LEAPMOTOR



B05

USER MANUAL

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FOREWORD

Dear Leapmotor owner:

Thank you for choosing a safe, comfortable, powerful and economical Leapmotor! As a technology company, we have always been user-centric, co-creating and sharing with users, and are committed to becoming a high-quality, international, core technically capable and respected global smart electric vehicle company. We look forward to creating the greatest value for your car and life with high-quality products and services.

Before using the vehicle, please read this manual carefully and keep it properly for future reference. This manual will help you better understand and use Leapmotor vehicles, so that your car can maintain the best performance in future use. With a deeper understanding of the vehicle, you will have a clearer understanding of its safety and fun.

If you have any questions or needs during use, please contact the nearest Leapmotor Service Centre or authorised service store. We will provide you with the best service in terms of maintenance and repair. Please be sure to complete the maintenance work on time according to the maintenance regulations of the OEM.

This manual provides the vehicle information you need to know as much as possible. Due to different model configurations and later OTA upgrades, the description in this manual may be different from the actual configuration of the vehicle you purchased. Please refer to the actual vehicle received. Leapmotor reserves the right to change, supplement or terminate the contents of this manual without further notice.

This manual is an integral part of the vehicle. When selling or lending this vehicle, please hand over this manual together.

Thank you for your support and kindness to Leapmotor. I wish you a pleasant ride!

May 2026

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Reproduction will be investigated

Regarding the safety precautions for vehicle use, we explain them through the warning labels on the vehicle and the safety tips in this manual.

- Warning label: For specific locations, please refer to the "Vehicle Nameplate and Identification" section.
- Safety tips: Explain through the symbols and text in this manual.

WARNING

- Failure to comply may result in casualties or serious damage to the vehicle.

ATTENTION

- Failure to comply may result in personal injury or vehicle damage.

NOTE

- Prompt you to use and maintain the vehicle better.

ECO

- The content described is related to environmental protection.

- The functions/configurations in this manual are marked with "*", indicating that the function/configuration is only applicable to some models.
- The illustrations used in this manual are mainly used to show certain features or functions of the vehicle and are for reference only. Please refer to the actual vehicle for specific circumstances.
- Unless otherwise specified, the description of vehicle orientation (front, rear, left and right) in this manual shall be based on the forward direction of the vehicle.
- The car model shape, colour, texture, texture and illustrations displayed in this car machine are for reference only. Please refer to the actual car for specific conditions.

NOTES TO USERS

1. Before operating the vehicle, please thoroughly review this manual and strictly adhere to the operational procedures described herein during vehicle usage. Leapmotor will not be held responsible for the losses caused by your improper use of the vehicle.
2. Please ensure to carry out regular vehicle maintenance and servicing in strict accordance with the prescribed maintenance items and intervals outlined in the Maintenance Schedule section.
3. The driver and occupants shall properly fasten seat belts and maintain correct seating postures to ensure driving safety and comfort.
4. Before driving, please ensure whether the following contents meet the driving safety requirements:
   - Seat position.
   - Brake pedal.
   - Wiper.
   - Driving range.
   - Angle of interior and exterior rearview mirrors.
   - Steering wheel position.
   - Tyres.
   - Full vehicle lights.
5. Before leaving the vehicle, make sure that the gearshift lever is shifted to "P" position and that the parking brake indicator illuminates.
6. When the vehicle is driving, if the fault indicator light in the instrument cluster lights up or there is a fault text prompt, the driver should stop the car safely as soon as possible for inspection and contact the Leapmotor Service Centre or authorised service store.
7. The driving range displayed in the vehicle combination instrument may deviate from the actual driving range. Please refer to the actual driving range.
8. Please strictly abide by the road traffic regulations and drive the vehicle safely.
9. If there is a recall of this model in the later stage, we will issue further notification.

STATEMENT

EVENT DATA RECORDER

The vehicle is equipped with an event data recorder (EDR) system. Depending on the type and severity of the collision, the event data recorder (EDR) may record the following data information (including but not limited to) from the dynamic stability control system and safety system during the vehicle collision:

- Brake pedal/accelerator pedal positions.
- Vehicle speed (the speed is the wheel speed, which is indicated by the wheel speed sensor).
- Longitudinal acceleration of vehicle.
- Seat belt locking status.

The above data can be used to restore the vehicle state at the time of the incident and assist with the analysis.

Due to the limited data storage space of the event data recorder (EDR), the system divides the saved events into overwritable events and non-overwritable events:

- Overridable events refer to similar incident scenarios where data for such events may be overwritten when there is insufficient storage space. For example, data saved when a collision event occurs but the airbag trigger threshold is not reached.
- Unoverwritable events are continuously stored in the Event Data Recorder (EDR). For example, data saved when the airbag is detonated.

We will not disclose the data to third parties except in the following circumstances:

- Reach an agreement with the car owner (or the lessee of the leased vehicle).
- At the official request of the police, court or government agency.
- It is only used for the technical diagnosis, research and development of the vehicle by Leapmotor, and the owner information or identity information will not be disclosed.

The way to obtain the EDR data:

- Special technical equipment is needed to read the event data recorder (EDR) data. If you want to read the EDR data or know about more information, please contact the authorised dealer.

VEHICLE TEST

In order to ensure the delivery quality of new Leapmotor vehicle, the quality inspection technician will carry out a comprehensive road test of the vehicle before it leaves the factory. Therefore, a small amount of kilometres will be shown on your vehicle's odometer.

HARDWARE AND SOFTWARE MODIFICATION

Unauthorised modification, installation, removal, or repair of equipment or accessories may cause vehicle damage and pose safety hazards. Illegal vehicle modifications are strictly prohibited.

- Do not modify the chassis system of the vehicle, as it may compromise vehicle control safety and pose a risk to personal safety.
- Do not modify the electronic components of the vehicle (circuits, lights and controllers, etc.). It is strictly prohibited to flash or root without authorisation, as it may cause system fault and threaten personal safety.
- Do not modify the seats, steering wheel, seat belts and airbag system, as this may compromise safety and pose a risk to personal safety.
- Do not modify the relevant charging equipment to prevent charging malfunctions and potential fire hazards.

It is suggested to use the genuine parts or approved parts of Leapmotor. The parts of Leapmotor are strictly tested to ensure its comfort, safety and reliability.

If there is a need for modification and retrofitting of the vehicle, please contact Leapmotor.

PRODUCT CHANGES

Leapmotor reserves the right to make design changes to the vehicles and has no obligation to make the same or similar changes to the vehicles that have been sold.

VEHICLE SCRAPPING

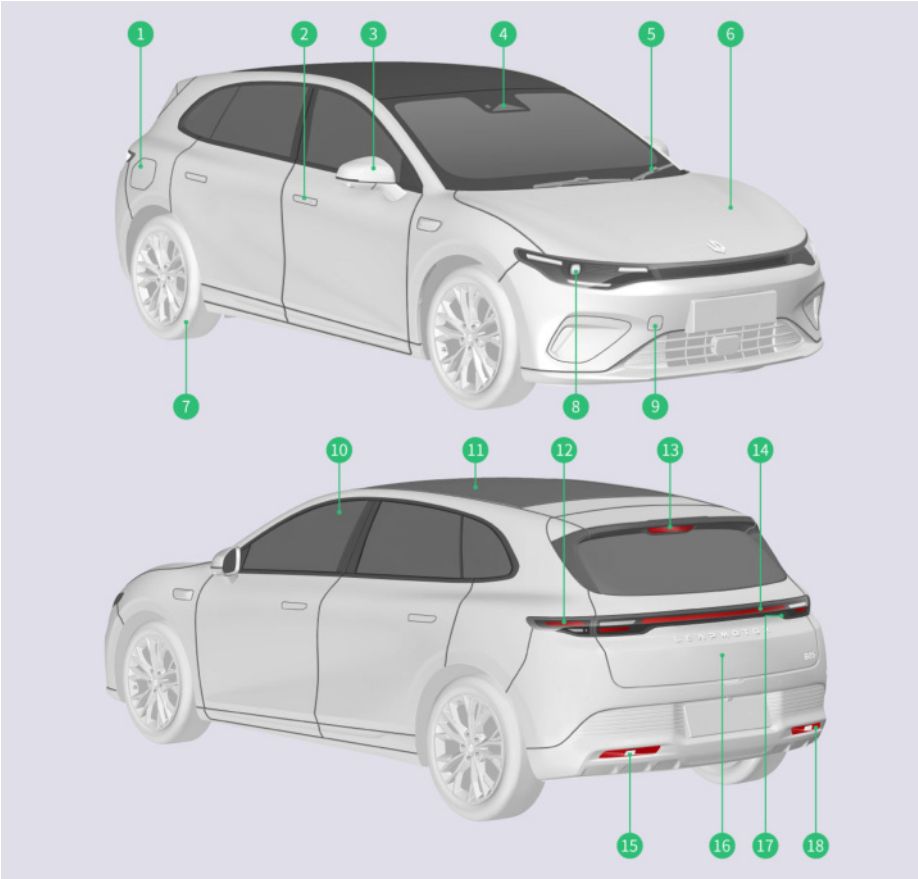
The vehicle's airbag device contains explosive chemicals. If the vehicle is scrapped without removing the airbag, it may cause accidents such as fire. Before scrapping, it is recommended that the device be scrapped by the Leapmotor Service Centre or authorised service store or other qualified repair shops.

PRODUCT RECALL

In case of product recall, Leapmotor will provide a reasonable solution in accordance with the defects of the product. If the problem can be solved by repairing or replacing parts, in order to eliminate the vehicle defects and ensure your driving safety as soon as possible, you should, after receiving the recall notice of Leapmotor or obtaining relevant information through official channels, actively cooperate with the authorised dealer to carry out recall maintenance service.

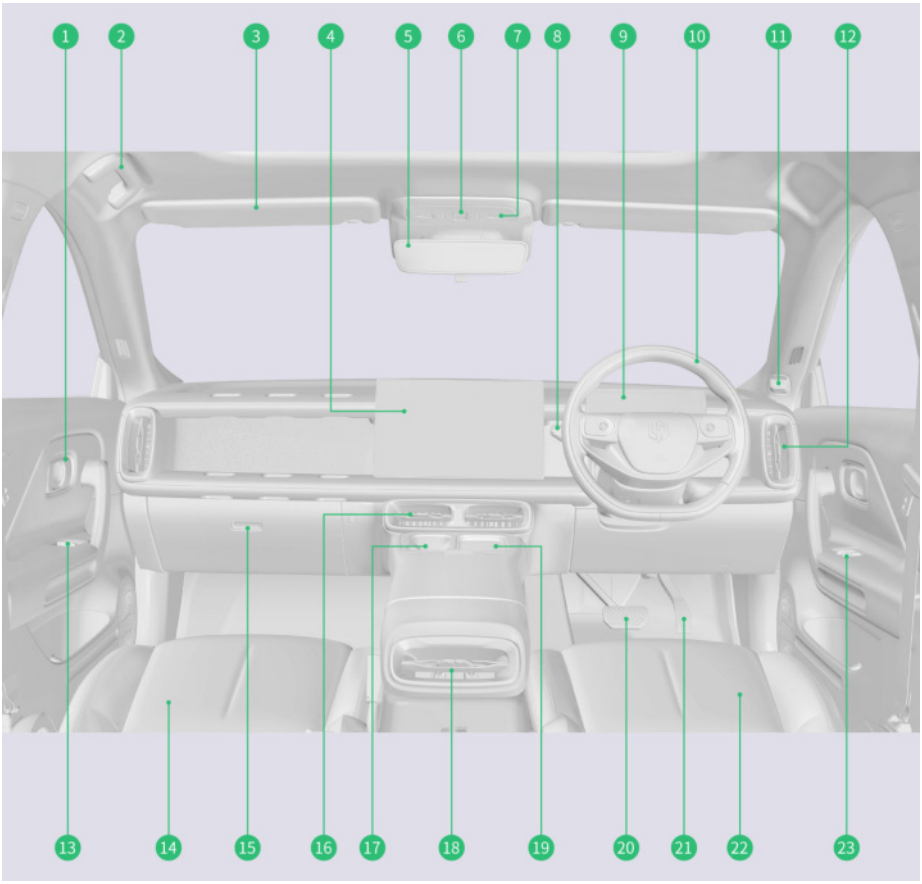
NEW VEHICLE FEATURES

EXTERIOR



1. Charging port cover plate
2. Door handle
3. Exterior rearview mirror
4. Front-view camera
5. Wiper
6. Front engine compartment cover
7. Tyre
8. Front combination lamp
9. Front towing hole
10. Window
11. Panoramic sunroof*
12. Rear combination lamp
13. High-mounted brake lamp
14. Rear through lamp (position lamp)
15. Reversing lamp
16. Trunk lid
17. Exterior trunk lid switch
18. Rear fog lamp

INTERIOR



1. Inside door opening handle
2. Safety handle
3. Sun visor
4. Central control panel
5. Interior rearview mirror
6. Hazard warning lamp switch
7. Reading lamp
8. Light/wiper control lever
9. Combination instrument
10. Steering wheel
11. Driver fatigue monitoring (DMS) camera
12. Front side air outlet
13. Front passenger's power window button
14. Front passenger's seat
15. Glove box
16. Front central air outlet
17. Front cup holder
18. Rear central air outlet
19. Mobile phone wireless charging
20. Brake pedal
21. Accelerator pedal
22. Driver's seat
23. Driver's power window button

CHARGING PRECAUTIONS

Please observe the following precautions during charging:

- When the low power battery indicator in the instrument cluster lights up for the first time or the power is ≤10%, please charge the vehicle within 72 hours.
- Before charging, please confirm that the vehicle is in "P" gear and the parking brake system is turned on.
- When the ambient temperature falls below 0°C, the initial charging power is reduced, resulting in slower charging speeds. As the battery temperature increases, the charging power rises accordingly, leading to accelerated charging rates.
- When the ambient temperature exceeds 45°C, the initial charging power is reduced, resulting in slower charging speeds. As the battery temperature decreases, the charging power increases, leading to faster charging rates.
- When using fast charging piles for charging, fast charging piles with a voltage range covering the vehicle charging voltage range should be selected. It is recommended to give priority to fast charging piles with a 1000V voltage platform.
- Do not strike the charging equipment or place it near heat sources.
- Do not pull or twist the charging cable.
- When the vehicle is charged, if there are large fluctuations in the power grid, the charging power will also fluctuate and even charging may be suspended.
- Do not simultaneously perform fast charging and slow charging for the vehicle to avoid potential damage.
- Before parking the vehicle for a long time, please ensure that the battery power is within a relatively sufficient range (50%~80%); Maintenance must be carried out every 1 month. The specific operations are as follows: Fully charge the power battery and then discharge it to 80%. Failure to operate in accordance with the specifications may cause over-discharge of the power battery, reduce its performance or even damage it. If the vehicle components are seriously faulty and damaged as a result, no warranty will be provided.
- It is recommended to fully charge the battery by AC slow charging in the first three charges after delivery of the vehicle, which is helpful to maintain the status of health of the battery.
- To prevent potential battery health degradation caused by high-SOC float charging, when the SOC exceeds 97%, partial discharge is required before normal charging can commence.
- Do not expose the charging connection device to the sun or use it in a closed environment.
- Charging is prohibited when the charging cable is damaged.
- Please use a socket with reliable grounding.
- Please use a power supply with leakage protection function.

⚠ WARNING

Please be sure to observe the following matters to avoid electric shock accidents or serious injuries:

- It is forbidden to close the charging port cover when the vehicle charging port protection cover is open.
- It is prohibited to modify the vehicle charging system components and onboard charging equipment without authorisation, otherwise it may lead to electric shock injury or even death.
- It is strictly prohibited to charge the vehicle where there are flammable gases, liquids or sources of fire.
- When charging the vehicle on rainy days, please be sure to choose a place sheltered from rain.
- Before charging, please make sure that the charging equipment is not scratched, rusted or cracked, or there are no abnormal conditions such as damage to the surface of the charging port, cable, control box and charging gun. Do not charge if the socket surface is damaged, rusted, cracked or loosely connected. If the above-mentioned charging equipment or charging ports, cables, charging boxes and other equipment are dusty or damp, please wipe them clean with a dry cloth before charging.
- Do not touch the charging port, the charging connector or the metal connection of the charger head during charging.
- If there is odor or smoke during charging, please stop charging immediately and contact the Leapmotor Service Centre or authorised service store.
- After completion of charging, do not disconnect the charging connection device with wet hands or standing in the water to

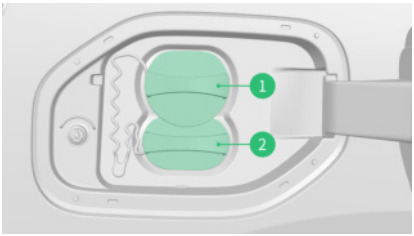
avoid personal injury caused by electric shock.
- If you use any medical electrical equipment (such as a cardiac pacemaker or implantable cardioverter defibrillator), please consult the manufacturer of the medical device prior to initiating charging operations to confirm whether vehicle charging may interfere with the normal functioning of the implanted equipment.

ATTENTION

- If the SOC drops to 0%, please charge the vehicle immediately. At this stage, the charging speed may be relatively slow until the traction battery reaches 20% SOC, as this facilitates battery performance recovery. If the battery is not charged in time within 24 hours, it may cause irreversible damage to the power battery. If the vehicle cannot be charged, please contact the Leapmotor Service Centre or authorised service store immediately.

CHARGING PORT

The charging port is located at the rear right side of the vehicle.



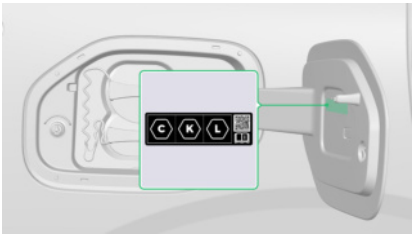
1. AC slow charging port
2. DC fast charging port

WARNING

- It is strictly prohibited to disassemble or modify the charging port without permission.

CHARGING PORT IDENTIFICATION*

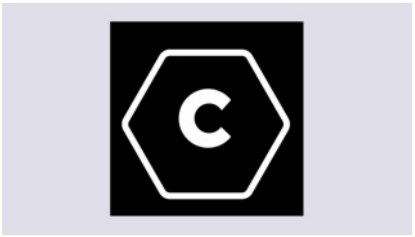
CHARGING PORT IDENTIFICATION POSITION



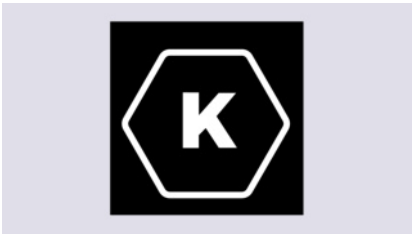
The charging port logo is located on the inside of the charging port cover, which helps you identify the correct type of power supply to use when charging.

Before charging, please check the logo on the inside of the charging port cover and compare it with the logo on the charging connection device.

MEANING OF CHARGING PORT MARK



AC charging at home or at a charging station (≤480V RMS).



DC charging (50~500V) is performed at the charging station.

DC charging (200~920V) is performed at the charging station.

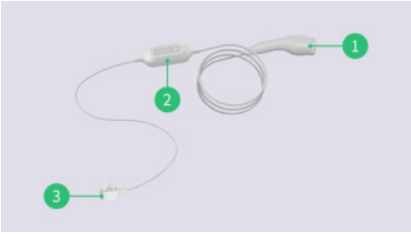
Please refer to this manual for correct charging methods and precautions.

ATTENTION

- Using incorrect or damaged sockets or using charging connection equipment without the prescribed charging method may cause damage to the vehicle.

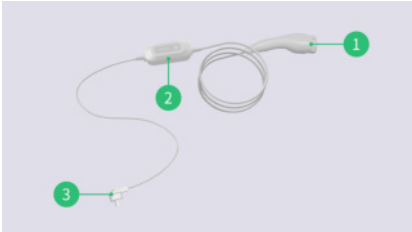
AC CHARGING GUN

AC CHARGING GUN (TYPE G POWER END PLUG)*



1. Charger
2. Control box
3. Power supply plug

AC CHARGING GUN (TYPE I POWER END PLUG)*



1. Charger
2. Control box
3. Power supply plug

AC CHARGING GUN (M3 DOUBLE-ENDED PLUG WIRE)



1. Charger at the power supply end
2. Vehicle-end charger

WARNING

- Do not modify the AC charging connection equipment without permission, otherwise it will easily cause danger.
- When the charging equipment fails, please do not try to solve it by yourself. It is recommended to contact the Leapmotor Service Centre or authorised service store.
- Before charging, make sure that the plug and socket at the power supply end are consistent.

NOTE

- When the charging gun is not in use, it should be covered with a protective cover for protection.
- For the interpretation of the indicator light on the charging gun control box, please refer to the control box label.
- Please refer to the product manual for details on how to use the charging gun.
- The charging gun diagram is only an example, please refer to the actual object.

CHARGING METHOD

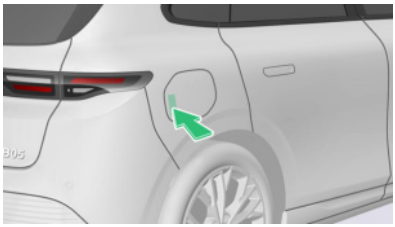
INSPECTION BEFORE CHARGING

Please check the charging connection equipment and charging port before charging:

- Ensure that the charging connection equipment is not damaged, the connecting cable is not worn, and the connecting plug is not rusted.
- Make sure that there is no water stain or foreign matter in the charging port, and the metal terminals are not rusted or corroded.

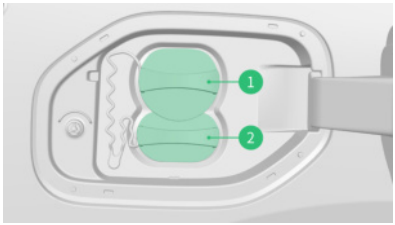
CHARGING OPERATION INSTRUCTIONS

1. Open the charging port cover plate.



   - After the vehicle is parked, shift to "P" gear, apply parking brake, press the rear end of charging port cover plate and open it.

2. Open the charging port protective cover.



   - During AC slow charging, open the protective cover ① of AC slow charging port.
   - During DC fast charging, it is necessary to open both the AC slow charging port protective cover① and the DC fast charging port protective cover ②.

3. Connect the charging plug.
   - Connect the DC/AC charging gun to the charging port. If you hear a "click" sound, it means that the connection is successful.

4. Start charging.
   - Connect the power supply or start the charging pile, and the vehicle starts to charge. When charging, the charging connection indicator light in the instrument cluster lights up and displays the charging screen. After charging is completed, the instrument cluster prompts that charging is complete.

5. Pull out the charging plug.
   - Unlock the vehicle or unlock the charging plug in the central control panel, pull out the charging plug from the charging port and place it properly. (Note: Fast charging is unlocked at the charging pile)

6. Close the charging port protective cover and the vehicle charging port plate.

⚠ ATTENTION

- Do not rinse the charging port during charging to avoid damage to the vehicle or charging equipment.
- After charging, if you can not pull out the charger, do not forcibly pull out the charger, and it is recommended to contact an authorised dealer.
- Minors are prohibited from using charging equipment, and are not allowed to approach during charging operations.

- Make sure the charging equipment is disconnected from the charging port when the vehicle is running.
- After charging, please pay attention to closing the charging port protection cover and charging port cover plate to prevent rain, snow or other foreign objects from entering.
- Please charge correctly according to the charging operation instructions. Flying wire charging and other operations are strictly prohibited to avoid safety accidents.

NOTE

- For the use of portable charging gun equipment, please refer to the product manual for details.
- Please use charging gun equipment that meets national standards. Vehicle damage caused by the use of counterfeit charging gun equipment is not covered by the warranty.
- When the vehicle is being charged, the radiator fan may be turned on automatically, which is a normal phenomenon.
- In case of charging with the A/C system turned on, the charging time will be prolonged.
- When the vehicle is being charged, if the charging gun cannot be pulled out after multiple unlockings, you can try to unlock the charging gun in an emergency. For specific methods, please refer to the "Emergency Rescue-Product Information-Emergency Device Information" section.

SCHEDULED CHARGING

To facilitate your use of the vehicle, you can enable the slow charging reservation function on the "Settings-Charging" interface in the central control panel. After the function is turned on, the charging time and charging limit priority functions can be set.

NOTE

- In daily use, we recommend that you give priority to the scheduled charging mode, which will help extend the life of the power battery and delay its attenuation.
- Scheduled charging is only applicable to the scenario where an AC charging plug is used to charge the vehicle.

DISCHARGE TO LOADS

DISCHARGING INSTRUCTIONS

The vehicle has the function of discharging to external loads.

NOTE

- The vehicle is not equipped with discharging connection equipment. If necessary, please contact the authorised dealer.
- For the use of discharging connection equipment, please refer to the corresponding discharging product manual.

INSPECTION BEFORE DISCHARGING

Please check the discharging connection equipment and charging port before discharging:

- Ensure that the discharging connection equipment is not damaged, the connection cable is not worn, and the connecting plug is not corroded.
- Make sure that there is no water stain or foreign matter in the charging port, and the metal terminals are not rusted or corroded.

DISCHARGING OPERATION INSTRUCTIONS

1. The vehicle is powered on.
2. Open the charging port cover plate and AC slow-speed charging port protective cap.
3. Connect the discharge connection device to the AC slow charging port before connecting to the external equipment.
4. The external discharge limit can be set in the "Settings-Charging-Discharging" interface of the central control panel.
5. After the discharge is completed, tap "Discharge Plug Unlock" on the "Settings-Charging-Discharging" interface of the central control panel to turn off the vehicle's external discharge.

6. Unplug the discharge connection equipment, close the AC slow charging port cover and the charging port cover plate, and properly place the discharge connection equipment.

WARNING

- Make sure that the load is in off state before discharging.
- When the vehicle is discharging, do not touch the discharge connection equipment; otherwise, there may be a risk of electric shock.
- If there is any abnormal situation during discharge, such as odor or smoke, please stop using it immediately and contact the Leapmotor Service Centre or authorised service store.
- Since the current of inductive electrical equipment (such as electric drills, electric hammers, washing machines, large water pumps, electric welders, electric saws and other motors and transformers) is large during startup, it is easy to cause instantaneous overload of the on-board inverter, thereby affecting the service life of the inverter and even causing damage risks. Therefore, it is not recommended to use the above-mentioned inductive electrical equipment.
- It is prohibited to use the discharging connection equipment that is defective, cracked, worn, broken or otherwise damaged or inoperable.
- Do not use discharging connection equipment when the vehicle or connector is damaged.
- It is prohibited to open, disassemble, maintain, tamper with or modify the discharging connection equipment.
- Do not touch the end of discharging connection equipment with sharp metal objects (such as wires, tools or needles).
- It is prohibited to damage the discharging connection equipment with sharp objects.
- It is prohibited to insert foreign matters into any part of the discharging connection equipment.
- It is prohibited to use the discharging connection equipment on rainy, snowy, thunderstorm or other inclement weather.
- It is prohibited to disconnect the discharging connection equipment during vehicle discharging.
- If it rains during discharging, do not let the rain water flow along the cable or make the discharging connection equipment or vehicle discharging port affected with damp.
- Do not insert the discharging connection equipment when the discharging vehicle is in the rain or snow. In this case, if the discharging connection device has been plugged in and needs to be unplugged, please stop discharging first and then unplug it after unlocking the central control panel.
- Be sure to protect the discharging connection equipment from moisture, water and foreign matters. Do not use the discharging connection equipment that has been or may be damaged or corroded.
- Do not clean the discharging connection equipment with detergent.
- If you use any medical electrical equipment (such as a cardiac pacemaker or implantable cardioverter defibrillator), please consult the manufacturer of the medical device to confirm whether the vehicle's discharge operation may affect the normal functioning of the implanted device before initiating the discharge procedure.
- Ensure that the use of discharging connection equipment does not interfere with pedestrians or other vehicles or objects.

NOTE

- When the SOC is less than 20%, external discharging is not allowed.

SEAT BELT

PROTECTIVE FUNCTION OF SEAT BELT

The vehicle and the driver and passengers have kinetic energy during driving. The strength of kinetic energy depends on the vehicle speed, the mass of the vehicle and its drivers and passengers. The greater the speed and mass, the stronger the kinetic energy released during a collision.

After a vehicle collision, the driver and passengers who are not wearing seat belts will still move forward at the speed before the collision due to inertia. At this time, the vehicle is not moving with the driver and passengers, which may cause serious injuries to the driver and passengers.

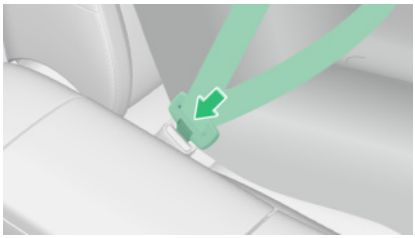
After fastening the seat belt, when the vehicle collides, the seat belt can restrain the driver and passengers in a suitable position, slow down their forward movement inertia to prevent them from being thrown out, and ensure that the driver and passengers are best protected by the airbag to minimize the impact damage they suffer.

⚠ WARNING

- Before each trip, every passenger in the car must wear a seat belt and provide appropriate child restraint systems for children traveling with them.
- Even if the vehicle speed is very low, the force acting on the human body in a collision is very large. The driver and passengers cannot control their bodies with their hands. Drivers and passengers who are not wearing seat belts may be thrown out, and hitting any object in the car may cause serious personal injury.
- Rear passengers must also wear seat belts correctly. Otherwise, it may be thrown out violently when an accident occurs. Rear passengers who do not wear seat belts will not only injure themselves, but also endanger other occupants in the car.
- Do not install ornaments or devices to prevent the seat belts from locking to avoid the failure of the seat belts to protect in case of incidents.
- Do not tilt the seat back too much, otherwise the protective effect of the seat belt will be seriously affected.
- Do not let children play with seat belts to avoid accidental injuries.
- The passengers suffering from diseases, disabilities, etc., are recommended to use seat belts, or also consult doctors for effective advice.
- Do not place a cushion between the driver's body and the seat backrest. The placed cushion will affect the sitting posture and reduce the protective effect of the seat belt.
- Under any circumstances, it is prohibited to disassemble and modify seat belts without authorisation.
- The seat belts must be replaced when the incident vehicle is overhauled, regardless of whether it is damaged or not.

WEAR THE SEAT BELT CORRECTLY

WEAR THE SEAT BELT



All seating positions in the car are equipped with three-point seat belts. Please wear your seat belts correctly as follows:

1. Adjust to the correct sitting posture.
2. Gently and smoothly pull the seat belt from the retractor, guide it across your chest and hips, then insert the latch into the corresponding buckle until an audible click confirms secure engagement.
3. Pull the seat belt deadlock and ensure it is securely engaged.
4. Adjust the seat belt position so that the shoulder strap lies diagonally across the shoulder without touching the neck or slipping off, whilst ensuring the lap belt sits as low as possible across the hips.



Rear passengers must also wear seat belts correctly.

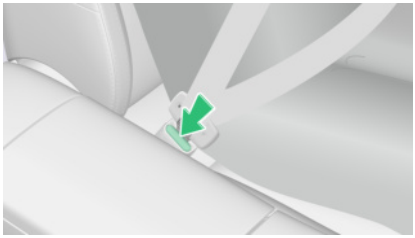
WARNING

- Ensure that the seat belt is worn correctly, and improper wearing of the seat belt will increase the risk of casualties in case of a collision.
- Make sure that the seat is adjusted to the correct position before wearing the seat belt.
- It is strictly prohibited to insert the substitute of the seat belt deadlock into the seat belt buckle to eliminate the seat belt unfastened alarm.
- If the seat belt is too high or too loose, it may cause serious personal injury or even life-threatening to the occupants due to body sliding in the event of a vehicle collision or other accidents.
- Do not place the seat belt under your arm to avoid the failure of the seat belt to protect in case of an incident.
- Do not fasten the seat belt to clothes with hard, fragile or sharp objects, otherwise it will increase the risk of casualties.
- Each seat belt can only be used by one person. Do not share a seat belt with multiple people (including children).
- Seat belts are only for adult-sized passengers. Children should sit in the back seat and use appropriate child protection devices until they grow up to be suitable for wearing seat belts.
- A twisted seat belt cannot provide effective protection. In a collision, it can even cut you. Make sure the seat belt lies flat against your body and is not twisted. If the seat belt cannot be straightened, please contact the Leapmotor Service Centre or authorised service store.

NOTE

- The wearing method of other seat belts is the same, and the driver has the responsibility to remind other passengers to wear seat belts correctly.
- It is important to wear the seat belt on all journeys.

UNBUCKLE THE SEAT BELT



1. Hold the seat belt part next to the buckle to prevent the seat belt from retracting too quickly.
2. Press the red release button on the seat belt buckle to disengage the seat belt latch.
3. Gently retract the seat belt into the retractor.

WARNING

- It is strictly prohibited to unfasten the seat belt while the vehicle is in motion or before coming to a complete stop, in order to prevent severe injuries in the event of an accident.
- When the seat belt is not used, it shall be completely retracted and shall not be overhung. If the seat belt cannot be retracted completely, please contact the authorised dealer.

ATTENTION

- Be careful not to allow foreign objects such as crumbs, shells, buttons, coins, viscous liquids, etc. to fall into the seat belt buckles. This may cause the seat belt reminder function and the latch locking or unlocking function to fail.
- To prevent the seat belt from being retracted too quickly thus damaging the surrounding area, or from being retracted too slowly thus getting stuck, please hold the seat belt and

send it to its original position after unfastening it.
- Make sure that the seat belt retracts smoothly. If the seat belt cannot be retracted smoothly, pull out the seat belt and check whether it is twisted or twisted.
- Before closing the door, make sure that the door will not pinch the seat belt. Otherwise, the seat belt and the door may be damaged.

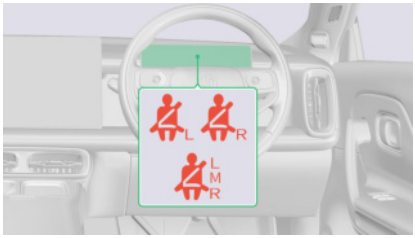
A PREGNANT WOMAN WEARS THE SEAT BELT CORRECTLY

When a pregnant woman wears the seat belt, please put the shoulder belt part of the seat belt evenly through the chest, make the waist belt part of the seat belt cross the hip as low as possible, keep the seat belt flat and tight, and do not place the shoulder or waist belt part of the seat belt on the abdomen.

WARNING

- When driving a vehicle during pregnancy, the seat and steering wheel should be adjusted to make it easier to maintain control of the vehicle. In this case, you should try to adjust the seat position so that the distance between your abdomen and the steering wheel is as large as possible.
- When riding in a vehicle during pregnancy, you should try to sit in the back seat to avoid secondary damage to your abdomen caused by the airbag device when an accident occurs.
- If a pregnant woman uses the seat belt incorrectly, it may cause serious injury or even life-threatening to the mother and fetus in case of emergency braking or collision.

SEAT BELT REMINDER



When the vehicle is driving, if the driver or passenger does not wear a seat belt, the corresponding seat belt unfastened indicator light in the instrument cluster will light up and be accompanied by a warning sound. After the seat belt is fastened, the indicator light goes out and the warning sound stops.

WARNING

- If the seat belt reminder function is abnormal, please do not use the relevant seats. It is recommended to contact the Leapmotor Automobile Service Centre or authorised service store for repair.

NOTE

- Before driving, please check whether there are heavy objects on the passenger seat to prevent the system from mistakenly believing that there are passengers sitting and issuing wrong reminders.
- The instrument cluster buzzer will sound only when the vehicle reaches a certain speed and the front seat belt is not fastened.

INSPECTION AND MAINTENANCE OF SEAT BELTS

To confirm that the seat belts are functioning properly, the following three checks must be performed on all seat belts in the vehicle:

1. Fasten the seat belt and pull it quickly at the position closest to the buckle. The buckle should remain securely locked.
2. Unfasten and retract the seat belt as much as possible. Check whether the pulled-out seat belt is too loose, check the wear of the seat belt, and whether the seat belt retracts smoothly.
3. Half-pull out the seat belt, hold the lock tongue, and pull it forward quickly. The retractor should automatically lock to prevent over-unwinding.

If any seat belt fails to pass any of the above inspections, please contact the authorised dealer.

WARNING

- Before and after using the seat belt, check whether the seat belt is wound.

- If the seat belt is worn, torn, or damaged in any other forms, please contact the authorised dealer.
- The seat belt shall be kept clean and free from foreign matters in the latch, otherwise the reliable meshing of the seat belt buckle will be affected.
- Do not insert anything similar to a lock piece into the seat belt latch to prevent from sending the seat belt unfastened alarm.
- Do not install, remove, modify, disassemble or scrap the seat belts without permission. When maintenance is needed, please contact the authorised dealer.
- Please carefully check whether the seat belt and seat belt fixing mechanism is damaged or aging before use. If there is any damage, it is prohibited to continue to use it, please contact the authorised dealer.
- Do not use solvent to clean the seat belt, only use neutral soap and warm water to clean the seat belt.
- Do not bleach or dye the seat belt, otherwise it will seriously weaken the strength of the seat belt. The cleaned seat belt shall be wiped clean and dried in a cool place.
- Do not retract the seat belt back to the retractor until the seat belt is completely dried.
- If the seat belt system does not work properly, such as the seat belt cannot be retracted or locked, you should immediately contact the Leapmotor Service Centre or authorised service store. It is forbidden to use the corresponding seat before the seat belt is repaired.
- The seat belt system (including bolts) used in a serious collision accident must be replaced. Even if it is slightly damaged, the entire assembly should be replaced.

AIRBAG

PROTECTIVE FUNCTION OF AIRBAG

Airbags cannot replace seat belts. They are an integral part of the vehicle's entire passive safety protection system and a supplement to seat belts. Only when they work together with properly worn seat belts can airbags play their maximum protective role.

Airbags are developed and matched for designated models. Modifications to the suspension, tyres, bumpers, chassis and original parts will have an adverse effect on airbags. Do not use any parts of the airbag on other vehicles, otherwise it may cause the airbag to fail and cause personal injury.

⚠ WARNING

- When a vehicle has a serious collision, the airbag will deploy quickly in a very short time. Therefore, drivers and passengers must maintain a correct sitting posture and wear seat belts to avoid serious injuries. In case of emergency braking in an emergency, the driver and passengers who are not wearing seat belts may be thrown forward into the airbag deployment area. The high-speed deployment of the airbag may cause injury or even life-threatening to the driver and passengers.
- Do not fix, hang or stick any objects within the airbag deployment range (dashboard area, front seats and edge areas on both sides of the vehicle roof), otherwise these items may injure the driver and passengers when the airbag is deployed.
- Front occupants are not allowed to hold children, pets, or items. If the airbag is triggered during an incident, it may cause serious injury or even endanger life.
- Do not place luggage or other items under the front seats.
- Do not place your feet, knees or any other part of your body above or near the airbag to avoid personal injury when the airbag is deployed.
- The driver and occupants are prohibited from leaning the head or body against the doors. Otherwise, when the front side airbag or side air curtain is detonated, the body will be subjected to a strong impact, which may easily cause serious injury or even endanger life. Make sure to pay particular attention when there are children in the vehicle.
- The airbag system has a strong anti-interference ability to the surrounding electromagnetics, but to avoid accidents, please do not use the vehicle in an electromagnetic environment that exceeds the national permission.
- If the airbag cover is cracked or damaged, please do not use the vehicle and contact the Leapmotor Service Centre or authorised service store immediately.

- After the airbag is deployed, avoid contact with the middle of the airbag bracket or inside the airbag.
- After the airbag is deployed, the airbag units will generate heat. Do not touch them to avoid burns.
- Do not strike the airbag units to avoid accidental deployment of the airbag.
- The airbag system has fully taken into account various common misuse situations and road conditions, but in order to avoid accidents, please do not hit the bottom of the vehicle or drive roughly under harsh road conditions.
- Do not get the seat backrest wet, as this may impair the normal operation of the side airbag system.
- Do not cover the set backrest or replace the seat backrest cover by yourself. Unsuitable seat backrest cover replacements or coverings may hinder the deployment of side airbags when a collision occurs.
- Do not modify the steering wheel.
- Regardless of whether the seat is equipped with an airbag or not, the driver and passengers in the vehicle shall always fasten seat belts to reduce the risk of casualties caused by an incident.
- Do not modify the seat or its internal accessories.
- The airbag can only function once. If it is triggered by an incident, please contact the authorised dealer.
- Do not change the vehicle's body structure or install anti-collision devices on the front of the vehicle.

POSITION OF AIRBAG

According to the type and installation position of airbags, they can be divided into the following types:

- Front airbag.
- Front side airbag.
- Curtain airbag.
- Far-side airbag.

FRONT AIRBAG



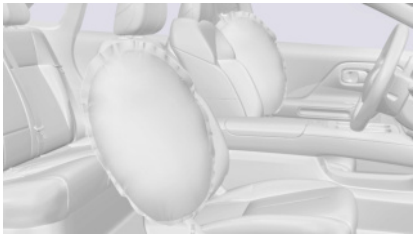
The driver's front airbag is located on the steering wheel, and there is an airbag sign with "AIRBAG" on the steering wheel. The front passenger's front airbag is located in the instrument panel in front of the front passenger, and the airbag logo with the word "AIRBAG" is marked on the instrument panel.

In the event of a head-on collision, if the triggering conditions are met, the front airbags will deploy to help protect the driver and passengers' heads and chests to reduce the degree of injury.

⚠ WARNING

- The driver shall maintain a distance of more than 25cm from the steering wheel to avoid injury from the impact caused by deployment of airbags.

FRONT SIDE AIRBAG



The front side airbag is located in the backrest of the front seat near the door, and there is an airbag sign with "AIRBAG" on the seat.

In the event of a side collision, if the triggering conditions are met, the front side airbags will deploy to provide additional protection for the front occupants and reduce their injury.

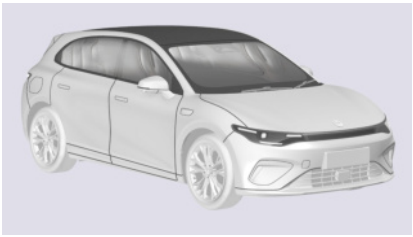
FAR-SIDE AIRBAG



The far-side airbag is located in the driver's seat, inside the seat backrest near the centre armrest. The airbag logo with the word "AIRBAG" on the seat.

When the vehicle has a side collision, if the triggering conditions are met, the system triggers the far-side airbag to deploy it instantly, providing additional protection for the front passengers to reduce their degree of injury.

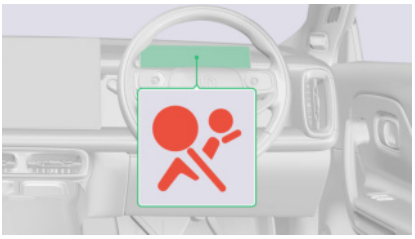
CURTAIN AIRBAG



The side air curtains are located on the inner edges of the left and right sides of the ceiling, and the airbag logo with the word "AIRBAG" is marked on the interior panel on the B-pillar.

When the vehicle has a side collision, if the triggering conditions are met, the side air curtain will deploy to provide additional protection for the driver and passengers to reduce their degree of injury.

AIRBAG FAULT INDICATOR



After the vehicle is powered on, the airbag fault indicator light in the instrument cluster will light up and go out after the system completes the self-test. In case of the following conditions, there is a fault in the system:

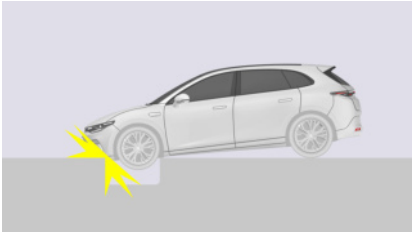
- After the vehicle is powered on, the indicator does not light up during the self-check.
- After the vehicle is powered on and the self-check of the system is completed, the indicator does not go out.
- The indicator lights up while the vehicle is running.

⚠ WARNING

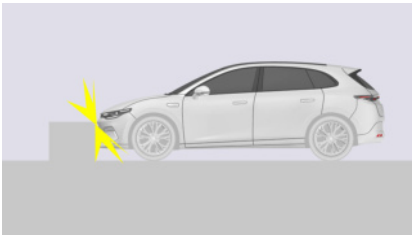
- Do not attempt to repair, adjust or modify the airbag.
- When the airbag system is faulty, please contact the authorised dealer.

CONDITIONS IN WHICH THE AIRBAG MAY DEPLOY

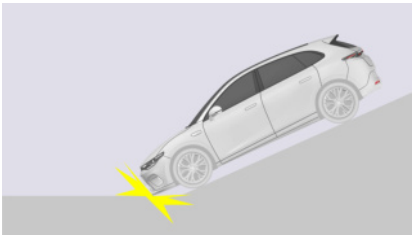
The airbag may deploy in the following situations:



- The front of the vehicle hits the ground as the vehicle crosses a deep potholed road.



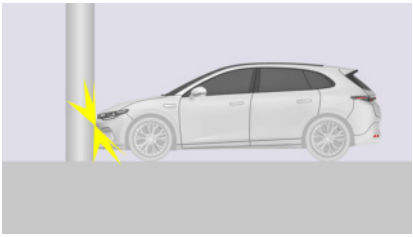
- The vehicle hits a roadside bulge, kerb, etc.



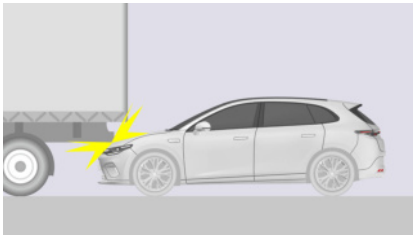
- The front of the vehicle hits the ground as the vehicle goes down a steep slope.

CONDITIONS IN WHICH THE AIRBAG MAY NOT DEPLOY

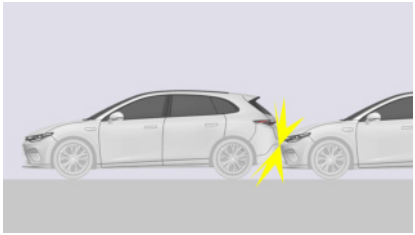
The airbag may not deploy in the following situations:



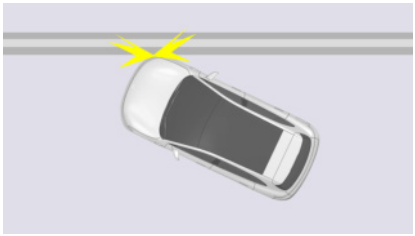
- Impact with trees, concrete pillars, or other slender objects in a frontal collision.



- The vehicle crashes into the rear end of a truck and other large trucks in case of a rear-end collision.



- The vehicle has a rear-end collision with another vehicle.



- The vehicle does not hit another vehicle or the wall head on.



- The vehicle overturns.

NOTE

- The above conditions do not cover all cases. The vehicle is equipped with a collision strength sensor, which can be used to determine whether each airbag deploys in accordance with the strength and angle of the collision.

REPLACEMENT OF AIRBAG SYSTEM COMPONENT

If the airbag system cannot work properly, it will not be able to protect the driver and passengers in the car in the event of a collision, resulting in serious injuries or even life-threatening. To ensure that the airbag system can work normally after a collision, the airbag should be checked regularly and replaced if necessary.

WARNING

- It is strictly forbidden to repair, adjust or modify airbag units, wiring harnesses and software without permission; otherwise the airbag system may not work normally, and may fail or start unexpectedly in case of an incident, increasing the risk of injury.
- If the airbag cover is cracked or damaged, please do not use the vehicle and contact the Leapmotor Service Centre or authorised service store immediately.
- The airbag system that has been deployed in a collision accident must be replaced.
- If the vehicle is scrapped, undeployed airbags are potentially dangerous. Therefore, before scrapping, they must be safely deployed by professionals in a certain environment.
- When selling or transferring your vehicle, make sure the new owner knows the replacement date of the airbag and airbag system installed on the car.

CHILD RESTRAINT SYSTEM

INSTRUCTIONS FOR CHILDREN RIDING

When you are traveling with a child under 12 years old or less than 1.5m in height, be sure to install a safety seat or safety cushion for the child. Please let the child sit on the safety seat or safety cushion instead of holding him in your arms or sitting on his lap
, fully protect children's safety in the car.

Only child safety seats that are approved for children and comply with relevant regulations or standards are allowed to be used. Please check the logo on the child safety seat when selecting a child safety seat.

To ensure the safety of children riding in vehicles, they need adult supervision. Please select a suitable child restraint device according to the child's body shape. If it is necessary to place a rear-facing child safety seat on the front seat due to special circumstances, the front passenger airbag must be disabled! If necessary, the airbag can be turned off through the central control touchscreen settings.

WARNING

- Children under 15 months old must sit in a "rear-facing" child seat.
- When using a child restraint system, follow all installation instructions provided by the child restraint system manufacturer and install the child restraint system correctly. If it is not installed correctly, children may be seriously injured or even life-threatening in the event of emergency braking, emergency turning or accidents.
- Make sure that there are no hard or sharp objects on the child restraint system to avoid harming children in the event of an accident.
- Never hold a child on your knees. Holding a child in your arms cannot replace the child restraint system. In the event of an accident, the child may hit the windscreen or be squeezed.
- Never let a child's body (such as head, hands) stick out of the window when the vehicle is driving.
- Each child restraint system is not allowed to be shared by 2 or more children.

- Children sitting on the child restraint system must be supervised by an adult. Do not leave children alone in the car to avoid accidental injury.
- Children are prohibited from standing in the car or kneeling on the seat while driving, otherwise they may be thrown up in an accident, causing injuries to children and other people in the car or even endangering their lives.
- When the child restraint system is not in use, it must also be correctly installed and fixed in the vehicle to avoid the unfixed child restraint system moving and injuring the occupants of the vehicle during a collision or emergency braking.
- When a child is sitting in the rear seat, a child lock should be used.

⚠ ATTENTION

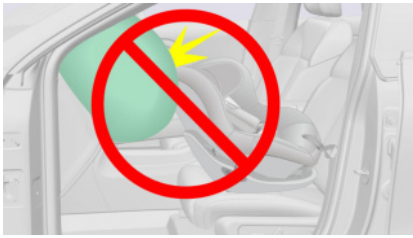
- In order to effectively protect children, please select the child restraint system correctly according to their age, height and weight, and use seat belts or child restraint systems for restraint and protection.

AIRBAG WARNING LABEL



Extreme Hazard! Never install a rear-facing child safety seat on a front seat protected by an airbag!

There is an airbag warning label on the front passenger's sun visor to remind the front passengers of the danger of airbag deployment. Rearward-facing child restraint systems must not be used on seats protected by frontal airbags (in activated state). Be sure to read and follow the instructions on the label.



Never place a rear-facing child safety seat on the front seat protected by an active airbag, otherwise it may cause death or serious injury to the child.

⚠ WARNING

- Do not install a rear-facing child restraint system on the front passenger seat, otherwise in the event of an accident, the impact force of the rapid deployment of the front passenger front airbag will cause serious injury or even life-threatening injuries to children.

DISABLE THE FRONT PASSENGER AIRBAG*

Do not install a rear-facing child safety seat on a seat protected by the front airbag (in activated state), otherwise it will cause serious injury or even life-threatening injuries to children in the event of an accident.

If it is necessary to place a rear-facing child safety seat on the front passenger's seat due to special circumstances, the front passenger airbag must be disabled.

OPERATION



On the "Settings-System-Safety" interface of the Infotainment Screen, touch the front passenger airbag on/off button to turn the front passenger airbag on/off.

The icon reminder of the front passenger airbag on/off status will be displayed synchronously on the top bar of the central control screen.

ATTENTION

- When the vehicle is powered on, it will memorise the last front passenger airbag opening/closing status.
- After turning off this switch, the front passenger airbag will not pop up under any circumstances. Please choose carefully whether to turn it off.

RECOMMENDATIONS FOR CHILD SAFETY SEAT SELECTION

There are various types of child safety seats available on the market, and it is recommended to use an approved child restraint system that is appropriate for your child.

⚠ WARNING

- Please select an appropriate child safety seat for your child.
- If the child's stature exceeds the specifications for a child safety seat, they should be seated in the rear seats with the seat belt correctly fastened.

Recommended child seat: ECE-R129 rating is based on the height of children.

Height	Manufacturer	Model	Connection
40~83cm	Maxi Cosi	Pebble 360	Seat Belt
76~105cm	Britax Römer	TriFix2i-size	ISOFIX and Top Tether
100~150cm	Britax Römer	Kidfix i-Size*	ISOFIX and Seat Belt
135~150cm	Graco	Booster Basic	Seat Belt

*For better protection, it is recommended to use this child restraint system with backrest and ensure that the seat belt is connected through the safety guard and XP-pad.

CHILD RESTRAINT SYSTEM APPLICABILITY INFORMATION

Only approved child restraint systems suitable for children are allowed to be used. Children over 1.5m tall can use vehicle seat belts like adults. If a child restraint system is required, it must comply with relevant regulations or standards.

Seat position	Driver	Front passenger		Rear left seat (*a)	Rear middle seat (*a)	Rear right seat (*a)
		Passenger airbag OFF	Passenger airbag ON			
Seat position suitable for universal seat belt (yes/no)	No	Yes	Yes (*b)	Yes	Yes	Yes
Seat position suitable for i-Size (yes/no)	No	No	No	Yes	No	Yes
Applicable to the fixed position of the horizontal clamp (L1/L2/No)	No	No	No	No	No	No
Maximum suitable rear-facing clamp (R1/R2X/R2/R3/No)	No	No	No	(R1/R2X/R2/R3)	No	(R1/R2X/R2/R3)
Maximum suitable forward-facing clamp (F1/F2X/F2/F3/No)	No	No	No	(F1/F2X/F2/F3)	No	(F1/F2X/F2/F3)

Seat position	Driver	Front passenger		Rear left seat (*a)	Rear middle seat (*a)	Rear right seat (*a)
		Passenger airbag OFF	Passenger airbag ON			
Maximum Applicable Booster Pad Fixture (B2/B3/No)	No	(B2/B3) (*c)	(B2/B3) (*c)	(B2/B3)	(B2/B3) (*c)	(B2/B3)

Notes:

(*a): If necessary, the headrest can be adjusted or removed, but when using a reinforcement pad without a seat back, do not remove the headrest.

(*b): Prohibition of rearward-facing CRS on the front passenger seat with the airbag activated.

(*c): Only applicable to installation with safety belts.

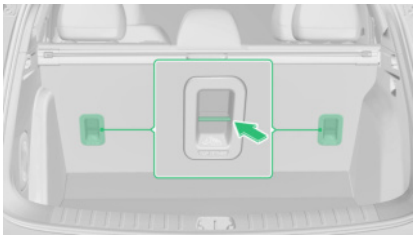
ISOFIX INTERFACE



The ISOFIX interface is located in the gap between the rear seat back and the seat cushion.

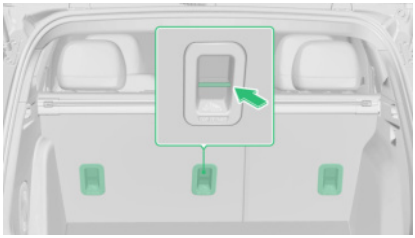
TOP TETHER ANCHORAGE

STATUS 1*



The top tether anchorage is located at the rear of the backrest of the rear seats.

STATUS II*



The top tether anchorage is located at the rear of the backrest of the rear seats.

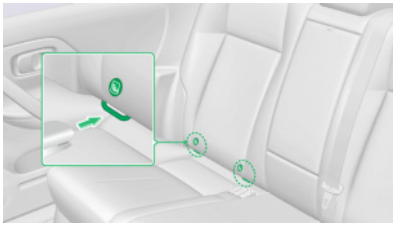
INSTALLATION OF CHILD RESTRAINT SYSTEM

INSTALLATION OF CHILD RESTRAINT SYSTEM WITH SEAT BELT

1. Adjust the front seat to the foremost position and adjust the headrest to a position that does not hinder the installation of the child restraint system.
2. Place the child restraint system on the rear seat and adjust the seat back until the child restraint system is in good contact with it.
3. Pull out the seat belt, operate and fasten the seat belt according to the instructions of the child restraint system manufacturer, and ensure that the seat belt is not twisted.
4. Use your body weight to press the child restraint system placed on the seat, retract the seat belt and tighten it to ensure that there is no slack.
5. Try to push and pull the child restraint system in different directions to ensure that it is firmly installed.
6. Reset and adjust the front seats.

INSTALLATION OF CHILD RESTRAINT SYSTEM USING ISOFIX INTERFACE AND SEAT BELT

1. Adjust the front seat to the foremost position and adjust the headrest to a position that does not hinder the installation of the child restraint system.
2. Place the child restraint system on the rear seat and adjust the seat back until the child restraint system is in good contact with it.

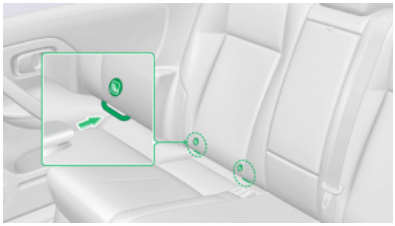


3. Slide the child restraint system locking mechanism into the ISOFIX interface and ensure that both ISOFIX locking mechanisms are properly secured.

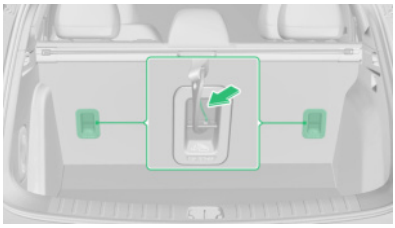
4. Pull out the seat belt, operate and fasten the seat belt according to the instructions of the child restraint system manufacturer, and ensure that the seat belt is not twisted.
5. Retract the seat belt and tighten it to ensure that there is no slack.
6. Try to push and pull the child restraint system in different directions to ensure that it is firmly installed.
7. Reset and adjust the front seats.

INSTALL THE CHILD RESTRAINT SYSTEM USING ISOFIX CHILD RESTRAINT SYSTEM INTERFACE AND TOP TETHER INTERFACE

1. Adjust the front seat to the foremost position and adjust the headrest to a position that does not hinder the installation of the child restraint system.
2. Place the child restraint system on the rear seat and adjust the seat back until the child restraint system is in good contact with it.



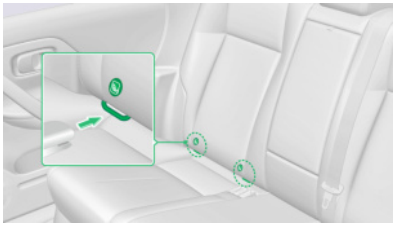
3. Slide the child restraint system locking mechanism into the ISOFIX interface and ensure that both ISOFIX locking mechanisms are properly secured.



4. Press the retaining spring and then pass it through the Top tether interface on the rear side of the seat back, taking care not to curl the top tether strap. When fixing, be sure to pass the top tether strap under the seat headrest. If the headrest interferes with the installation of the child restraint system, remove it or raise it to the highest position.
5. Tighten the top tether strap and try to push and pull the child restraint system in different directions to ensure that it is firmly installed.
6. Reset and adjust the front seats.

INSTALLATION OF CHILD RESTRAINT SYSTEM USING ISOFIX INTERFACE AND SUPPORT LEG

1. Adjust the front seat to the foremost position and adjust the headrest to a position that does not hinder the installation of the child restraint system.
2. Place the child restraint system on the rear seat and adjust the seat back until the child restraint system is in good contact with it.



3. Slide the child restraint system locking mechanism into the ISOFIX interface and ensure that both ISOFIX locking mechanisms are properly secured.
4. Extend the support legs and adjust the length of the lower support legs so that they can fully support the floor inside the car.
5. Try to push and pull the child restraint system in different directions to ensure that it is firmly installed.
6. Reset and adjust the front seats.

⚠ WARNING

- Do not continue to adjust the seat after the child restraint system is installed, which may cause the child restraint system to shift and fail to play its role.
- The fixing device of the child restraint device is only designed to withstand the load generated by a properly installed child restraint device. Under no circumstances shall it be used for adult seat belts, seat belt

fastening devices, or to secure other items or equipment to the vehicle.

- Do not fix more than one child restraint system on a single seat belt or a single fixed interface. The added load of multiple child restraint systems will damage the seat belt or fixed interface, causing serious injury or even life-threatening.
- When installing the child restraint system with a fixed interface, ensure that there are no foreign objects around the fixed interface and the seat belt is not stuck behind the child restraint system.
- The above method of installing the child restraint system is only a general method and may not be applicable to your specific child restraint system. For details, please refer to the installation instructions and precautions attached to the child restraint system you purchased.

NOTE

- The figure takes the rear seat equipped with 2 Top tether interfaces as an example. The installation method of the child restraint system of the rear seat equipped with 3 Top tether interfaces is the same. Please refer to the actual vehicle for details.

INSTRUMENT CLUSTER

INSTRUMENT CLUSTER DISPLAY INFORMATION



1. Speedometer	2. Right information display screen	3. Power meter
4. Gear	5. Remaining power and driving range	6. Acceleration mode
7. Outdoor temperature	8. Time display	

Speedometer: It displays the current vehicle speed in km/h (kilometers per hour) /mph (miles per hour).

Right information display screen: It can display navigation, weather and entertainment information.

Power meter: It displays the current power of drive motor in kW (kilowatt).

Gear: displays the current gear of the vehicle.

Remaining power and driving range: Display the mileage that can continue to travel with the current remaining power.

Acceleration mode: Display the current acceleration mode of the vehicle.

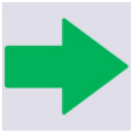
Outdoor temperature: displays the outdoor temperature of the vehicle.

Time display: displays the current time.

NOTE

- Due to environmental and driving factors, the driving mileage may become shorter, please refer to the actual driving mileage of the vehicle.
- Due to regulatory requirements, the speed displayed on the speedometer will be slightly higher than the actual speed.
- The distance unit can be set to km or mi through the "Settings-Display" interface of the central control panel.

INSTRUMENT CLUSTER INDICATOR

Icon	Name	Notes
	Left direction indicator lamp	This indicator lights up when the left turn signal is on or the hazard warning lamp is turned on.
	Right turn signal indicator	This indicator lights up when the right turn signal is on or the hazard warning lamp is turned on.
	Daytime running lamp indicator	When the daytime running lamp is on, this indicator will illuminate.
	Position lamp indicator	When the position light is on, this indicator lights up.
	Rear fog lamp indicator	When the rear fog lamp is on, this indicator lights up.
	Low beam indicator	When the low beam is on, this indicator lights up.
	High beam indicator	When the high beam is on, this indicator lights up.
	Automatic high beam ON indicator	When the automatic high beam is turned on, this indicator lights up.

Icon	Name	Notes
	Automatic high beam working indicator	When the automatic high beam is working, this indicator lights up.
	Automatic high beam fault indicator	When the automatic high beam fails, this indicator light will be on.
	Light fault indicator	When the light fails, this indicator will be on.
	Driving mileage indicator	It displays the driving range of the vehicle with current power.
	Scheduled charging indicator	The central control screen sets the scheduled charging. After the charging gun is connected, the indicator light will light up.
	READY indicator	After the vehicle is started, this indicator lights up.
	Front left seat belt reminder indicator	When there is a passenger in the front left seat and the seat belt is not fastened, this indicator light will be on.
	Front right seat belt reminder indicator	When there is a passenger in the front right seat and the seat belt is not fastened, this indicator light will be on.

Icon	Name	Notes
	Rear seat belt reminder indicator	When there is a passenger in the rear seat and the seat belt is not fastened, this indicator light will be on.
	EPB indicator	When the electronic parking brake is working, this indicator lights up.
	EPB fault indicator	When the electronic parking brake fails, this indicator light will be on.
	Anti-lock brake system fault indicator	When the anti-lock braking system fails, this indicator light will be on.
	Hydraulic brake assist fault/ brake system fault indicator light	When the hydraulic brake assist/brake system has a minor fault, this indicator light will light up. Although it does not affect safe driving, you still need to contact the Leapmotor Automobile Service Centre or authorised service store as soon as possible.
	Electronic brake force distribution system fault/ brake fault/low brake fluid level indicator light	When the electronic brake force distribution system fails/brake fails/the brake fluid level is low, this indicator light will be on, affecting safe driving. Please stop the car safely and contact the Leapmotor Service Centre or authorised service store.
	Power limit indicator	When the motor power is limited, this indicator lights up.
	Charging connection indicator	When the charging gun is connected, this indicator lights up.

Icon	Name	Notes
	Tire pressure fault indicator	This indicator lights up when the tire pressure system is abnormal, or any tire pressure signal is abnormal, leaking, overpressure or underpressure, overtemperature, or low power.
	Airbag fault indicator	When the airbag fails, this indicator light will be on.
	Door status indicator	When the door is opened, this indicator lights up.
	Front engine hood/trunk lid status indicator	This indicator lights up when the front cabin cover/ back door is opened.
	Body stability system/traction control system/anti-rollover system status indicator	When any function of the body stability system/ traction control system/anti-rollover system fails, this indicator light is always on. This indicator flashes when any function of the body stability system/traction control system/anti-rollover system is activated.
	ESP OFF indicator	This indicator lights up when the body stability system is turned off.
	Battery discharge status indicator	When the battery is discharged, this indicator lights up.
	Low power battery indicator	When the power battery is low, this indicator lights up.

Icon	Name	Notes
	Power battery fault indicator	When the power battery fails, this indicator lights up.
	Power battery overtemperature indicator	This indicator lights up when the power battery temperature is too high.
	Full speed range adaptive cruise available status indicator	When the adaptive cruise control is available, this indicator lights up.
	FSRA working indicator	When the adaptive cruise control is working, this indicator lights up.
	Lane assist system available status indicator	When the lane assist system is available, this indicator lights up.
	Lane assist system working indicator	When the lane assist system is working, this indicator lights up.
	Lane assist system pause status indicator	When the lane assist system is working, the system enters a pause state when passing through an intersection, etc., and the indicator light is on.
	Automatic emergency braking fault indicator	When the automatic emergency brake fails, this indicator light will be on.

Icon	Name	Notes
	AEB unavailable indicator	This indicator lights up when the automatic emergency brake is in an unavailable state.
	AEB OFF indicator	This indicator lights up when the driver actively turns off the automatic emergency braking system.
	Speed limit sign identification indicator	When the speed limit sign is identified, this indicator lights up.
	Speed limit sign identification indicator	When there is no speed limit requirement, the indicator light will be on.
	Speed limit sign identification indicator	This indicator lights up when an unreliable speed limit sign is identified.
	Speed limit sign identification indicator	When the overspeed alarm sound is turned off, this indicator lights up.
	Speed limit sign recognition OFF indicator	When the speed limit sign recognition is turned off, this indicator lights up.
	Speed limit sign recognition fault indicator	When the speed limit sign identifies a fault, this indicator light is on.

Icon	Name	Notes
	Vehicle system fault indicator	When the vehicle system fails, this indicator light will be on.
	Electric drive overtemperature indicator	This indicator lights up when the electric drive temperature is too high.
	Motor controller fault indicator	When the motor controller fails, this indicator light is on.
	AVH ON indicator	This indicator lights up when the automatic parking function is turned on but not activated.
	AVH fault indicator	When the automatic parking fails, this indicator light will be on.
	AVH activation indicator	When the automatic parking is activated, this indicator light will be on.
	Insulation fault indicator	When the vehicle insulation fails, this indicator light will be on.
	Driver assistance function fault indicator	When the driving assistance function fails, this indicator light will be on.

Icon	Name	Notes
	HDC activation indicator	This indicator flashes when HDC is activated.
	HDC fault indicator	When the HDC fails, this indicator will be on.
	Parking indicator	When the vehicle fails, this indicator lights up.
	Fatigue monitoring warning activation indicator	When the fatigue monitoring warning is activated, this indicator lights up.
	Distraction warning activation indicator	When the distraction warning is activated, this indicator lights up.
	Fatigue monitoring warning/ distraction warning fault indicator	This indicator lights up when the fatigue monitoring warning/distraction warning system has a recoverable short-term fault (such as the camera is blocked, etc.).
	Fatigue monitoring warning/ distraction warning fault indicator	This indicator lights up when the fatigue monitoring warning/distraction warning system has an unrecoverable long-term fault (such as camera open circuit, etc.).
	Lane departure warning/lane keeping assist function fault indicator	This indicator lights up when the lane departure warning/lane keeping assist function fails.

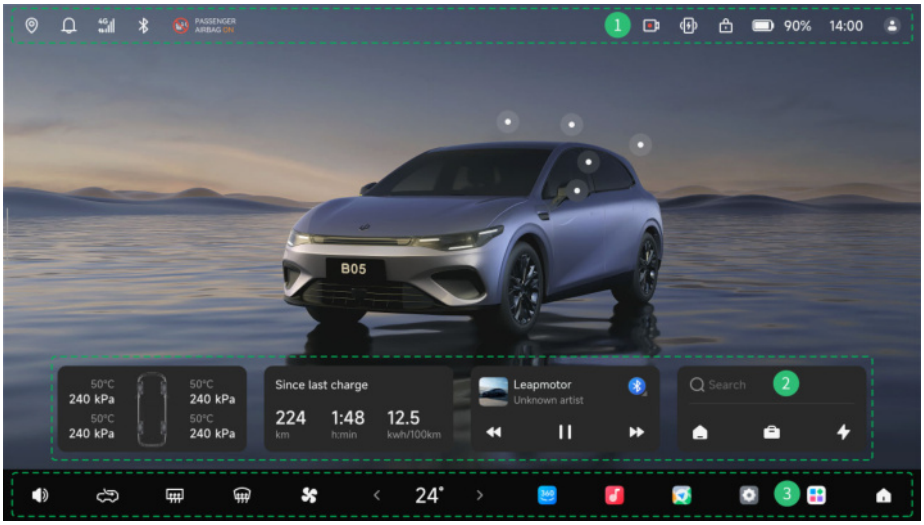
Icon	Name	Notes
	Indicator light for lane departure warning/lane keeping assist meeting activation conditions	This indicator lights up when the lane departure warning/lane keeping assist meets the activation conditions.
	Lane departure warning/lane keeping assist function off indicator	This indicator lights up when the lane departure warning/lane keeping assist function is turned off.
 	Electric power steering system fault indicator	When the electric power steering system fails, this indicator light will be on.

NOTE

- If the indicator lights up or flashes after the vehicle is started or while driving, it means that the relevant system is in a certain working state or has a fault. You should read and understand the meaning of each indicator light in detail. In case of a fault, it is recommended to contact the nearest Leapmotor Service Centre or authorised service store.

INFOTAINMENT SCREEN

INFORMATION DISPLAYED ON THE MAIN INTERFACE



1. Top bar 2. Quick access 3. Bottom bar

Top bar: Display personal centre, power, mobile phone wireless charging, Bluetooth, network, messages and faults, GPS status display, etc.

Shortcut card: Display quick cards such as navigation, multimedia, energy consumption and tire pressure.

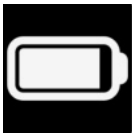
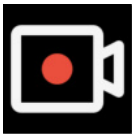
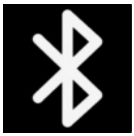
Bottom bar: display shortcut keys such as main interface, application centre, settings, navigation, LEADING, 360° around view, A/C temperature adjustment, A/C ON/OFF, front windscreen defrosting, rear windscreen defrosting, internal/external circulation and volume adjustment.

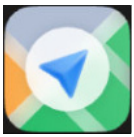
Long press the bottom bar icon except the button to customise the display and arrangement order of the application, control function and status of the bottom bar.

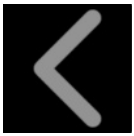
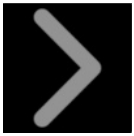
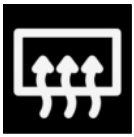
WARNING

- For your driving safety, please do not use the main interface application while driving.

INTRODUCTION TO MAIN INTERFACE ICONS

Icon	Name	Notes
	Personal Centre	Touch to enter the personal centre interface, where you can set preference memory and switch accounts.
	Remaining power	It indicates the remaining power of the vehicle. Touch to enter the charging and discharging setting interface.
	Vehicle lock	Click to set the vehicle unlocking/locking.
	Mobile phone wireless charging	Touch to turn on/off the mobile phone wireless charging function.
	Vehicle travelling data recorder	Touch to enter the dashcam interface.
	Front passenger airbag status*	Display the on or off status of the front passenger airbag.
	Electronic Stability Program	Touch to turn on or off the ESP. The icon is orange when the ESP is off and white when it is on.
	Bluetooth	When Bluetooth is turned off, the icon is grey; when Bluetooth is turned on, the icon is white. Touch to enter the Bluetooth setting interface.

Icon	Name	Notes
	Network	Display the network signal, and touch to enter the WLAN setting interface.
	Message Centre	Touch to enter the message centre interface and view relevant information.
	GPS positioning status	Display GPS positioning status. When GPS is not positioned, the icon is grey; when GPS is positioned, the icon is white.
	Main Interface	Touch to return to the main interface.
	Application Centre	Touch to enter the application centre interface.
	Settings	Touch to enter the setting interface.
	Map	Touch to enter the navigation interface.

Icon	Name	Notes
	Zero Ting	Touch to enter the listening interface.
	360° around view	Touch to enter the panoramic image interface.
	Temperature decrease adjustment	Touch to decrease the set temperature of A/C.
	Temperature increase adjustment	Touch to increase the set temperature of A/C.
	A/C ON/OFF	Touch to turn on/off the A/C system.
	Front windscreen defrosting	Touch to turn on/off the front windscreen defrosting function.
	Rear windscreen defrosting	Touch to turn on/off the rear windscreen defrosting function.
	Internal/external circulation	Touch to switch the A/C circulation mode into internal circulation, external circulation and automatic circulation.

Icon	Name	Notes
	Volume adjustment	Touch to adjust the media volume, navigation volume, phone volume, voice volume, sound and sound effects.

NOTE

- The main interface icon introduction is for reference only. Due to different vehicle configurations and your installation and uninstallation of applications, the actual vehicle shall prevail.

QUICK ACTIONS

Slide down from the upper end of the infotainment screen to display the “Quick Actions” interface.

In this interface, you can quickly set the following functions:

- Quick operation: adjust the screen brightness, one-button screen off, back door, rearview mirror adjustment, dark mode/light mode switching, charging gun unlocking, guardian mode, camping mode and many other functions.
- Edit shortcuts: Touch the "Edit" button on the shortcut interface, or press and hold a cell to edit the shortcut bar. Touch the upper right corner of the cell to add or delete, long press the cell and drag it to edit the position.

VEHICLE SETTINGS

Touch the "Settings" button on the bottom bar of the central control panel or the setting icon in the application centre to control functions such as lighting, doors and windows, charging, driving, intelligent driving, sound, Leapmotor assistant, display, system, etc.

LIGHTING

In the "Lighting" interface, you can touch to set the following functions:

- Turn off all lights, turn on position lights, low beams, and automatic headlights.
- Turn on or off the rear fog lamp.
- Headlamp height adjustment.
- Reading lights: fully on, fully off, left rear, right rear.
- Turn on or off the automatic reading light.
- Turn on or off the automatic high beam.
- Turn on or off the lighting delay.

In the "Atmosphere Light*" interface, you can touch to set the following functions:

- Ambient light: off, on or automatic.
- Set the colour of ambient light.
- Atmosphere lighting effect: static, monochrome flashing, colour-changing flashing.
- Set the brightness of ambient light.
- Turn on or off the ambient light signal.
- Turn music rhythm on or off.

DOORS AND WINDOWS

In the "Doors and Windows" interface, you can touch to set the following functions:
- Window lock: After opening, the co-pilot side and rear passengers cannot operate the corresponding side windows.
- Window adjustment: The driver's side and front passenger's side windows can be controlled to fully open, fully closed, and ventilated positions.
- Window when the car is locked: it can be set to closed window, current, ventilation.
- Sunshade*: The sunshade can be fully opened, fully closed or slid to set the opening of the sunshade.
- Trunk lid: It can be unlocked.

CHARGING

In the "Charging" interface, you can view battery information and charging gun connection status. Touch to set the following functions:
- Charging limit: Adjust the charging limit.
- Charging plug unlocking: Click to unlock the charging plug.
- Safety current limit: After the function is turned on, the maximum current of the portable charging gun will be limited to 8A, which is suitable for 10A sockets to ensure charging safety.
- Slow scheduled charging: After the slow scheduled charging function is turned on, you can set the start time, end time, repetition cycle of the scheduled charging, and turn on or off the charging limit priority function.
- Endurance condition: The endurance mileage display can be set to standard endurance or dynamic endurance.
- Temperature control before charging: It is turned on in advance before fast charging to intelligently adjust the battery temperature and improve charging efficiency.

In the "Discharge" interface, you can view battery information and discharge equipment connection status. Touch to set the following functions:
- External discharge limit: adjust the external discharge limit.
- Discharge plug unlocking: Touch the discharge plug unlocking icon to unlock the discharge gun.

DRIVING

In the "Driving" interface, you can tap to set the following functions:
- Acceleration mode: can be set to comfort, standard or sports mode.
- Energy recovery: can be set to weak, medium and strong.
- Steering mode: It can be set to comfort, standard and sport modes.
- Brake pedal feel: can be set to comfort or sport.
- Rearview mirror adjustment: The left/right exterior rearview mirror angle can be adjusted by the rollers on the left/right side of the steering wheel. It can control the unfolding/folding of rearview mirrors*, turn on the rearview mirror heating function, turn on the automatic folding/unfolding function of rearview mirrors*, and turn on the automatic heating function of rearview mirrors.
- Steering wheel custom button: The function can be triggered when the steering wheel custom button is clicked or double-clicked. Among them, click the combined function setting in the trigger option, and you can complete multiple function settings by clicking the steering wheel custom button with one click, including acceleration mode, energy recovery, intelligent driving, etc.
- Maximum speed limit: The maximum speed limit function can be turned on or off. After the function is turned on, the upper limit of the vehicle's driving speed can be set. The switch and speed limit adjustment cannot be performed during driving, and some intelligent driving functions will be limited.
- L-pedal mode: The L-pedal mode can be turned on or off. It needs to be operated in the parking state. The acceleration and deceleration of the vehicle can be controlled by the accelerator pedal. Emergency braking still requires pressing the brake pedal. After the function is turned on, energy recovery cannot be selected.
- Creeping mode: The creeping mode can be turned on or off. After the mode is turned on, release the brake pedal and the vehicle will move forward slowly.

- Autohold: The automatic parking function can be turned on or off. After the function is turned on, you can choose to turn on or off the automatic parking activation prompt sound.
- Electronic stability system: The electronic stability system function can be turned on or off. Turning off the electronic stability system will increase the risk of vehicle loss of control. Please turn it off with caution.
- Super power saving mode: The super power saving mode can be turned on or off. After the mode is turned on, only the most basic driving functions are retained, and electrical equipment such as air conditioning and entertainment are turned off to maximize the endurance.
- HDC: The HDC function can be turned on or off. After the function is turned on, it assists the vehicle to go downhill smoothly when going down a steep slope.
- Comfortable brake: The comfortable brake function can be turned on or off. After the function is turned on, it can reduce the nodding phenomenon caused by braking and improve driving comfort.
- Automatic wiper sensitivity adjustment*: can be set to low, medium or high.
- Intermittent wiper speed setting*: can be set to slow, medium, fast or extreme.
- Launch mode: You can view the launch mode tutorial.

INTELLIGENT DRIVING

In the "Intelligent Driving-Assisted Driving" interface, you can tap to set the following functions:

- Lane centring assist: The lane centring assist function can be turned on or off. After the function is turned on, when the vehicle is driving, the system actively provides steering torque to keep the vehicle in the middle of the lane. At this time, the driver must always pay attention to the environment and road conditions, and always hold the steering wheel to ensure safe driving.
- Automatic lane change assist: After the lane centring assist function is turned on, the automatic lane change assist function can be turned on or off. After the function is turned on, turn on the turn signal and the vehicle will assist in changing lanes according to the driving environment.
- Front vehicle start reminder: The front vehicle start reminder function can be turned on or off. After the function is turned on, when there is a traffic jam or red light and you need to stop and wait, if the vehicle in front has started and left, the system will issue a prompt sound to remind the driver.
- Intelligent speed limit recognition assistance*: The intelligent speed limit recognition assistance function can be turned on or off. After the function is turned on, you can choose to turn on or off the speed limit change prompt sound, overspeed alarm, overspeed alarm sound, and speed limit control.

In the "Intelligent Driving-Active Safety" interface, you can tap to set the following functions:

- Forward collision warning: The forward collision warning function can be turned on or off. After the function is turned on, the sensitivity of the front collision warning can be set to low, medium or high. During the driving process of the vehicle, when the system detects that the distance between the vehicles ahead is less than the safe distance and there is an emergency collision risk, it will remind the driver through the alarm screen and alarm sound.
- Automatic emergency braking: The automatic emergency braking function can be turned on or off. After the function is turned on, when the vehicle encounters a target such as a vehicle, pedestrian, or obstacle ahead during driving, if the driver does not provide sufficient braking force to slow down the vehicle and the system monitors that there is danger, it will actively provide braking force to avoid or reduce the risk of collision.
- Front Cross Traffic Assist: The front cross traffic assist function can be turned on or off. After the function is turned on, the auxiliary level can be set to warning or warning + braking.
- Lane departure warning and assist: The lane departure and assist warning function can be turned on or off. After the function is turned on, the assistance level can be set to warning, holding, warning + holding, the lane departure warning sensitivity can be set to low or high, and the warning sound and steering wheel vibration can be selected to turn on or off.
- Emergency lane keeping assist: The emergency lane keeping assist function can be turned on or off. After the function is activated, when the vehicle is about to cross the lane line or there is a risk of collision with oncoming vehicles in adjacent lanes, rear vehicles or road edges during driving, the system will actively intervene in steering wheel control for correction to avoid collision. During this process, the driver still needs to focus on driving and pay attention to the surrounding environment at all times.

- Blind spot detection warning: The blind spot detection warning function can be turned on or off. After the function is turned on, the warning mode can be set to light or light + sound.
- Door opening warning: The door opening warning function can be turned on or off. After the function is turned on, there will be a danger reminder when opening the door at low speed or parking.
- Rear collision warning: The rear collision warning function can be turned on or off. After the function is turned on, it detects the risk of rear collision during driving.
- Rear cross traffic assist: The rear cross traffic assist function can be turned on or off. After the function is turned on, the auxiliary level can be selected as early warning or early warning + braking.
- Distraction warning system: The distraction warning function can be turned on or off. After the function is turned on, when the system detects that the driver's attention has left the current driving task and determines it as a dangerous driving behaviour during normal driving of the vehicle, the system will realize the warning prompt function through the instrument and central control to help the driver continue to pay attention to the current traffic conditions.

In the "Intelligent Driving-Assisted Image" interface, you can tap to set the following functions:
- Steering assist image: The steering assist image function can be turned on or off. After the function is turned on, when the steering lever is toggled, the 3D image behind the side of the 360 image will be automatically opened.
- Start assist image: The start assist image function can be turned on or off. After the function is turned on, when the vehicle starts from "P" gear to "D" gear, the 360 image will be automatically turned on.
- Hill-start assist image: The hill-start assist image function can be turned on or off. After the function is turned on, it detects that the vehicle is on a slope and automatically turns on the 360 image.

SOUND

In the "Sound" interface, you can set the following functions:
- Volume adjustment: Touch to adjust the volume of navigation, phone, incoming call ringtone, and intelligent voice.
- Touch tone*: Click to turn on or off the touch tone function.
- Gear shift prompt sound: Touch to turn on or off the gear shift prompt sound function.
- Locking and whistling: Touch to turn on or off the locking and whistling function.
- Vehicle mute during reversing: Touch to turn on or off the vehicle mute function during reversing.
- Decrease media volume during navigation: Touch to turn on or off the function of reducing media volume during navigation.
- Reduce media sound when opening the door: Touch to turn on or off the function of reducing media sound when opening the door.

In the "Sound Effect" interface, you can set the following functions:
- Sound field area*: can be set to the whole vehicle, front row or rear row.
- Sound effect mode: can be set to zero-tone enjoyment, zero-tone surround, zero-tone theater or zero-tone dynamic.
- Equalizer: can be set to custom, pop, rock, classical, dance music, jazz and other equalizers.

LEAPMOTOR ASSISTANT

In the "Leapmotor Assistant" interface, you can touch to set the following functions:
- Voice wake-up: Touch to turn on or off the voice wake-up function. After turning it on, you can listen to the pronunciation of wake-up words, set the wake-up sound zone, and set the continuous conversation duration after wake-up.
- Wake-up-free voice: Touch to turn on or off the wake-up-free voice function. After the function is turned on, the command can be triggered without a wake-up word.
- Voice skills list: Touch to view voice skills examples.

DISPLAY

In the "Display" interface, you can touch to set the following functions:

- Display mode: can be set to light or dark mode.
- Automatic deep/shallow mode switching: Touch to turn on or off the automatic deep/shallow mode switching function.
- Screen brightness: Adjust the display brightness.
- Automatic brightness adjustment: Touch to turn on or off the automatic brightness adjustment function.
- Distance unit: can be set to km, mi.
- Screen cleaning: The screen cleaning function can be turned on. After the function is turned on, the entire vehicle screen will be turned off to prevent accidental touch during cleaning.
- Custom bottom bar: The display and arrangement order of the application, control function and status of the bottom bar can be customized.

SYSTEM

In the "System-Security" interface, you can touch to set the following functions:

- Password start vehicle: Touch to turn on or off the password start vehicle function. If the operation password is not set before the function is turned on, it must be set first before the function can be turned on.
- Life detection: Touch to turn on or off the life detection function. After the function is turned on, it can detect life forms left in the car after powering off and locking the car, and remind through lights, honking, App, and turn on the air conditioner for intelligent intervention. If you leave the vehicle temporarily, you can turn on the delayed detection function, and the vehicle will perform a life detection after 8 minutes.
- Front passenger airbag*: Touch to turn on or off the front passenger airbag. After deactivation, the front passenger airbag will not deploy under any circumstances.
- Set the operation password: Touch the "Set Password" button and enter the operation password to complete the setting. If you need to modify the operation password, touch the "Change Password" button, enter the current password first, then enter the new password, and enter the new password again for confirmation to complete the modification.
- Owner binding authentication: Touch the "Owner Authentication" button and follow the page prompts to complete the binding authentication.

In the "System - Maintenance" interface, you can set the following functions:

- Vehicle power supply: It can be set to maintenance power-off and recovery power-on.
- Electronic handbrake: Touch the "Electronic Handbrake" button to pull up the electronic parking brake (EPB).
- Restart the IVI: Touch the "Restart" button and follow the prompts on the page to complete the restart of the IVI.
- IVI quick start: Touch to turn on or off the IVI quick start function. After turning it on, the starting speed of the vehicle will increase after unlocking, but it will cause additional power consumption. It is recommended to turn it off when the vehicle is not used for a long time.
- Front wiper maintenance: Touch to turn on or off the front wiper maintenance function.

⚠ WARNING

- Maintenance power-off can only be used in emergency situations and when high voltage is required for maintenance. Touching the "Maintenance Power-off" button will immediately power off the vehicle and enter the maintenance mode. If it is triggered during driving, there may be safety risks.

NOTE

- When the IVI system is stuck in operation or has a functional error, it can be restarted and restored to the state when the vehicle was started.

- The front wiper maintenance function can only be used when replacing the wiper blade or repairing the wiper.
- The front wiper maintenance fails to be turned on. Please turn off the wiper maintenance first or try to turn it back on when it is not started.

In the "System - General" interface, you can tap to set the following functions:
- Check the system software version and vehicle VIN code.
- Automatic download of system upgrade package: After it is turned on, the upgrade package will be automatically downloaded when connected to WIFI.
- Application management: Touch the "Cache Clearance" button to view system applications and USB flash drive applications respectively. You can choose to clear the cache by application or select one-click clearing.
- Language: Touch to select the system language.
- Time zone: You can choose to set the time zone automatically or manually.
- Factory reset: Touch the "Restore" button and enter the operation password to complete the factory reset.
- View the Leapmotor Internet of Vehicles Privacy Policy.
- View open source license.
- View privacy permission management.

BLUETOOTH

Touch the Bluetooth icon on the top bar to enter the "Bluetooth" interface. In the "Bluetooth" interface, paired devices and other searchable devices are displayed, and you can tap to select the device you want to connect to set the Bluetooth connection. The specific connection steps are as follows:
1. Turn on the MMI Bluetooth function.
2. Turn on the phone's Bluetooth function.
3. Search on the mobile phone or MMI and start the pairing connection.
4. The last paired device will be automatically connected at the next power-on.

WARNING

- For your driving safety, please do not set up a Bluetooth connection during driving.

WI-FI

Touch the network icon on the top bar to enter the "WLAN" interface. You can touch to set the following functions:
- WLAN: Tap the icon to turn on/off the WLAN functions. After the WLAN function is turned on, you can search for available networks.
- Network: Touch to select the target network, enter the password, touch OK, and you can use it after connecting.

WARNING

- For your driving safety, please do not set up a WLAN connection during driving.

APPLICATION CENTRE

Touch the application icon on the bottom bar of the central control panel to enter the application centre interface. You can select the corresponding App and tap to enter it.

NOTE

- This manual only describes part of the application content. Due to different vehicle configurations and your installation and uninstallation of applications, the actual vehicle application shall prevail.

VEHICLE STATUS

Touch the vehicle status application in the application centre to enter the "Vehicle Status" interface. In this interface, you can view the current vehicle condition, energy consumption information and next maintenance information.

ATTENTION

- In the event of a vehicle malfunction, for your driving safety, it is strongly advised to promptly contact the authorised dealer for check and repair.

BLUETOOTH PHONE

Before using a Bluetooth phone, please ensure that the vehicle is paired and connected to the mobile phone via Bluetooth. After the Bluetooth connection is successful, tap the phone application in the application centre to enter the "Bluetooth Phone" interface.

You can select a specific contact person through the recent calls and contact list, and then tap the contact person to make a call. In this interface, you can also use the numeric keypad to enter the phone number of the contact person for dialling.

WARNING

- For your driving safety, please do not use the numeric keypad while driving to prevent incidents.

ZERO TING

Touch the Leap Audio icon on the bottom bar of the central control screen or click the Leap Audio application in the application centre to enter the Leap Audio interface, where you can switch the sound source to Bluetooth music or USB media.

- Bluetooth music: Before using Bluetooth music, please ensure that the vehicle is paired and connected to the mobile phone via Bluetooth. After successful Bluetooth connection, you can use the Bluetooth music function.
- USB media: When using an external USB flash drive, you can view and listen to the media files in the USB flash drive.

PROFILE

Touch the scenario mode application in the central control touchscreen application centre to enter the "Scenario Mode" interface.

- Guardian mode: Enabled when the battery level is higher than 20%. The air conditioner will remain on after locking and powering off the car. Please do not leave children or pets in the car for a long time.
- Camping mode: In this mode, the external discharge function is still available after locking the car, and the Bluetooth automatic unlocking and locking are temporarily turned off; when the power is lower than the set value, it will automatically exit the camping mode and turn off the air conditioner.

- Experience mode: The vehicle must be in the parking state to turn on this mode. After turning it on, the vehicle cannot drive and you can experience the vehicle statically.
- Car wash mode: Turning on the car wash mode will turn off the automatic locking when leaving the car, and switch the windows and air conditioning to internal circulation to meet the needs of car washing. If automatic vehicle washing requires vehicle transmission, please ensure personnel is in the driver seat and shift to N gear, release the EPB to avoid damage to the vehicle.
- Off-vehicle power supply mode: In this mode, the non-inductive Bluetooth key will not automatically lock the car after leaving the car this time, and the car will remain powered. After actively locking the car, it will exit this mode. It will automatically exit this mode when the battery level is lower than 20%. Please do not leave children or pets alone in the car.

ZERO-MOTION SPACE

Touch the zero-motion space application in the central control screen application centre to enter the "zero-motion space" interface. In this interface, you can create custom scenarios, freely combine vehicle functions, and trigger them with one button to meet the needs of different scenarios.

VOICE RECOGNITION

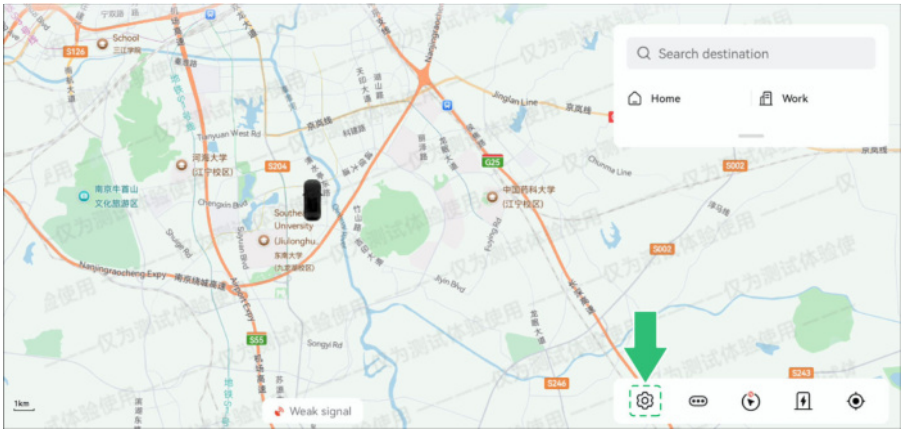
The voice recognition function can be turned on in the following two ways:
- Press the voice button on the right side of the steering wheel to turn on the voice recognition function.
- In the "Settings-Leapmotor Assistant" interface, touch the "Voice Wakeup" button to turn on the voice wakeup function. After activation, the voice assistant can be directly activated by uttering the wake-up phrase "Hi, Leapmotor".

NOTE

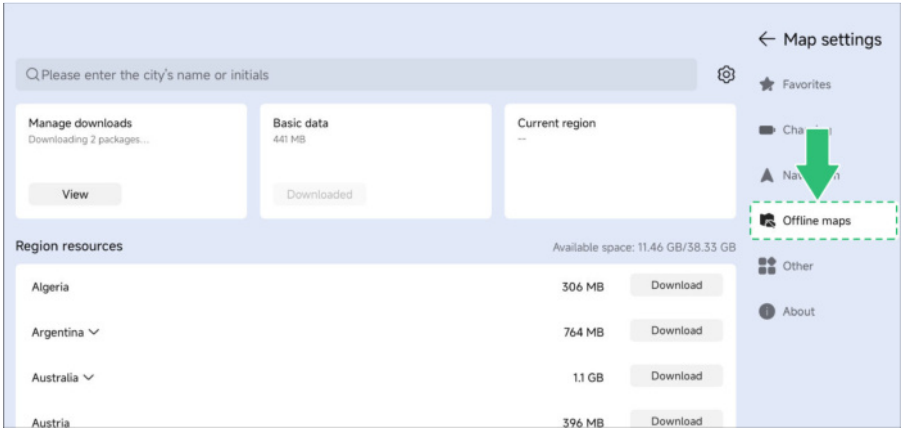
- Upon voice activation, the system will respond accordingly. At this point, you may verbally command desired functions or operations, such as "Activate low beam", whereupon the MMI will recognise and execute the instruction to illuminate the low beam. Press the voice button on the right side of the steering wheel again to turn off the voice recognition function.

MAP UPDATE

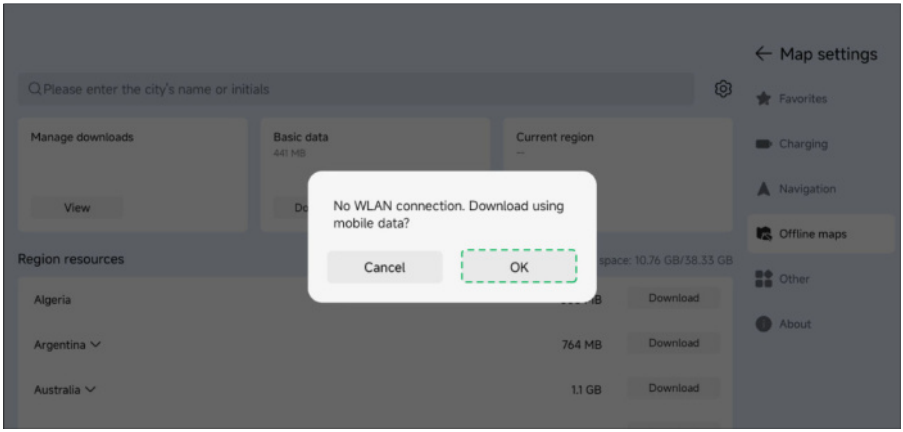
When you need to update the map, follow these steps:
1. Touch the navigation card or navigation application icon on the main interface of the central control screen to enter the map interface.



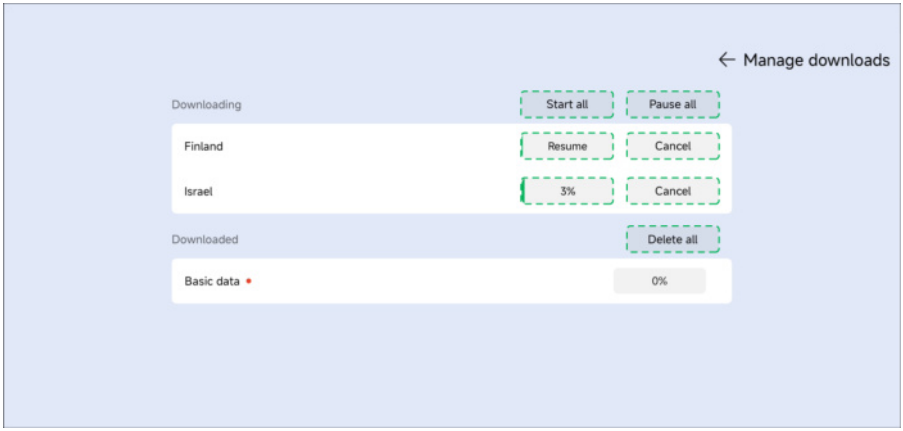
2. Touch the setting button in the operation bar to enter the "Settings" interface.



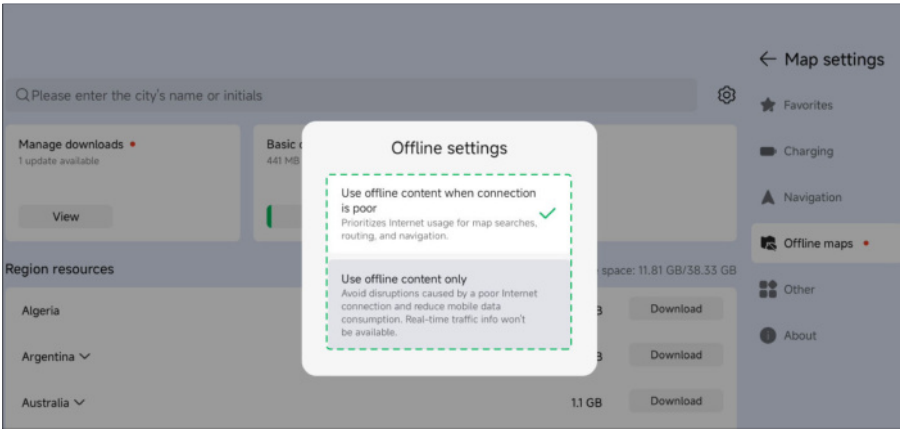
3. Offline map: Click "Offline Map" in the navigation bar to view the download status of the offline map list (downloadable/downloaded).



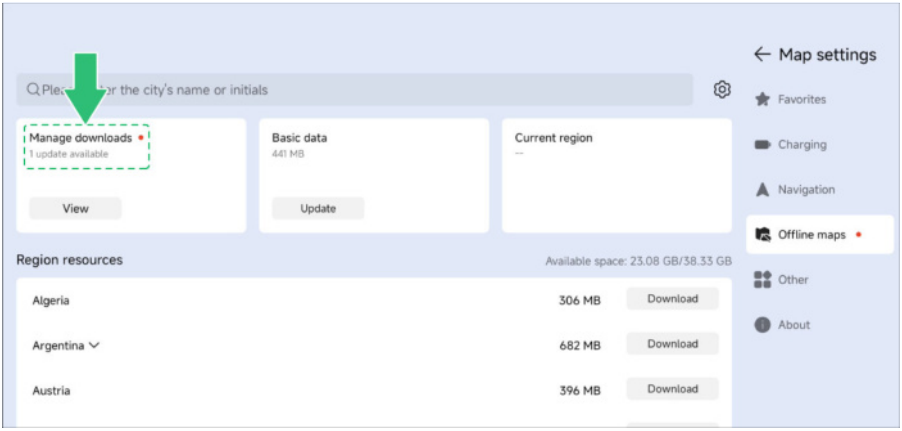
4. Regional resources: support searching and pulling down to view offline map resources displayed by city or country level. After clicking "Download", if there is no WLAN connection at present, it will prompt "No WLAN connection, do you want to use mobile network to download?" You can download after confirmation.



5. Download management: You can view the downloading and downloaded areas, and support operations such as "Pause", "Continue Download", "Cancel Download" and "Delete". Touch the download progress button to pause the download, and touch it again to resume the download. Downloaded regional resources can be deleted. Tap Delete in the pop-up prompt to complete the deletion.



6. Offline map setting: support switching between online map priority/offline map priority.



7. Resource update: When there are regional resources that can be updated, there will be a red dot mark to prompt.

NOTE

- If the update fails according to the above operations, please contact the authorised dealer.

OTA UPGRADE

This vehicle has OTA upgrade function. The OTA upgrade steps are as follows:

1. Touch to enter the "Settings-System-General" interface. When the IVI system detects an OTA upgrade package pushed by Leapmotor, it will prompt that there is an update. After touching to confirm, the system will pop up an upgrade prompt.

2. Read and tap to agree with the information shown in the upgrade prompt interface, tap "Confirm", and wait for installation. If "Cancel" is touched, the next time you install it, you can touch the system upgrade icon in the top bar of the central control screen to open the system update interface for installation and upgrade.
3. During the upgrade process, the central control screen and instrument cluster may be restarted several times, and functions such as window control and vehicle unlocking and locking may be temporarily unavailable.
4. After the upgrade is completed, the system will restart and the vehicle can be restored to use.

NOTE

- Before upgrade, make sure that the vehicle is in P gear, apply parking brake, and make that the vehicle SOC is not less than 20%.
- Some functions may not work properly during the upgrade process.
- If the upgrade conditions are not met, the central control screen will give information feedback until the conditions are met and the IVI system is upgraded.
- During the upgrade process, the vehicle cannot drive, the upgrade interface is displayed on the central control screen and the instrument cluster, and other operations cannot be performed.
- If the upgrade fails, some vehicle functions may experience abnormalities (failure to charge or failure to release the electronic parking brake, etc.). There will be corresponding fault prompts on the central control screen. If you cannot drive or the vehicle power supply cannot be switched to the "READY" state, it is recommended to contact the Leapmotor Service Centre or authorised service store for help.

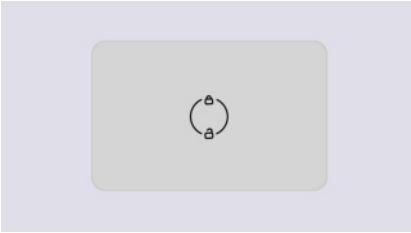
MOBILE PHONE INTERCONNECTION

The mobile phone interconnection method is as follows:

1. Open the IVI Bluetooth interface and turn on the IVI Bluetooth.
2. Turn on Bluetooth for iPhone/Google phone and enter the Bluetooth interface.
3. Search for the mobile phone Bluetooth device to be connected through vehicle-end Bluetooth, and click "Pairing".
4. After both parties agree, the vehicle end will prompt whether it is necessary to switch to CarPlay or Android Auto*.
5. Click OK to connect and display the corresponding projection interface.
6. Select CarPlay/Android Auto* from the drop-down shortcut bar, and click again to disconnect.

VEHICLE KEY

NFC KEY



Unlocking: Touch the NFC identification area of the driver's exterior rearview mirror for more than 1s to unlock.

Locking: When all doors are closed and in the "P" gear, tap the NFC identification area of the driver's exterior rearview mirror for more than 1s to lock and power off the vehicle.

WARNING

- Do not leave children or disabled people alone in the vehicle, otherwise accidents or even life-threatening situations may occur because they cannot leave the vehicle on their own.
- If you use any medical electrical equipment (such as a cardiac pacemaker or implantable cardioverter defibrillator), please consult the manufacturer of the medical device to confirm whether the NFC key may affect the normal operation of the implanted device before use.

ATTENTION

- Avoid contact between the NFC key and liquid, otherwise it may be damaged.
- Do not place the NFC key together or too close to devices that can generate magnetic fields (mobile phones, audio, etc.), otherwise it may cause the function of the NFC key to fail.
- When you leave the vehicle, be sure to carry the NFC key with you; otherwise, it may not be possible to lock the vehicle.
- The NFC key is an electronic part, please avoid hitting, dismantling or placing it in a place of high temperature, humidity and strong vibration.
- If the NFC key is lost or damaged, it is recommended to contact an authorised dealer as soon as possible, so as to avoid vehicle theft or incidents.
- Do not put the NFC key in the boot, as it may be locked in the car by mistake.
- Do not place the NFC key in a high temperature place, such as on the dashboard exposed to the sun in summer.
- Do not disassemble the NFC key at will.
- Do not bend the NFC key.
- Do not place the NFC key in the charging area when wireless charging is turned on.
- Do not immerse the NFC key in water or clean it in an ultrasonic scrubber.
- Do not place NFC keys together with devices that emit electromagnetic waves, such as mobile phones.
- Do not attach any objects (such as metal seals) that will cut off electromagnetic waves to the NFC key.
- You can register a spare key for your vehicle. For more information, it is recommended that you contact an authorised dealer.
- The NFC key is for near-field communication, and the identification needs to be completely fitted, so it is necessary to pay attention to the position where the NFC is placed.
- The identification distance of the NFC key is within 1 - 2cm, and the identification may take 1 - 2s.
- Do not put the NFC key close to or in contact with metal or magnetic materials.
- Do not stick anything to the surface of the NFC key.
- Do not install protective covers (such as metal protective covers) that may interfere with the signal.

NOTE

- The driver needs to ensure that the vehicle is locked before leaving the vehicle.
- This product has the "micropower short-range wireless transmission capability" stipulated in the "Wireless Management Regulations of the People's Republic of China". According to the regulations, the prompt information is as follows:
  (I) The NFC module is a Class C device in the general micropower equipment that meets the "Catalog and Technical Requirements for

Micropower Short-Range Radio Transmitting Equipment" and is used to unlock, lock and start vehicles. Antenna type: onboard antenna, operating frequency: 13.56MHz, frequency tolerance: 13.56MHz±1.35kHz.

(II) It is not allowed to change the use scenario or conditions, expand the transmission frequency range, increase the transmission power (including installing additional RF power amplifiers), and change the transmitting antenna without authorisation.

(III) No harmful interference shall be caused to other legal radio stations, nor shall protection from harmful interference be proposed.

(IV) It should withstand interference from industrial, scientific and medical (ISM) application equipment that radiates radio frequency energy or other legal radio stations.

(V) If harmful interference is caused to other legal radio stations, they should be stopped immediately and measures should be taken to eliminate the interference before continuing to use them.

(VI) The use of micro-power equipment in aircraft and in electromagnetic environmental protection areas such as radio astronomy observatories, meteorological radar stations, satellite earth stations (including measurement and control, ranging, receiving, navigation stations), military and civilian radio stations, airports, etc. designated in accordance with laws, regulations, relevant national regulations and standards shall comply with the provisions of electromagnetic environmental protection and relevant industry authorities.

(VII) It is prohibited to use various model remote controls in an area with a radius of 5,000 meters centreed on the centre point of the airport runway.

(viii) NFC is used at a temperature of -40~85℃ and a voltage of 9~16V.

(IX) The use of micro-power short-range radio transmission equipment shall comply with the relevant national radio management regulations.

MECHANICAL KEY



If the NFC key does not work, you can use the mechanical key to unlock/lock the driver's door, but the vehicle cannot be started.

NOTE

- The mechanical key is provided separately with the vehicle. Please store and safeguard the mechanical key independently to prevent loss.

BLUETOOTH KEY

The Bluetooth key is integrated into the Leapmotor App, which can perform close-range unlocking and locking operations on the vehicle when the network is abnormal or the APP cannot be used for remote unlocking and locking.

A Bluetooth connection is established between the mobile phone and the vehicle and only after authentication, can it be recognised as a legitimate key:

1. Turn on the Bluetooth switch on your mobile phone.
2. Set the Leapmotor App location permission to "Always Allow".
3. Log in to the Leapmotor App.
4. Select the current vehicle on the "My Vehicle" interface.
5. Tap the Bluetooth key icon in the "My Car" interface to enter the setting interface to turn on the function.

NOTE

- If you need to use the Bluetooth key, please turn on your mobile phone's Bluetooth first

and turn on the mobile phone location information.

- Within the effective range of the vehicle, you can use the Bluetooth key in Leapmotor App to operate the above functions. At the same time, this operation can be used normally without relying on the network (the first connection requires Internet access, and subsequent uses do not need to rely on the network).
- In order to ensure the normal use of Bluetooth key function and better Bluetooth experience, please update the Leapmotor App version on your mobile phone in time.
- This product has the "micropower short-range wireless transmission capability" stipulated in the "Wireless Management Regulations of the People's Republic of China". According to the regulations, the prompt information is as follows:
  (I) The Bluetooth module is a Class F device in the general micro-power equipment that meets the "Catalog and Technical Requirements for Micro-Power Short-Range Radio Transmitting Equipment" and is used to realise keyless entry and mobile phone interconnection functions. Antenna type: ceramic antenna, operating frequency: 2.4GHz.

  (II) It is not allowed to change the use scenario or conditions, expand the transmission frequency range, increase the transmission power (including installing additional RF power amplifiers), and change the transmitting antenna without authorisation.

  (III) No harmful interference shall be caused to other legal radio stations, nor shall protection from harmful interference be proposed.

  (IV) It should withstand interference from industrial, scientific and medical (ISM) application equipment that radiates radio frequency energy or other legal radio stations.

  (V) If harmful interference is caused to other legal radio stations, they should be stopped immediately and measures should be taken to eliminate the interference before continuing to use them.

  (VI) The use of micro-power equipment in aircraft and in electromagnetic environmental protection areas such as radio astronomy observatories, meteorological radar stations, satellite earth stations (including measurement and control, ranging, receiving, navigation stations), military and civilian radio stations, airports, etc. designated in accordance with laws, regulations, relevant national regulations and standards shall comply with the provisions of electromagnetic environmental protection and relevant industry authorities.

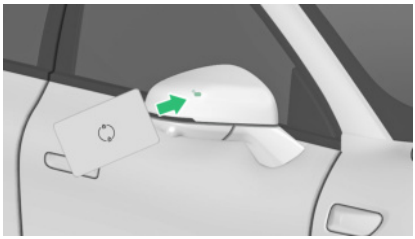
  (VII) It is prohibited to use various model remote controls in an area with a radius of 5,000 meters centreed on the centre point of the airport runway.

  (viii) The temperature condition when the Bluetooth module is used is: -40~85℃, and the voltage condition is: 9V~16V.

  (IX) The use of micro-power short-range radio transmission equipment shall comply with the relevant national radio management regulations.

DOOR

DOOR UNLOCKING/LOCKING WITH NFC KEY



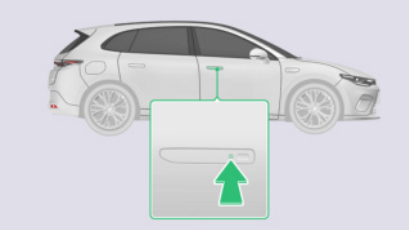
Use a legal NFC key to gently touch the card swiping area (the driver's exterior rearview mirror for more than 1s). After the vehicle detects the NFC key, it can realise the unlocking/locking function.

NOTE

- Automatic folding/unfolding of rearview mirrors* can be set on the central control panel.

DOOR UNLOCKING/LOCKING WITH BLUETOOTH KEY

After an effective connection is established between mobile phone Bluetooth and vehicle Bluetooth, the keyless entry function can be realised by carrying the mobile phone Bluetooth key.



When the vehicle is locked, press the driver's door handle button to unlock it.

When the vehicle is unlocked, it is stationary and all doors are closed. If there is no one on the driver's side at this time, press the driver's door handle button to lock and power off the vehicle.

Press and hold the door handle button for more than 20s to reset the Bluetooth key. (If the Bluetooth key is displayed as unavailable or cannot be detected when using it to control the vehicle, you can try this operation to solve the fault.)

NOTE

- When connecting a Bluetooth key, the Bluetooth function of your mobile phone must be turned on and the mobile phone location information must be enabled.

UNLOCK/LOCK DOORS WITH STEERING WHEEL BUTTON

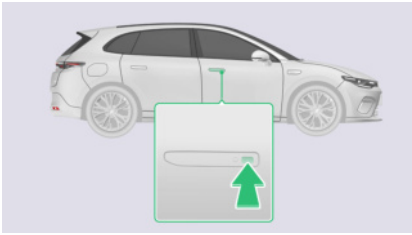


When all doors are closed, press the vehicle unlock/lock button on the steering wheel to unlock/lock all doors.

UNLOCKING/LOCKING DOORS WITH CENTRAL CONTROL PANEL BUTTONS

When all doors are closed, touch the "Vehicle Lock" hotspot icon on the homepage of the central control screen or the vehicle lock icon on the top bar to unlock/lock all doors.

DOOR OPENING FROM THE OUTSIDE



When the vehicle is unlocked, press the concave feature of the door handle with your finger to make the rear end of the door handle tilt up, and pull the rear end of the door handle to open the door. When released, the door handle will retract automatically.

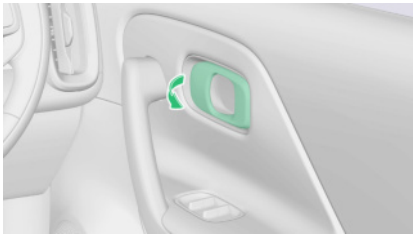
ATTENTION

- When the temperature is below 0℃, do not use a high-pressure water extinguisher to wash the car directly at the door handle, but gently wipe it with a wet rag or other cleaning tools.

NOTE

- If the door handle is frozen by ice and snow, you can repeatedly press the back end of the handle hard for many times to remove the ice. If the ice is thick, you need to use a tool to remove the ice to help open the door.

INSIDE DOOR OPENING HANDLE



When the vehicle is locked, pull up the inner door handle towards the inside of the vehicle to unlock the corresponding side door. Pull up the inner door handle again to open the car door.

WARNING

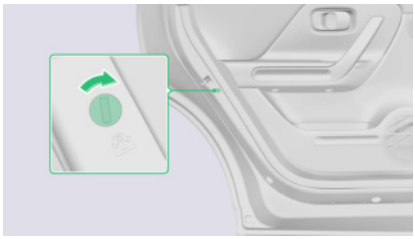
- Don't pull any interior door handle during driving.

ATTENTION

- After the child safety lock is turned on, you cannot open the rear door from the inside. At this time, you should unlock the door and open the door from the outside. Do not pull the inner door handle too hard to avoid damage.

CHILD SAFETY LOCK

The rear doors of the vehicle are equipped with child safety locks to prevent children from opening the door from inside.



Insert the mechanical key into the child safety lock and turn it in the direction shown in the figure. The door cannot be opened from inside the car, and an external door handle must be used.

ATTENTION

- When the child safety lock is turned on, do not leave children alone in the car to avoid accidental injury.
- When the child safety lock is opened, it is necessary to confirm the opening status to prevent failure to open.

NOTE

- When there are children in the car, please activate the child safety lock.
- When the child safety lock is turned on, the rear inner door handle is disabled. At this time, the rear door can only be opened from outside.
- The figure only takes the left rear door as an example, and the operation method of the child safety lock of the right rear door is the same.
- The child safety locks of the left and right rear doors need to be turned on separately.

DOOR UNCLOSED REMINDER

When the door is not closed, the door ajar indicator light in the instrument cluster will light up.

AUTOMATIC DOOR UNLOCKING AFTER COLLISION

In case of collision, the door will be unlocked automatically, and the hazard warning lamp will be turned on automatically.

NOTE

- When a vehicle is subject to a strong impact, whether the door is automatically unlocked depends on the specific impact strength and the type of incident.

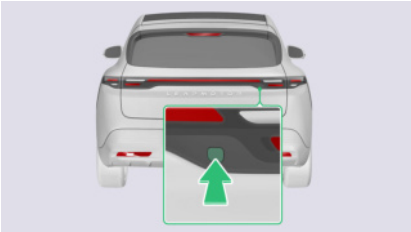
AUTOMATIC LOCKING DURING DRIVING

When the vehicle speed is greater than 15km/h (9mile/h), the door will be locked automatically.

LIFTGATE

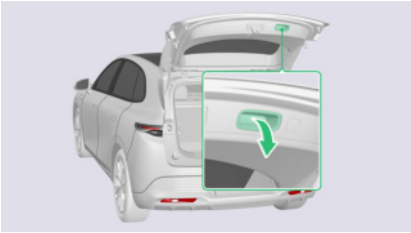
TRUNK LID OPENING/CLOSING

OPENING THE TRUNK LID WITH EXTERIOR TRUNK LID SWITCH



When the vehicle is unlocked and stationary, if the back door is closed, press the switch outside the back door to unlock the back door. Manually lift the back door upwards to open it.

CLOSE THE TRUNK LID



Pull the closing handle inside the back door down to close to the rear bumper, and then press it slightly hard to close.

WARNING

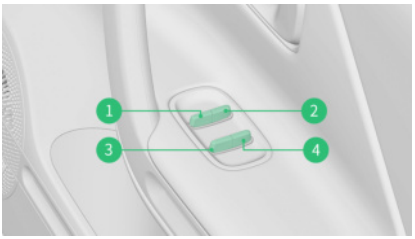
- When opening or closing the back door, operate slowly to prevent pinching or vehicle damage.

NOTE

- When the trunk lid cannot be opened normally, it can be opened from inside the vehicle in an emergency. Please refer to "Emergency Rescue-Product Information-Emergency Device Information" for specific methods.
- On the "Settings-Doors and Windows" interface of CID, tap the "Trunk Lid" button to unlock the trunk lid.

POWER WINDOW

DRIVER'S SIDE WINDOW CONTROL



1. Left front power window control button
2. Right front power window control button
3. Left rear power window control button
4. Right rear power window control button

MANUAL WINDOW LIFTING

Press and hold the corresponding window control button backward to raise the corresponding side window. Release the button, and the window stops rising.

AUTOMATIC WINDOW LIFTING

Short press the corresponding window control button backward to raise the corresponding side window, and release the button to raise the window to the fully closed position.

MANUAL WINDOW LOWERING

Press and hold the corresponding window control button forward to lower the corresponding side window. Release the button, and the window stops falling.

AUTOMATIC WINDOW LOWERING

Short press the corresponding window control button forward to lower the corresponding side window, and release the button to lower the window to the fully open position.

ATTENTION

- When the battery is low or powered off, open the door. If the door glass is at the highest position and does not drop slightly, do not close the door to prevent damage to the glass and seals. If you need to close the door, please ensure that the glass drops slightly after grounding before closing the door.
- When the temperature outside the car is low, the window may freeze on the seal. Therefore, when unlocking or opening the door, the glass cannot drop slightly. In this case, it is not allowed to open the door. You can refer to the following steps:
  - Lock the vehicle again.
  - A/C heating, defrosting and demisting.
  - Unlock the vehicle again and check its functions.
  - Repeat the process as necessary until the window works unrestricted.

WINDOW CONTROLLED BY CENTRAL CONTROL PANEL

You can set the windows in the “Settings - Doors and Windows” interface of the Infotainment Screen.

- Set the current window position to fully closed, fully opened or ventilated.
- Set the window lock function to turn on or off. After the window lock function is turned on, the front passenger and rear passengers cannot operate the corresponding windows.
- Set that when the vehicle is locked, perform the operation of keeping the current status, closing the window or ventilating.

WARNING

- The driver is responsible for instructing other passengers on how to use the power windows to ensure safety.
- Do not let children operate windows to avoid pinching.
- When closing the window, please make sure that the driver and all occupants keep their heads, hands and other parts away from the window, so as not to cause accidental injury.

NOTE

- Refer to the driver's side window button for the use of other window buttons.
- Please check whether the windows are completely closed before leaving the vehicle.
- When a single window is raised or lowered several times in succession, the window may enter the protection state. At this time, the window cannot be operated to raise or lower. The window will return to normal after about 2 minutes.
- The windows have the automatic rise and fall function only after initialisation. If the windows cannot rise and fall automatically, they need to be re-initialised.

WINDOW ANTI-PINCH FUNCTION

All the four door windows of the vehicle have the anti-pinch function. During the automatic rise of the window, if an obstacle is detected to hinder the operation of the window, the window will move in reverse for a certain distance and then stop.

WARNING

- Light or small objects cannot interrupt the operation of the window, and the anti-pinch function may not work.
- It is strictly prohibited to use any part of the body to test the anti-pinch function.
- Although there is anti-pinch protection, it should still be noted that the closing area of the car window is unobstructed, but in special circumstances (such as thin or soft obstacles), it will not be possible to ensure that the anti-pinch function is activated.
- When driving on special road conditions, closing the windows may trigger the anti-pinch function.
- Do not operate when there is an obstacle in the position of the window to avoid pinching or damaging the window.

WINDOW INITIALISATION

The window initialisation operation is as follows:

1. Close the door.
2. Manually lower the window to BDC.

3. Manually raise the window to the top dead center and hold it for more than 3s. After the motor stops working, release the button.
4. Manually lower the window to the bottom dead center to complete the window initialisation.

NOTE

- After the initialisation is lost, the window can still be raised/lowered manually. After re-operating to complete the window initialisation, the automatic raising/lowering function can be restored.

ELECTRIC SUNSHADE*

SUNSHADE CONTROL

In the "Settings-Doors and Windows-Sunshade" interface of the central control panel, you can slide up and down in the sunshade area to control the sunshade to open to the corresponding proportion.

WARNING

- Do not operate when there is an obstacle in the position of the sunshade to avoid pinching or damaging the sunshade.
- Do not allow children to operate the sunshade to avoid being pinched.
- When closing the sunshade, be careful to prevent the occupant's body parts from being pinched by the closing sunshade, otherwise it will cause serious injury.

NOTE

- When the sunshade runs for more than 120s, the motor thermal protection function is activated and the sunshade will stop moving.

ANTI-PINCH FUNCTION OF SUNSHADE

When the sunshade encounters an obstacle during closing, it will slide backward to a certain position.

WARNING

- The anti-pinch function of the sunshade cannot pinch thin or small articles.
- It is strictly prohibited to use any part of the body to test the anti-pinch function.
- When closing the sunshade, make sure that all occupants' heads, hands and other parts are kept away from the sunshade. so as to avoid causing accidental injury to the passengers.

SUNSHADE INITIALISATION

If the sunshade cannot be closed normally or is not closed completely after used for a period of time, it is necessary to initialise the sunshade.

1. In the "Settings-Doors and Windows" interface of the central control panel, after pressing and holding the sunshade button for 10 seconds, the sunshade starts to move (the button can be released when the sunshade starts to move). After the sunshade will move to the fully open position, it will move again to the fully closed position. After recording the fully closed position, the sunshade will stop moving to the fully open position again, and initialisation is completed.
2. The central control screen will prompt whether the sunshade initialisation is successful or failed. If it prompts that the sunshade initialisation fails, please repeat the above steps and operate again.

WARNING

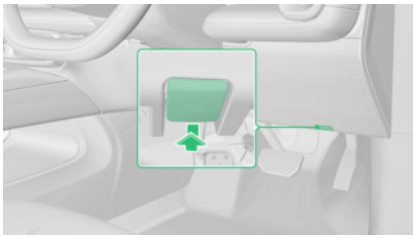
- During the initial operation of the sunshade, be careful to prevent the occupant's body parts from being pinched by the closing sunshade, otherwise it will cause serious injury.

NOTE

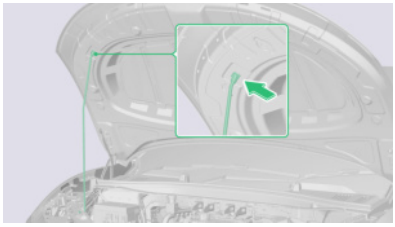
- During the initialisation operation of the sunshade, if you touch the sunshade button again and the sunshade stops running, it will cause initialisation failure and need to be re-operated.
- During the initialisation operation of the sunshade, disconnection of the vehicle power supply will cause initialisation failure and need to be re-operated.

BONNET

BONNET OPENING



1. Pull up the front compartment cover opening handle at the lower right of the dashboard twice in a row, and the front compartment cover will unlock and bounce up slightly.



2. Lift the front engine compartment cover upward and support it with a stay rod.

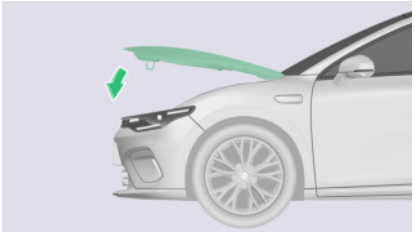
WARNING

- Do not open the front engine hood when the vehicle is running.

ATTENTION

- To avoid scratches, do not carry any objects in your hands (such as car keys, jewelry, etc.).
- When opening the bonnet in case of snow or ice in winter, clear the snow (or ice) from the bonnet before opening it.

BONNET CLOSING



Before closing the front cabin cover, check that there are no tools, waste cloth, etc. left in the front cabin, retract the support rods, and then slowly lower the front cabin cover to a certain height, release the front cabin cover to let it fall freely and ensure it is locked in place. If necessary, press the front edge of the front cabin cover to lock it.

If the front engine cover is not completely closed, reopen it and then close it correctly.

WARNING

- Before driving, make sure that the front cabin cover is closed and locked, otherwise it may suddenly open during driving, causing an accident.
- Before closing the front compartment cover, ensure that the closed path under the front compartment cover is not blocked; otherwise, there will be a risk of personal injury.
- A large number of electronic devices and high-voltage wiring harnesses are concentrated in the front compartment. Although the vehicle design meets relevant electromagnetic compatibility standards, if you use any medical electrical equipment, such as implantable cardiac pacemakers or implantable cardiovascular defibrillators, please do not get close to the front compartment area when the front compartment of the vehicle is opened for operation, which may affect the medical electrical equipment and cause serious personal injury or even life-threatening.

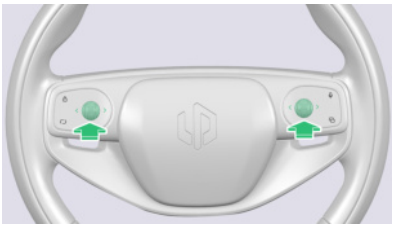
NOTE

- Do not press the front compartment cover hard to avoid damage.

EXTERIOR REARVIEW MIRROR

ELECTRIC ADJUSTMENT OF EXTERIOR REARVIEW MIRROR

1. On the "Settings-Driving" interface of CID, tap the "Rearview Mirror Adjustment" button to enter the rearview mirror adjustment interface.



2. Roll the left/right roller of the steering wheel up and down to adjust the angle of the left/right exterior rearview mirror. Turn the left/right roller of the steering wheel to the left or right to adjust the angle of the left/right exterior rearview mirror.

⚠ WARNING

- It is strictly prohibited to adjust the exterior rearview mirror during driving to prevent incidents caused by distraction.

EXTERIOR REARVIEW MIRROR HEATING

When driving in rainy days, water droplets are easy to remain on the exterior rearview mirror, causing obstruction of the driver's field of vision and affecting driving safety. The exterior rearview mirror heating function heats the exterior rearview mirror lens to evaporate the water droplets on the lens and keep the exterior rearview mirror clear.

In the "Settings-Driving-Rearview Mirror Adjustment" interface of the central control panel, you can turn on or off the exterior rearview mirror heating function by touching the "Heating" button.

⚠ WARNING

- During the heating of the rearview mirror, do not touch the exterior rearview mirror lens with your hands to avoid burns.

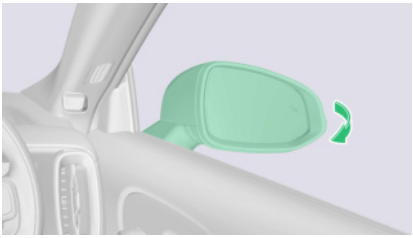
ELECTRIC FOLDING OF EXTERIOR REARVIEW MIRROR*

When the exterior rearview mirror is unfolded, tap the "Fold" button on the "Settings-Driving-Rearview Mirror Adjustment" interface of the central control panel to fold the exterior rearview mirror electrically. When the exterior rearview mirror is folded, touch the "Unfold" button to unfold it electrically.

AUTOMATIC FOLDING OF EXTERIOR REARVIEW MIRRORS AFTER VEHICLE LOCKING*

After the automatic folding/unfolding function of exterior rearview mirrors is turned on in the "Settings-Driving-Rearview Mirror Adjustment" interface of the central control panel, when the vehicle is unlocked, the exterior rearview mirrors will automatically unfold; when the vehicle is locked, the exterior rearview mirrors will automatically fold.

MANUAL FOLDING OF EXTERIOR REARVIEW MIRRORS



The exterior rearview mirror can be folded by pushing it towards the rear of the vehicle.

⚠ ATTENTION

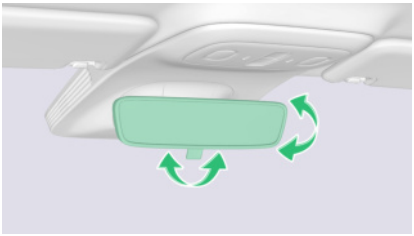
- Do not manually fold the exterior rearview mirrors with electric folding function frequently, otherwise it will damage the

internal folding mechanism prematurely and cause the electric folding to fail.

INTERIOR REARVIEW MIRROR

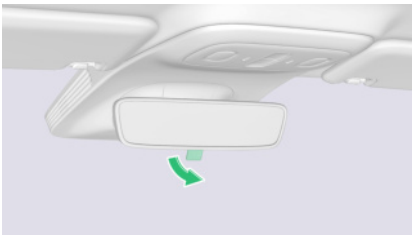
ADJUSTMENT OF INTERIOR REARVIEW MIRROR

Before driving the vehicle, please adjust the rearview mirror to a proper angle.



Turn the rearview mirror up and down, left and right to adjust it to a suitable rearview position.

MANUAL ANTI-GLARE



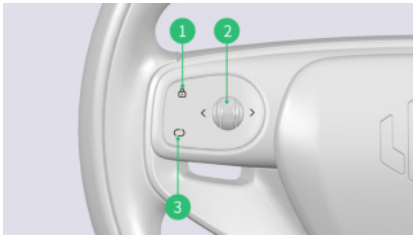
When the light from behind is too strong, pull the flip handle at the bottom of the rearview mirror to rotate the mirror surface by an angle to prevent the driver from being dazzled.

⚠ WARNING

- Do not adjust the rearview mirror during driving to avoid distraction and cause the vehicle to lose control.
- When adjusting the rearview mirror, do not adjust it violently after it is stuck to avoid causing the rearview mirror to fall off.
- Do not install any objects around the rearview mirror to avoid affecting the driver's observation of road conditions.
- Do not hang heavy objects or shake or drag hard on the interior rearview mirror.

STEERING WHEEL

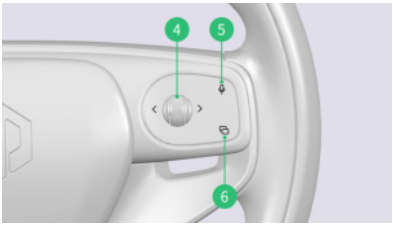
STEERING WHEEL BUTTON INFORMATION



1. Unlock/Lock button
   - Press the button to unlock/lock the vehicle. (Operation is invalid when the vehicle is in anti-theft state.)

2. Left roller
   - Cruise scenario: The cruising speed increases by 1 km/h for each grid rolled up; the cruising speed decreases by 1 km/h for each grid rolled down; when full-speed adaptive cruise (ACC) and lane centering assist (LCC) are turned on, and the instrument displays a speed limit reminder, press to confirm the control speed; turn left to reduce the following distance; turn right to increase the following distance.
   - Exterior rearview mirror adjustment scenario: Roll up and down to adjust the angle of the left exterior rearview mirror up and down; turn left and right to adjust the angle of the left exterior rearview mirror left and right.

3. Custom buttons
   - Press the button (single or double-click) to turn on the custom function.
   - The custom function can be set through the "Settings-Driving-Steering Wheel Custom Button" interface of the central control panel.

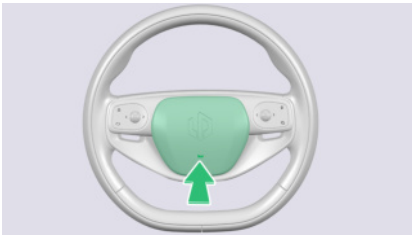


4. Right roller
   - Media playback scenario: scroll up to increase the volume, scroll down to decrease the volume; press the wheel multimedia play/pause. Pull left to switch to the previous song; pull right to switch to the next song.
   - Bluetooth phone scenario: When a call comes in, dial left to answer the call and right to hang up.
   - Exterior rearview mirror adjustment scenario: Roll up and down to adjust the angle of the right exterior rearview mirror up and down; turn left and right to adjust the angle of the right exterior rearview mirror left and right.
   - Navigation scenario: Scroll up to select the previous navigation path, and scroll down to select the next navigation path.

5. Voice button
   - Press the button to enable the voice recognition function.

6. Instrument information switch button
   - Press the button to cyclically switch the information display on the right side of the instrument.

HORN

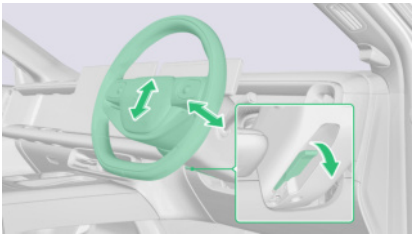


Press the central area of the steering wheel and the horn will sound; release it to stop sounding.

NOTE

- Please do not use the horn at will in no-honking areas (offices, schools, troops, hospitals, residential areas, etc.) to reduce noise interference.
- When using the horn, please comply with local traffic regulations.

STEERING WHEEL POSITION ADJUSTMENT



Before driving the vehicle, please adjust the steering wheel position according to your needs.

1. Pull down the steering wheel adjustment handle.
2. Hold the steering wheel tightly with both hands and adjust it up, down, forward and backward until it reaches the desired position.
3. Pull up the steering wheel adjustment handle to lock the steering wheel.
4. Shake the steering wheel up and down, forward and backward to confirm that it is firmly locked.

WARNING

- Do not adjust the steering wheel while the vehicle is driving to avoid traffic accidents.
- After adjusting the steering wheel, make sure that it is locked firmly. Otherwise, the steering wheel may move suddenly, resulting in an accident and serious casualties.
- Improper steering wheel position adjustment or improper sitting posture can cause personal injury. In order to ensure safety, the steering wheel shall be facing the chest, and it is recommended that the distance between the steering wheel and the chest is not less than 25cm, otherwise the airbag cannot provide effective protection in case of an incident.

STEERING WHEEL HEATING

The steering wheel heating function warms the steering wheel in the cold season.

The steering wheel heating function can be turned on or off in the "Seat" interface of CID.

Touch the "Settings" button on the seat interface to turn on or off the steering wheel automatic heating function. After the function is turned on, when the temperature is low, the system automatically turns on the steering wheel heating.

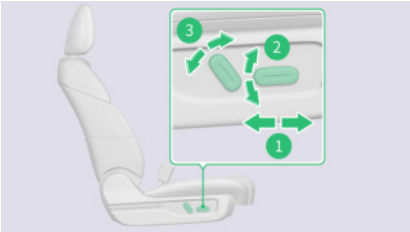
ATTENTION

- After the steering wheel heating function is turned on, if you do not feel any temperature change or heat for a long time, you should turn off this function immediately and it is recommended to go to the Leapmotor Service Centre or authorised service store for inspection in time.

SEAT

FRONT DRIVER'S SEAT

6-WAY ELECTRIC ADJUSTMENT*

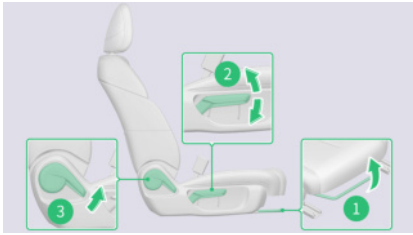


Push the seat position adjustment switch forward or rearward in the direction indicated by the arrow ①, the seat will slide forward or rearward. Release the adjustment switch, the seat will stop sliding.

Turn the seat position adjustment switch up or down in the direction indicated by the arrow ② to raise or lower the seat. Release the adjustment switch, the seat will stop lifting/lowering.

Push the seat backrest angle adjustment switch forward or backward in the direction indicated by arrow ③, and the backrest will tilt forward or backward. Release the adjustment switch, the backrest will stop tilting.

6-WAY MANUAL ADJUSTMENT*



Pull the unlocking lever upward in the direction indicated by arrow ①, then lean your body against the seat and slide the seat forward or backward. Release the unlocking lever, the seat stops sliding, and when you exert a slight force forward or backward on your body, you will hear a "click" sound, indicating that the seat is locked.

Repeatedly pull up or press down the adjustment handle in the direction indicated by arrow ②, and the seat will rise or fall. Release the adjustment handle and the seat will stop rising or falling.

Pull the unlocking handle upward in the direction indicated by arrow ③, and use the back pressure to control the backrest to tilt forward or backward, adjust the backrest to the desired position, and release the adjustment handle.

WARNING

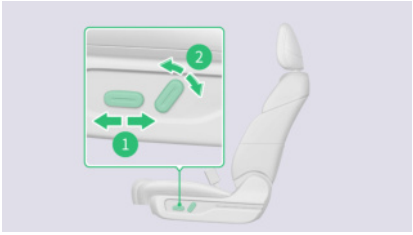
- Be careful when adjusting the seat to ensure that it does not hurt other occupants when it moves.
- Don't place your fingers or other body parts under the seat, or you may get hurt by the seat.
- Do not adjust the seat during driving to avoid losing control of the vehicle due to seat movement.
- Do not adjust the seat when the seat belt is fastened, so as to avoid that the seat belt cannot be kept in normal use state, resulting in injury to occupants and failure of protection function.
- It is strictly prohibited to install seat covers on seats to prevent side airbags from deploying properly in the event of a collision.

NOTE

- Do not place anything under the seat, otherwise it may hinder the operation of the seat.
- After adjusting the seat, push the seat and backrest forward and backward to confirm that they are locked.

FRONT PASSENGER'S SEAT

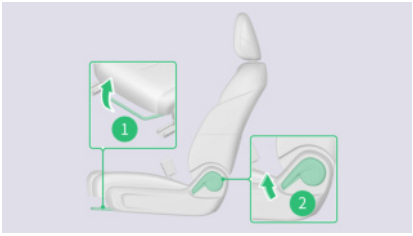
4-WAY ELECTRIC ADJUSTMENT*



Push the seat position adjustment switch forward or rearward in the direction indicated by the arrow ①, the seat will slide forward or rearward. Release the adjustment switch, the seat will stop sliding.

Push the seat backrest angle adjustment switch forward or backward in the direction indicated by arrow ②, and the backrest will tilt forward or backward. Release the adjustment switch, the backrest will stop tilting.

4-WAY MANUAL ADJUSTMENT*



Pull the unlocking lever upward in the direction indicated by arrow ①, then lean your body against the seat and slide the seat forward or backward. Release the unlocking lever, the seat stops sliding, and when you exert a slight force forward or backward on your body, you will hear a "click" sound, indicating that the seat is locked.

Pull the unlocking handle upward in the direction indicated by arrow ②, and use the back pressure to control the backrest to tilt forward or backward, adjust the backrest to the desired position, and release the adjustment handle.

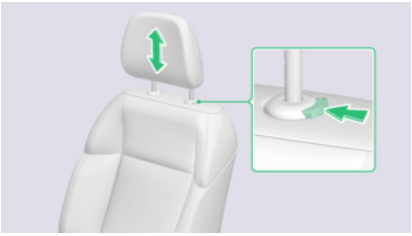
WARNING

- Be careful when adjusting the seat to ensure that it does not hurt other occupants when it moves.
- Don't place your fingers or other body parts under the seat, or you may get hurt by the seat.
- When adjusting the seat backrest tilt angle, please ensure that your back is close to the seat backrest to prevent the seat backrest from folding too fast and causing unnecessary injuries.
- Do not adjust the seat during driving to avoid losing control of the vehicle due to seat movement.
- Do not adjust the seat when the seat belt is fastened, so as to avoid that the seat belt cannot be kept in normal use state, resulting in injury to occupants and failure of protection function.
- It is strictly prohibited to install seat covers on seats to prevent side airbags from deploying properly in the event of a collision.

NOTE

- Do not place anything under the seat, otherwise it may hinder the operation of the seat.
- After adjusting the seat, push the seat and backrest forward and backward to confirm that they are locked.

FRONT HEADREST HEIGHT ADJUSTMENT



Raise: Pull the headrest upward to a proper position and adjust its height upward.

Lowering: Press the headrest lock button while pressing the headrest down to the appropriate position.

Removal: Press the headrest release button whilst simultaneously lifting upwards to detach the headrest. Remove the headrest.

Installation: Align the headrest with the mounting holes and push it downwards until it locks into position. Press the headrest release button while adjusting the headrest downward to complete the installation.

WARNING

- Please adjust the headrest correctly according to the height of the driver and passengers to obtain the best protection effect.
- Adjust the seat headrest so that its centre is flush with the eyes of the driver and passengers.
- The lowest position of the seat headrest is the non-use position, and the headrest needs to be raised and locked before use.
- Do not drive the vehicle with the headrest removed. In the event of an incident or sudden acceleration or deceleration, seats without headrests cannot provide the necessary protection for the head and may cause serious injuries.

FRONT SEAT HEATING*

Touch the seat setting icon on the air conditioning interface of the central control screen to enter the "seat setting" interface, where you can set the front seat heating function.

Touch the corresponding seat heating button to switch in sequence: heating off → heating 3rd gear (maximum) → heating 2nd gear → heating 1st gear (minimum) → heating off.

Touch the "Settings" button on the seat setting interface to turn on/off the automatic heating function. After the function is turned on, when the temperature is low and there are passengers in the front seats, the system will automatically turn on the seat heating.

Touch the "Off All" button to turn off the seat heating and steering wheel heating functions that have been turned on*.

Touch the "One-button Heating" button to turn on the driver/front passenger seat heating and steering wheel heating functions*.

WARNING

- If you are sensitive to temperature changes, please do not use the seat heating function to avoid burns or discomfort.
- Do not use the heating function when the seat is wet.
- Do not heat the seats at the highest setting for a long time, to avoid scalding the driver and passengers.
- Do not use anything that is insulated, as this will put the seat heating system at risk of overheating.
- Do not place sharp objects on the seat to avoid damage to the heated seat.
- Do not use liquid products to clean the seat.

ATTENTION

- Do not kneel on the seat or apply excessive local pressure to the seat, otherwise it may damage the electrical components in the seat.
- If the seat does not change in temperature or becomes hot for a long time after the seat heating function is turned on, turn off the seat heating function immediately and contact the Leapmotor Service Centre or authorised service store for maintenance in time.

NOTE

- After the temperature of the seat or cabin reaches the expected temperature, it is recommended to disable the seat heating function to reduce vehicle energy consumption.

REAR SEAT ADJUSTMENT

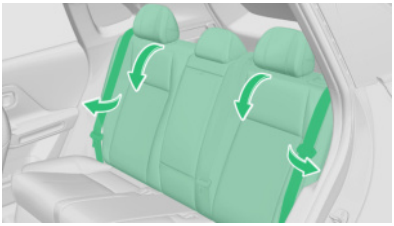
FOLDING REAR SEAT BACKREST

The steps to fold the rear seat backrest are as follows:

1. Make sure that the vehicle is parked, unlock the rear seat belts, and check that there are no sundries on and around the seat surface that may affect the folding of the backrest.



2. Pull the rear seat backrest unlocking handle to the unlocked state and keep it in the unlocked state.

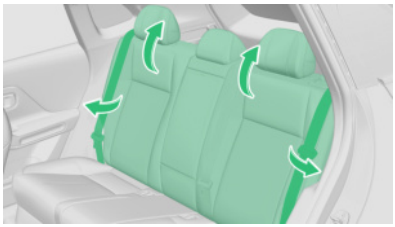


3. Pull the seat belt webbing on both sides of the rear seat toward the door, push the rear seat backrest (quarter or six-point side) that needs to be laid down forward steadily until it fits the cushion, and loosen the seat belt webbing.

RESTORE THE REAR SEAT BACKREST

The steps to restore the rear seat backrest are as follows:

1. Ensure that the vehicle is parked and check that there is no seat belt entanglement in the backrest hinge area and no luggage blocking the junction between the backrest and the boot.



2. Pull the seat belt webbing on both sides of the rear seat toward the door, hold the outer edge of the upper end of the backrest with both hands (avoid holding the clamping wire area), lift it backward at a constant speed to near the locking position, and continue to apply thrust until you hear a "click" engagement sound and the red mark on the unlocking buckle is completely hidden.
3. Loosen the seat belt webbing and press forward/backward on the top of the backrest respectively to confirm that there is no abnormal displacement and ensure that it is firmly locked.

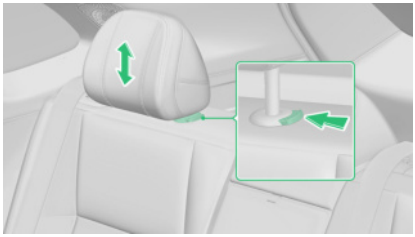
ATTENTION

- When folding the rear seat, make sure there is nothing on the rear seat and that the seat belt is not connected, otherwise the rear seat may be damaged.
- When folding and restoring the rear seat backrest, it should be operated slowly to avoid damage or abnormal function of the rear seat belt due to rapid folding of the backrest.

NOTE

- When folding and restoring the rear seat backrest, adjust the head restraint to its lowest position.
- When there are occupants sitting in the rear row, the seat headrests must be lifted to the appropriate positions to fit the occupants' heads.
- When the backrest is not locked, the red mark at the unlocking handle position will be exposed to remind the occupants that the backrest is not locked.

REAR HEADREST HEIGHT ADJUSTMENT



Raise: Pull the headrest upward to a proper position and adjust its height upward.

Lowering: Press the headrest lock button while pressing the headrest down to the appropriate position.

Removal: Press the headrest release button whilst simultaneously lifting upwards to detach the headrest. Remove the headrest.

Installation: Align the headrest with the mounting holes and push it downwards until it locks into position. Press the headrest release button while adjusting the headrest downward to complete the installation.

WARNING

- Please adjust the headrest correctly according to the height of the occupant to obtain the best protection.
- Adjust the seat headrest so that the centre of the headrest is level with the occupant's eyes.
- The lowest position of the seat headrest is the non-use position, and the headrest needs to be raised and locked before use.
- Do not use the seat after removing the headrest. In the event of an incident or sudden acceleration or deceleration, seats without headrests cannot provide the necessary protection for the head and may cause serious injuries.

WINDSCREEN WIPER AND WASHER

FRONT WIPER CONTROL



Turn the wiper switch at the end of the wiper operating lever to select the wiper brush gear.

Status 1*

Reset gear: The wiper remains in the initial position and does not move.

AUTO gear: The wiper can automatically select the wiping frequency or turn it off according to the surrounding rainfall environment.

Intermittent gear: The wiper wipes at a certain time interval.

Manual low-speed gear: The wiper continues to work at a certain frequency and low speed.

Manual high-speed gear: The wiper continues to work at a certain frequency and high speed.

Status II*

Reset gear: The wiper remains in the initial position and does not move.

Intermittent low-speed gear: The wiper automatically wipes at a low speed at long intervals.

Intermittent high-speed gear: The wiper automatically wipes at a low speed at short intervals.

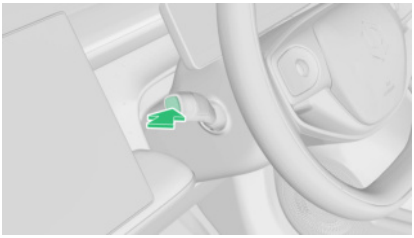
Manual low-speed gear: The wiper continues to work at a certain frequency and low speed.

Manual high-speed gear: The wiper continues to work at a certain frequency and high speed.

NOTE

- If the surface of the front windscreen is dirty or sticky with foreign matter (snow, gum, etc.), it is necessary to remove the foreign matter first, otherwise the wiper blade or the internal structure of the wiper may be damaged.
- Before using the wiper in winter, please make sure that the wiper blade is not frozen on the front windscreen.
- Before washing the car, please make sure that the windscreen wiper is in the off position.

FRONT WINDSCREEN WASHING



Press and hold the washing switch button, the front washer sprays washing liquid, and the wiper wipes at a low speed for 3 times. After a few seconds, it wipes again 1 time and stops moving.

ATTENTION

- Do not use the wiper when the windscreen is dry or the washing liquid in the washing pot is exhausted.

EXTERIOR LIGHTS

VEHICLE LIGHTS CONTROLLED BY INFOTAINMENT SCREEN





The light switch is mainly integrated in the central control panel. The vehicle light can be controlled on the "Settings-Light" interface of CID:

1. Light OFF button
2. Position lamp ON button
3. Low beam ON button
4. Auto light button
5. Rear fog lamp ON/OFF button
6. Headlamp height adjustment button
7. Reading lamp control button
8. Automatic reading light button
9. Automatic high beam switch
10. Lighting delay switch

TURN OFF LIGHTS

Tap the Lights Off button to turn off all lights.

TURN ON THE POSITION LAMPS

Tap the position lamp on button to turn on the front position lamp, rear position lamp, license plate lamp, and interior switch backlight.

TURN ON LOW BEAMS

Touch the low beam ON button to turn on the low beam.

TURN ON AUTO LIGHT

Tap the auto light button to turn on the auto light function. When the auto light function is turned on, the vehicle automatically turns on or off the low beam and position lamps based on the intensity of light outside the vehicle detected by the sensor.

TURN ON THE REAR FOG LAMP

Touch the rear fog lamp ON button to turn on the rear fog lamp. Touch this button again to turn off the rear fog lamp.

READING LAMP CONTROL

You can choose to fully turn on or off the reading lights, and you can also turn on or off the second row of reading lights separately.

AUTOMATIC READING LAMP

After the automatic reading light function is turned on, the reading light can be automatically lit after the vehicle unlocks and opens the door, and it can be automatically closed with a delay after closing the door.

HEADLAMP HEIGHT ADJUSTMENT



Touch the headlight height adjustment button to enter the "Headlight Height Adjustment" interface, and touch to select a gear value to adjust the headlight height.

AUTOMATIC HIGH BEAM

When the automatic high beam function is turned on in the central control screen, the vehicle can automatically switch between high and low beams according to the brightness of the ambient light source during driving. When the vehicle detects that the surrounding environment is dim and there are no traffic participants ahead, and meets the conditions for turning on the automatic high beam, it will automatically switch to the high beam.

LIGHTING DELAY

Turn on the lighting delay function in the central control screen. When the outside light is dim, after locking the vehicle, the position lights and low beam lights will light up for a period of time and then go out.

WARNING

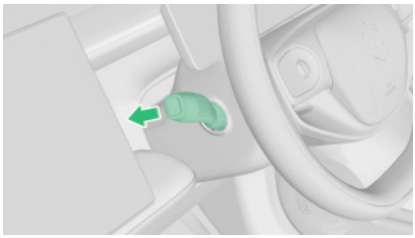
- When driving in fog, you should turn on the rear fog lamp and slow down, and sound the horn to remind other pedestrians and vehicles.

NOTE

- In a humid environment, when the temperature difference is significant, water vapor may appear inside the headlights and taillights. If the water vapor disappears completely or to a large extent in a short period of time after turning on the lights, it does not mean that the headlights and taillights are faulty.

THE OPERATING LEVER CONTROLS THE LIGHTS

TURN ON HIGH BEAMS



When the low beam is turned on, press the light operating lever away from the steering wheel as shown by the arrow to turn on the high beam. At the same time, the high beam indicator on the instrument cluster will light up.

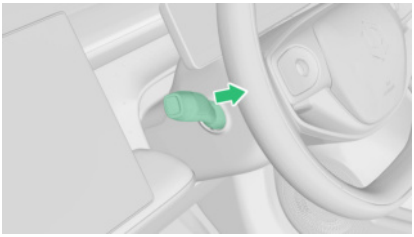
WARNING

- The high beam will dazzle the drivers of other vehicles at close range and easily cause accidents. Please use it reasonably.

NOTE

- When the high beam is turned on, turn off the low beam and the high beam will go out at the same time.

TURN ON THE OVERTAKING LIGHT



Pull the light operating lever toward the steering wheel to turn on the high beam. After releasing the lever, it will automatically return to its original position and the high beam will go out. By operating the high beam to flash, other road participants are reminded of your overtaking intention.

TURN ON THE TURN SIGNAL LAMP



After the vehicle is powered on, push the light operating lever downward to turn on the left turn signal; push the light operating lever upward to turn on the right turn signal.

After the vehicle is started, gently push down the light operating lever, the left turn signal flashes three times, and the light operating lever automatically resets; gently push up the light operating lever, the right turn signal flashes three times, and the light operating lever automatically resets.

HIGH-MOUNTED STOP LAMP AND STOP LAMP

Stepping on the brake pedal will turn on the high-mounted stop lamp and stop lamp.

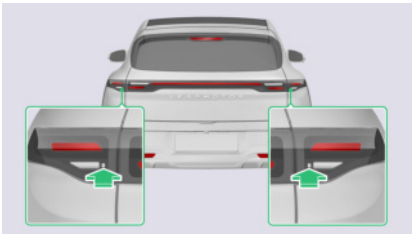
REVERSING LAMP

After the vehicle is started, shifting the gear to "R" will turn on the reversing lamp, and shifting the gear out of "R" will turn off the reversing lamp.

DAYTIME RUNNING LAMP

The daytime running lights automatically light up when the vehicle is in the "READY" state and the headlights are not on, making it easier for other traffic participants to perceive your vehicle.

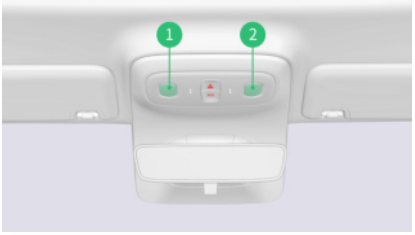
FILL-IN LIGHT POSITION LAMP



Open the back door and the fill light position lamp will illuminate. Close the back door and the fill-in position light will go out.

INTERIOR LIGHTS

FRONT READING LIGHT



1. Left front reading light
2. Right front reading light

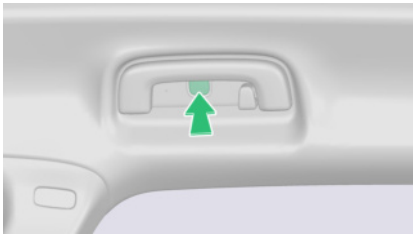
When the front reading light is off, press the left/right front reading light to turn on the left/right front reading light, and press it again to turn off the corresponding side front reading light.

The automatic reading light function can be turned on through the "Settings-Lighting" interface of the central control panel. After the function is turned on, the reading light will automatically light up or go out according to the door and vehicle power status.

WARNING

- Avoid using the front reading lights when driving at night. Bright lights may affect the driver's safe driving and cause traffic accidents.

SECOND-ROW READING LIGHT



When the second row of reading lights are turned off, press the reading light to turn on the reading light, and press it again to turn off the reading light.

NOTE

- The second row of reading lights can also be turned on or off in the "Settings-Lighting" interface of the central control panel.

VANITY MIRROR LAMP



Flip down the sun visor, open the makeup mirror cover, and the makeup mirror light will light up.

Close the vanity mirror cover and the vanity mirror light will go out.

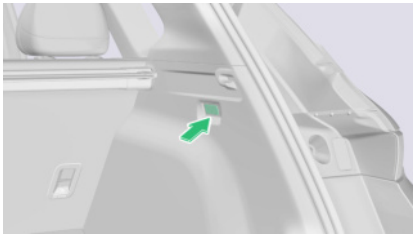
AMBIENT LIGHT

The Ambient light can improve the brightness inside the vehicle when the light is dim, creating a soft lighting environment for the cabin.

On the "Settings-Lighting-Ambient Light" interface of CID, you can set the ambient light as follows:

- Set the ambient light to on/off/auto.
- Adjust the ambient light colour.
- Set the static/single-colour flashing/multi-colour flashing effect of the ambient light.
- Adjust the ambient light brightness.
- Turn on/off the ambient light language. After the light signal is turned on, the corresponding lighting effect will be automatically displayed in specific scenarios (charging status, vehicle start-up, etc.).
- Turn on/off the music rhythm.

BOOT LIGHT

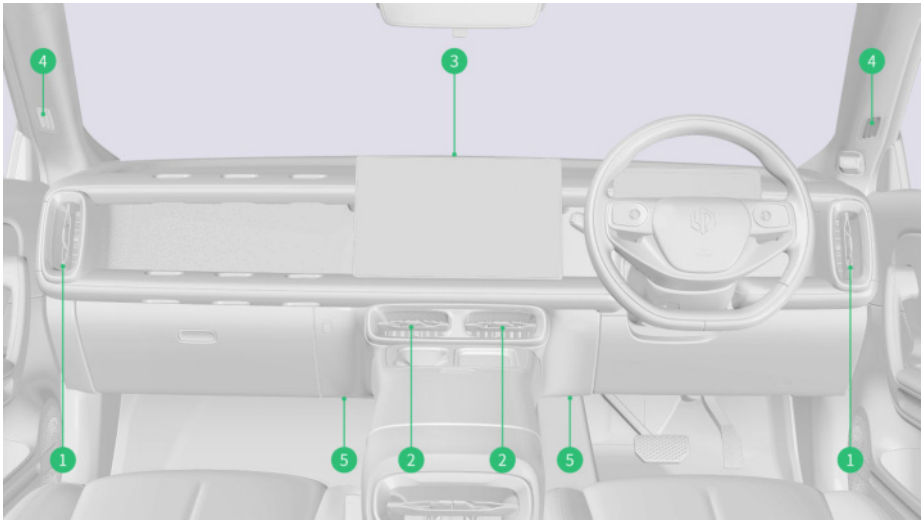


Open the back door and the boot light will light up. Close the back door and the boot light will go out.

A/C CONTROL SYSTEM

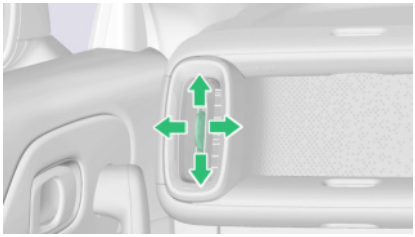
FRONT AIR OUTLET

POSITION DISTRIBUTION OF FRONT AIR OUTLETS



1. Front side air outlet
2. Front central air outlet
3. Front defrosting air outlet
4. Side defrosting air outlet
5. Front footwell air outlet

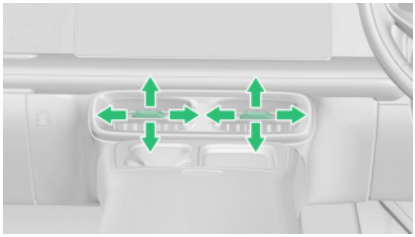
FRONT SIDE AIR OUTLET ADJUSTMENT



Move the air outlet fork left and right to adjust the airflow direction of the air outlet.

Push the air outlet fork up and down to adjust the air volume of the air outlet, and push it up to the bottom to close the air outlet.

ADJUSTMENT OF FRONT CENTRAL AIR OUTLET

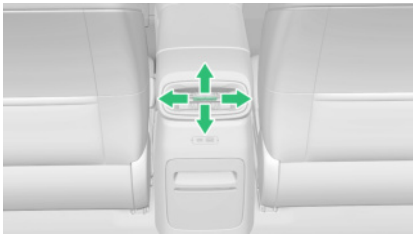


Move the air outlet fork up and down to adjust the airflow direction of the air outlet.

Push the air outlet fork left and right to adjust the air volume of the air outlet, and push the forks on both sides inward to the bottom to close the air outlet.

REAR AIR OUTLET

ADJUSTMENT OF REAR CENTRAL AIR OUTLET



Move the air outlet fork up and down to adjust the airflow direction of the air outlet.

Push the air outlet fork left and right to adjust the air volume of the air outlet, and push the forks on both sides inward to the bottom to close the air outlet.

A/C CONTROL PANEL



1. A/C settings button
2. Ventilation button
3. Heating button
4. Cooling button
5. AUTO button
6. Air recirculation button
7. Rear windscreen demist button
8. Front windscreen defrost button
9. Front passenger side temperature adjustment
10. Driver side temperature adjustment
11. Air volume gear adjustment
12. ECO mode button
13. MAX A/C button
14. A/C ON/OFF button
15. Footwell mode
16. Face mode
17. Defrost/demist mode

A/C ON/OFF

Touch the "Air Conditioning On/Off" button to turn on/off the air conditioning system.

When the A/C is turned off, it can be turned on by operating temperature, air volume and air outlet mode.

TEMPERATURE SETTING

Scroll the numbers up or down to adjust the A/C temperature. The temperature range is: LO (18℃) to HI (32℃).

NOTE

- The temperature of the driver's side and co-driver's side of this model is adjusted synchronously.
- The temperature value displayed on the central control screen is the target value of the set temperature, not the actual value of the temperature inside the car.

AIR VOLUME SETTING

Drag or tap the airflow adjustment bar to adjust the air volume. The airflow levels range from level 1 (minimum) to level 9 (maximum).

AIR OUTLET MODE SETTING

Touch the corresponding air outlet direction button to select the current air outlet mode:

- Face mode: touch Mode button: airflow is emitted from the front centre vents, front side vents, and other outlets.
- Feet-blowing mode: Tap Mode button: airflow is emitted from the front and rear footwell vents.
- Defrost/demist mode: tap Mode button: airflow is emitted from the front defrost vents and side defrost vents.

NOTE

- The face mode, foot mode and window defrosting mode can be turned on in combination according to actual needs.

INTERNAL/EXTERNAL AIR CIRCULATION MODE

Touch the "Internal and External Circulation" button to switch the air circulation mode between automatic circulation, internal circulation and external circulation.

- Automatic circulation: automatically adjust the air circulation mode according to indoor and outdoor environmental conditions.
- Internal circulation: The air conditioning system only uses the air inside the car for circulation and does not inhale air from the outside.
- External circulation: The air conditioning system draws fresh air from outside the car, and sends the treated air into the cab through filtration, cooling or heating inside the air conditioner.

WARNING

- Do not use the Inside Air mode for a long time; otherwise the carbon dioxide concentration in the vehicle will increase, which is not conducive to keeping the driver and passengers awake.
- When driving on dusty roads, please turn on the internal circulation mode.
- When the ambient temperature and humidity inside and outside the car are quite different, using the internal circulation mode is likely to cause fogging of the windows and front windscreen, thereby affecting the driving vision and causing traffic accidents.

AUTO A/C MODE

Tap the “AUTO” button to turn on the auto A/C mode. The following items will be automatically controlled based on the set temperature values:

- Air volume at the vent.
- Air outlet mode.
- Internal/external air circulation mode.

NOTE

- In the automatic air conditioning mode, in order to obtain the best riding comfort, the recommended setting temperature is 22℃~26℃.

- In the automatic air conditioning mode, the system will use the internal circulation mode to enhance the cooling effect.

COOLING MODE

Tap the “Cooling” button to turn on the cooling mode.

ATTENTION

- Make sure that the air intake grille in front of the front windscreen is not blocked (such as fallen leaves or snow).
- Do not place anything on the instrument panel to avoid covering the vent and affecting the defogging of the windscreen.
- Do not rest in the car for a long time to avoid breathing difficulties or suffocation when the windows are closed or ventilation is poor.

NOTE

- When the outside temperature is lower than -2°C, the system cannot turn on the cooling mode.
- Touch the heating button in cooling mode, and the system exits cooling mode and enters heating mode.
- In cooling mode, condensed water will be discharged out of the vehicle through the drainage pipe, so there will be water leakage under the vehicle. This is a normal phenomenon.
- The corresponding functions of the air conditioner can be controlled by voice or Leapmotor App.

HEATING MODE

Tap the “Heating” button to turn on the heating mode.

NOTE

- Turning on the A/C Inside Air mode can improve the heating effect.
- If there is fogging on the front or rear windows, do not try to defog by turning on the heating mode. At this time, the front and rear windscreen defrosting functions should be turned on to achieve the purpose of rapid defogging.
- In the heating mode, tap the cooling button to exit the heating mode and enter the cooling mode.
- Using the heating mode will accelerate the energy consumption of the vehicle's power battery. It is recommended to use the seat heating function as much as possible and turn on the heating mode when necessary.

VENTILATION MODE

Press the "Ventilation" button to activate the ventilation mode (natural air flow).

NOTE

- After the ventilation mode is turned on, the air circulation mode switches to the external circulation mode.

MAXIMUM COOLING (AC MAX)

Touch the "Maximum Cooling" button, and the system will automatically perform the following settings:

- The air circulation mode is switched to internal circulation mode.
- Adjust the air volume to maximum.
- The temperature is set to the lowest.
- The air outlet mode is face blowing mode.

Touch again, the system exits the maximum cooling mode and automatically returns to the previous state.

NOTE

- The maximum cooling mode operates at the maximum cooling performance of the air conditioner. It should be turned on and off appropriately and in time according to the temperature and usage conditions in the car to reduce power consumption and save electricity.

FRONT WINDSCREEN DEFROSTING

Touch the "Front Windscreen Defrost" button once, the system starts rapid defrosting/defogging, the

air volume switches to level 9, and the air circulation mode is external circulation mode.

Touch the "Front Windscreen Defrost" button again, the system will start automatic defrosting/defogging, the air volume will change automatically, and the air circulation mode will be external circulation mode.

Touch the "Front Windscreen Defrosting" button for the third time, and the system will turn off defrosting/defogging.

ATTENTION

- When there is fog or frost on the front windscreen, the front windscreen defrost function shall be turned on immediately to ensure driving safety.

REAR WINDSCREEN DEFROSTING

Tap the "Rear Windscreen Demist" button to enable the rear windscreen demisting function; the system electrically heats the rear windscreen glass.

NOTE

- To prevent excessive power consumption, the rear windscreen defrost function will automatically turn off after about 20 minutes.

ECO MODE

Tap the "ECO Mode" button, the A/C enters the energy-saving mode.

A/C MOULD PREVENTION MODE

Tap the "A/C Anti-mould Mode" button in the A/C settings to switch the anti-mould mode on or off. Once the mode is enabled, if the A/C system detects a risk of condensation on the evaporator, the blower will continue to run for a period after the system is switched off to dry the residual moisture on the evaporator, preventing the growth of mould or bacteria due to prolonged dampness.

LEAPMOTOR APP

LEAPMOTOR APP DOWNLOAD

Please download the Leapmotor App before using your mobile phone to remotely control the vehicle.

- IPhone users can download and install the Leapmotor App through Appstore search.
- Android phone users can search, download and install the Leapmotor App in the application market.

USER REGISTRATION AND LOGIN

On the "Registration" interface, enter the email account you reserved when purchasing the car, tap "Next", set your password, account, and privacy preferences according to the prompts, complete the verification via the verification link received in the email, and then log in again.

VEHICLE BINDING/UNBINDING

After logging in with an account, tap the "Scan Code" button on the "Personal Centre-Add Vehicle" interface to scan the QR code (System-Security-Owner Binding Authentication) in the central control panel to bind the vehicle.

In the "My" interface, enter the "My Vehicle" management interface to unbind the vehicle.

NOTE

- If the email account used to log in to the App does not match the one provided during vehicle purchase, the QR code authentication will fail.
- After completing the vehicle binding, you can view your own vehicle information, including vehicle location, driving mileage and vehicle status.

REMOTE CONTROL

You can remotely operate your vehicle through the Leapmotor App, including the functions of vehicle locking/unlocking, A/C on/off, etc.

VEHICLE

In the “My Car” interface, you can get vehicle-related information and remotely control a number of functions:

- Vehicle status: displays the current vehicle door status, remaining range, faults and other status information.
- Quick access zone: enables rapid operation of vehicle functions such as locking/unlocking, boot release, and window controls.
- Interior temperature control: remotely sets the interior temperature control.
- Digital key: sets the Bluetooth key function.
- Vehicle locate and view: displays the real-time location of the vehicle.
- One-button preparation: sets the preparation function.
- Energy consumption per mileage: views the vehicle's trip energy consumption.

NOTE

- When the vehicle enters the "READY" status, the A/C function in the Leapmotor App cannot be used.
- When you do not lock the vehicle 3 minutes after leaving the vehicle, the Leapmotor App will remind you.

CHARGING CENTRE

In the "Charging Centre" interface, you can set the following functions:

- Set the upper limit of charging.
- Scheduled charging.
- Schedule battery preheating.

MAP

Tap the "Map" card to access the navigation interface. In the "Map" interface, you can view the current location of the vehicle, honk the remote horn for car locating, and navigate by searching the destination at the top.

DIGITAL KEY

Tap the "Digital Key" icon in the “My Car” interface to enter the digital key interface. In the "Digital Key" interface, you can complete the following settings:

- Turn on/off the Bluetooth key function.
- Locking/unlocking mode setting: automatic unlocking, automatic locking, door handle locking/unlocking.
- Turn on/off the locking tone.
- Fault diagnosis function.
- Induction area setting, through which you can customise the unlocking distance.

NOTE

- When you approach to the vehicle with your mobile phone to a certain range, you can automatically lock/unlock the vehicle or touch the driver's door handle button to lock/unlock the vehicle. During use, you need to turn on the Bluetooth of the mobile phone, allow access to the positioning permission, select always positioning, and turn on the exact position (IOS system)/position switch (Android) and App self-start function (Android).
- Set the Leapmotor App positioning to "Always" to avoid the phenomenon of no positioning information when the App is running in the backend.
- Turn on the self-start function of the Leapmotor App, and turn on the backend running permission.
- At present, not all mobile phones support non-inductive Bluetooth key function, while all mobile phones support inductive Bluetooth.

UD

In the "Custom" interface, you can complete the following settings:

- Drag the shortcut icon to adjust the order.
- Shortcut functions such as vehicle locking/unlocking, boot open/close, window closing, battery preheating, etc.

INTERIOR TEMPERATURE CONTROL

Click the "Car" interface "Interior Temperature Control" card to enter the interior temperature control interface, where you can remotely turn on or off the air conditioner, adjust the air conditioner temperature, set seat heating*, set steering wheel

heating*, set exterior rearview mirror heating, quickly cool down or heat up, and schedule a scheduled A/C.

TRAVEL

Tap the "Mileage & Energy Consumption" card on the "My Car" interface to access the corresponding display. In the "Travel Energy Consumption" interface, you can view your cumulative mileage, total energy consumption per 100km in the past 6 weeks and travel data of the past 7 days.

ONE-BUTTON PREPARATION

Tap the "One-button Preparation" button in the “My Car” interface to enter the one-button standby interface. In the "One-button Preparation" interface, you can set the following functions:

- Destination: Once set, this destination will be transmitted to MMI.
- A/C settings: switch the A/C mode in the mobile app to adjust the air volume and temperature of the A/C.
- Seat setting: The seat heating* status can be set.
- Steering wheel and exterior rearview mirror setting: sets the steering wheel heating* or exterior rearview mirror heating status.
- Scheduled vehicle preparation: sets the scheduled vehicle preparation time and repetition cycle.

VEHICLE SHARING

The owner can share the vehicle (including vehicle location, vehicle status, remote control authority, mileage and energy consumption) through email. After accepting the invitation, the person being shared can perform remote vehicle control according to the permissions shared by the owner. When sharing, the owner will be notified through the App message centre and email.

NOTE

- Support users to share vehicles and modify permissions according to custom cycles (including "24 hours", "one week", "one month" and "permanent").
- The owner can share with up to 8 users. If he shares again after reaching the sharing limit, it will prompt: the number of people who have reached the sharing limit has been reached.

STORAGE DEVICE

BOOT



After opening the back door, you can load items into the storage space of the boot. If there is a greater storage demand, the boot storage space can be expanded by folding the rear seats.

WARNING

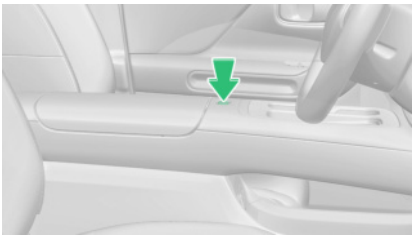
- When liquid items are placed in the boot, ensure that the container is sealed and the liquid does not leak.
- Do not allow children to enter the boot.
- It is strictly forbidden to store flammable and explosive items in the boot.
- Items that are hard or easy to roll should be properly wrapped and reasonably bundled to avoid impact caused by braking or bumping of the vehicle.
- Do not allow items to affect the closing of the liftgate.

NOTE

- Cleaning the boot regularly and reducing the load can reduce energy consumption.

FRONT STORAGE BOX AND CUP HOLDER

FRONT CENTRAL ARMREST STORAGE BOX



Press the storage box cover unlock button to open the central armrest storage box.

Close the central armrest storage box to close it.

WARNING

- During driving, make sure that the central armrest storage box is closed.

GLOVE BOX



Press the glove box unlock button to open the glove box.

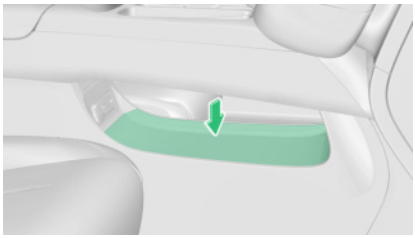
Push the glove box directly back to the closed position until you hear a snapping sound, and then close the glove box.

WARNING

- To reduce the possibility of personal injury in the event of an accident or emergency braking, keep the glove box closed when driving.

- Do not pull the open glove box hard to avoid damaging it or injuring yourself.

FRONT CENTER LOWER STORAGE BOX



The front center lower storage box is located below the auxiliary instrument panel.

WARNING

- It is prohibited to place flammable, explosive and spattering items in the storage box.
- Do not put glasses, lighters or spray cans in the storage box to avoid damage caused by bumps.

FRONT CUP HOLDER



The front cup holder is located in the illustrated area of the auxiliary instrument panel.

WARNING

- Do not use fragile cups, which can cause secondary injuries in the event of a vehicle accident.
- Please make sure that the lid of the cup or beverage can is closed to prevent liquid from overflowing during driving and causing accidental injury.

NOTE

- Do not place other items in the cup holder except cups or beverage cans, otherwise it may cause damage to the cup holder.

REAR STORAGE BOX AND CUP HOLDER

REAR CENTRAL STORAGE BOX



Pull the rear central storage box to open it.

Buckle the rear central storage box to close it.

WARNING

- It is prohibited to place flammable, explosive and spattering items in the storage box.
- During driving, make sure that the rear central storage box is closed.

REAR CUP HOLDER*



The rear cup holder is located at the rear end of the central armrest of the rear seat. It can be used by flipping down the central armrest.

WARNING

- Do not use fragile cups, which can cause secondary injuries in the event of a vehicle accident.
- Please make sure that the lid of the cup or beverage can is closed to prevent liquid from overflowing during driving and causing accidental injury.

NOTE

- Do not place other items in the cup holder except cups or beverage cans, otherwise it may cause objects to fall or damage the cup holder.

DOOR STORAGE BOX



The storage slot on the door interior panel can be used to store beverage bottles or other small items.

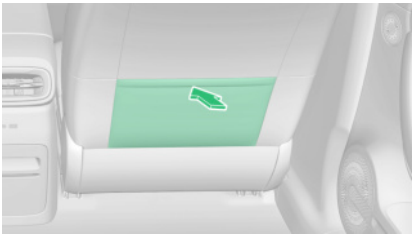
WARNING

- It is prohibited to place flammable, explosive and spattering items in the storage box.

NOTE

- Do not place heat-sensitive substances such as chocolate or medicines in the storage slot on the door interior panel.
- Do not put glasses, lighters or spray cans in the storage box to avoid damage caused by bumps.

FRONT SEAT BACKREST STORAGE POCKET



After pulling open the storage bag behind the front seat, you can place maps, newspapers and other objects.

ATTENTION

- Do not place heavy or sharp objects in the front seatback storage pockets to avoid damaging the pockets.

ELECTRONIC DEVICE

WIRELESS CHARGING

MOBILE PHONE WIRELESS CHARGING SENSING AREA



The wireless charging induction zone for mobile devices is located in the indicated area of the console.

ACTIVATE AND DEACTIVATE MOBILE WIRELESS CHARGING

When all doors are closed, tap the wireless charging status icon in the status bar at the top of the central control panel to turn on or off the wireless charging function.

MOBILE PHONE WIRELESS CHARGING STATUS DISPLAY

The working status of mobile phone wireless charging is displayed on the top bar of the central control screen, as follows:

Icon	Notes
	Charging function not enabled
	The charging function is enabled, but the mobile phone is not being charged
	Charging
	Charging complete
	Charging fault

WARNING

- Do not place anything between the mobile phone and the charging board during charging. Non-metallic objects can lead to a decline in charging performance. Items such as magnetic cards or chip cards may be damaged. Keys, coins and other metal foreign matters may be heated, leading to driving safety risks.
- During driving, do not check the charging status of your phone for a long time to avoid traffic safety incidents.
- If you use any medical electrical equipment (such as pacemakers or implantable cardioverter defibrillators, etc.), before using the wireless charging function, please confirm with the manufacturer of the medical electrical equipment whether the mobile phone wireless charging will affect the normal use of the transplant device.

ATTENTION

- Do not sprinkle water in the wireless charging area to prevent water from entering the wireless charging module and causing damage to electronic devices.
- Please do not place heavy objects in the charging area to avoid damage to the wireless charging system of the phone.
- During wireless charging, if you find metal foreign objects between the mobile phone and the charging area, do not remove them by hand immediately, so as to avoid scalding. The wireless charging function should be turned off immediately, and foreign objects should be removed after cooling.
- Do not sprinkle small objects such as pebbles, mud, bread crumbs, paper scraps, etc. into the charging area to avoid entering the internal fan and causing abnormal noise.

NOTE

- The mobile phone wireless charging system is not suitable for all mobile phones, but only for mobile phones passing "Qi" certification. If any incident is caused by the use of mobile phones or other wireless charging receivers that have not passed the "Qi" certification, we will not bear the responsibilities and losses caused therefrom.
- You can only charge one mobile phone at a time.
- On bumpy roads, wireless charging of mobile phones may be stopped and resumed intermittently. If the mobile phone deviates from the charging area and stops charging, move it back to the charging area.
- The wireless charging function of the mobile phone requires the joint participation of the vehicle and the mobile phone, and if the vehicle or the mobile phone is faulty, it may cause charging failure.
- The charging of the mobile phone may stop when the temperature is too high, and it will continue when the temperature drops.
- This product has the "micropower short-range wireless transmission capability" stipulated in the Regulations of the People's Republic of China on Wireless Management, and meets the requirements of GXBW [2023] No. 62 Interim Provisions on Wireless Management of Wireless Charging (Power Transmission) Equipment. According to the

regulations, the prompt information is as follows:
(I) The mobile phone wireless charging module is a Class A device in the general micro-power equipment of "Catalog and Technical Requirements for Micro-Power Short-Range Radio Transmitting Equipment", which is used to realise the mobile phone wireless charging function. Antenna type: MP-A13 coil, special identification: QI.

(II) The wireless charging mechanism adopts a built-in wireless charging coil to achieve wireless charging through electromagnetic induction. Rated transmission power: 50W. Rated operating frequency: 127kHz.

(III) The equipment shall comply with the Interim Provisions on Radio Management of Wireless Charging (Power Transmission) Equipment, laws and regulations on product quality, electromagnetic radiation and electrical safety, national standards and other relevant provisions.

(IV) It is not allowed to change the use scenario or conditions, expand the working frequency range, and increase the transmission power (including installing additional power amplifiers) without authorisation.

(V) It is not allowed to cause harmful interference to other legal radio services and stations, nor to make protection requirements from radio interference and radiated radio wave interference. If it causes harmful interference to other legal radio services and stations, it should be stopped immediately and can only be continued after measures are taken to eliminate the harmful interference.

(VI) In the prohibited area of wireless charging equipment, it is forbidden to use the wireless charging function.

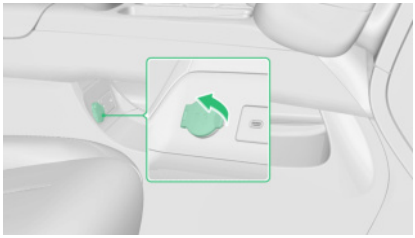
(VII) If the use of wireless charging equipment affects the reception of broadcasting services, it should be stopped immediately.

(8) The use of wireless charging equipment in electromagnetic environmental protection areas such as ships, aircraft, railway locomotives (including EMU trains), radio observatories, meteorological radar stations, satellite earth stations (including measurement and control, ranging, receiving, navigation stations) and other military and civilian radio stations, airports, etc. designated in accordance with laws, regulations, relevant national regulations and standards shall comply with the provisions of electromagnetic environmental protection and relevant industry authorities.

(IX) The temperature condition of the mobile phone wireless charging module when in use is: -40°C~+85°C, and the voltage condition is: 9~16V.

(X) The use of micro-power short-range radio transmission equipment shall comply with the relevant national radio management regulations.

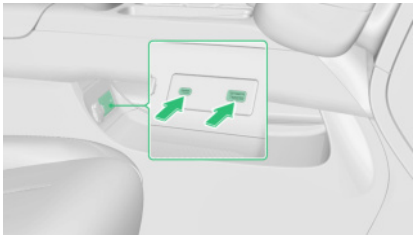
12V POWER SUPPLY INTERFACE



The 12V power interface is located at the rear end of the front center lower storage box and can be used by opening the cover.

USB INTERFACE

FRONT USB PORT



The front row is equipped with 1 TypeA interface and 1 TypeC interface. The Type A interface (supporting 12W) can be used for charging and

data transmission, and the Type C interface (supporting 60W) can be used for charging.

ATTENTION

- Do not insert other objects or lead any liquid into the port, otherwise it may cause electrical faults.
- Do not leave external equipment in the vehicle. The temperature in the vehicle may rise, causing damage to the external equipment.

REAR USB PORT



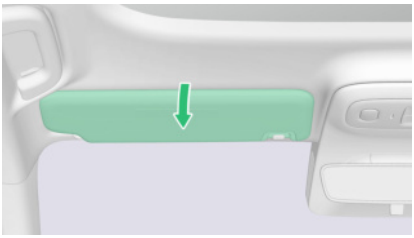
The rear row is equipped with 1 TypeA interface (supporting 12W) and 1 TypeC interface (supporting 15W), which can be used for charging.

ATTENTION

- Do not insert other objects or lead any liquid into the port, otherwise it may cause electrical faults.
- Do not leave external equipment in the vehicle. The temperature in the vehicle may rise, causing damage to the external equipment.

OTHER DEVICES

SUN VISOR



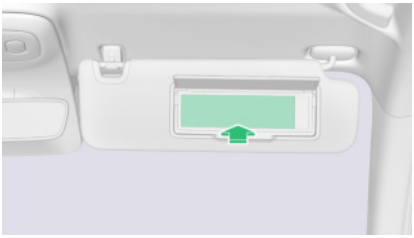
The sun visor is located above the main and co-pilot seats. To block the dazzling light from the front of the vehicle, just flip the sun visor down.

To block the dazzling light from the side, remove the sun visor from the inner fixed support and turn the sun visor to the side window.

WARNING

- Please ensure the sun visor is adjusted whilst maintaining safe driving conditions at all times.
- An unfolded sun visor may affect the front field of vision, and if you no longer need to use the sun visor, be sure to retract it to the bracket.

VANITY MIRROR

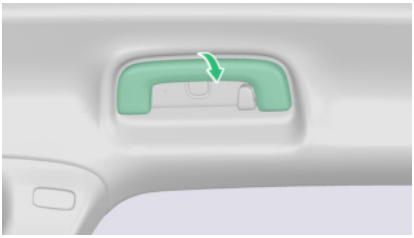


The vanity mirror is located on the sun visor of the main and co-driver seats. After opening the sun visor downward, just lift the vanity mirror cover upward.

WARNING

- The driver should not use the makeup mirror while driving and pay attention to driving safety.

SAFETY HANDLE

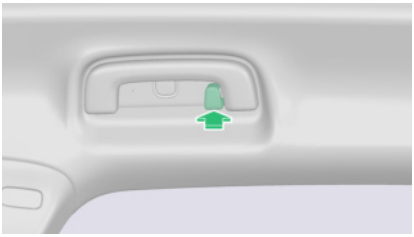


When the vehicle is driving fast or on a bumpy road, you can use the safety handle to keep your body balanced.

ATTENTION

- Do not pull the safety handle when getting on or off the vehicle or getting up from the seat.
- It is forbidden to hang any heavy objects on the safety handle.

COAT HOOK

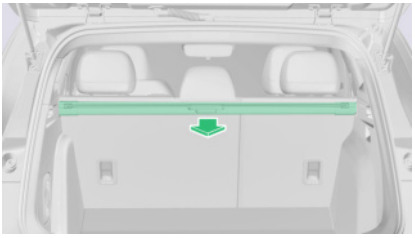


The coat hook is located next to the rear safety handle and can be flipped down for use. It can be used to hang thin clothes and hats.

ATTENTION

- Do not hang heavy objects.

SHADE CURTAIN



The cargo shield can be used to conceal luggage, providing privacy protection and shielding against direct sunlight. When in use, grasp the handle at the rear of the cargo shield to extend the fabric, then engage the locating pins at both ends of the shield into the corresponding guide channels on the interior trim panels.

When retracting, pull the cargo shield handle backwards to disengage it from the guide channel, then release it slowly forward to retract the cargo shield.

To remove the cargo shield, grasp the fixed retaining sleeves at both ends and compress them inwards after retracting the shield.

When installing the cargo shield, insert one end into the mounting channel. Following the arrow direction on the retaining clip, compress and hold the cargo shield retaining clip whilst simultaneously installing the opposite end of the cargo shield.

WARNING

- Do not place heavy, hard or easy-to-roll items on the rear trunk curtain.
- Do not allow children to climb on the cargo shield, as this may damage the cover or result in serious injury, potentially even life-threatening consequences.

ATTENTION

- When installing the shade, it is necessary to install it firmly to prevent the occupants from being injured in an emergency.
- Please properly store the removed shade to prevent the occupants from being injured in an emergency.

- Do not place any objects on the shade to avoid damaging the shade and injuring the occupants in an emergency.
- When retracting the shade, it must be fully retracted to avoid damaging the shade and abnormal noise when the vehicle is driving.

DRIVING INSTRUCTIONS

INSPECTION BEFORE DRIVING

For the safety and driving comfort of you and passengers, the following inspections are recommended before each driving:

- Confirm that there are no obstacles around the vehicle.
- Check whether the tyre is damaged, whether the tyre pressure is normal, and whether there are foreign objects embedded in the tread. Take corrective measures if necessary.
- Check whether the wheel nuts are loose.
- Check whether there are abnormal phenomena such as water or other liquid leakage in the vehicle chassis (dripping after using air conditioning is a normal phenomenon).
- Check the chassis for foreign matters.
- Confirm that the vehicle lights work normally.
- Confirm that all windows are clear, and the windows and rearview mirrors have a good visual view.
- Confirm the driving mileage of the vehicle, and confirm that the instrument cluster has no warning message.
- Confirm that there is no sundry interference in the brake/accelerator pedal area, and there is no interference in operation.

⚠ WARNING

- Do not wear high heels or slippers to drive the vehicle.

PRECAUTIONS FOR DRIVING SAFETY

To ensure driving safety, please observe the following precautions:

- It is strictly prohibited to step on the accelerator pedal violently to avoid shortening the service life of the motor and controller.
- It is strictly prohibited to drive at a high speed when going downhill, and it is necessary to slow down when turning.
- Try to avoid parking the vehicle on a steep slope for a long time.
- In the early stage of vehicle use, the power battery, chassis and other components have not yet reached their best state. At this time, the driving range of the vehicle may deviate from the actual situation, which is a normal phenomenon.
- Drive the vehicle safely in strict accordance with the traffic laws.
- Keep the vehicle in a safe driving state: Tyre bursts or mechanical failures are extremely dangerous. In order to reduce the possibility of such failures, the vehicle condition should be checked frequently and the prescribed inspection items should be completed regularly.
- In the event of a vehicle fire, evacuate the vehicle immediately. If high-voltage components or harnesses smoke and catch fire, it is prohibited to use a water extinguisher to extinguish the fire.
- If an exposed wire extends into or out of the vehicle, do not touch the wire, otherwise an electric shock incident may occur.
- Do not come into contact with any leaking vehicle fluids. If the skin or eyes inadvertently come into contact with strongly alkaline electrolyte leaked from the traction battery, rinse immediately with a large amount of water or treat with boric acid solution, and see a doctor as soon as possible to avoid serious injury.
- Use mats of correct size, and place mats correctly. The foot pad shall not affect the normal use of each pedal, and avoid affecting the movement of the pedal due to the slippage of the foot pad, resulting in traffic accidents.
- Never leave children unattended in a vehicle. Accidental activation of one or more vehicle controls by a child may result in injury or even life-threatening situations. Children may inadvertently operate the vehicle, causing unintended movement that could result in collisions, potentially leading to injuries or even life-threatening situations. Additionally, depending on ambient temperature variations, the vehicle interior may reach extreme temperatures, potentially causing injury or even life-threatening conditions.
- Speed control: Overspeed is one of the main causes of traffic incidents. The higher the speed, the greater the risk. Therefore, please choose the appropriate speed and drive safely in accordance with the actual road conditions.
- Always ensure the correct use of seat belts: in the event of a collision, seat belts provide the most effective protection. Airbags are only used to assist with rather than to replace seat belts, so even if the vehicle is equipped with airbags, make sure that you and occupants always wear seat belts correctly.

- Do not overload or force uphill climbing, as this may damage the drive motor and electronic control system, thereby shortening the vehicle's service life.

RUNNING-IN PERIOD OF NEW VEHICLE

The main purpose of new vehicle running-in is to improve the surface quality and friction state of the moving components. The correct running-in of a new vehicle can prolong the service life of the vehicle and improve the reliability and stability of the vehicle.

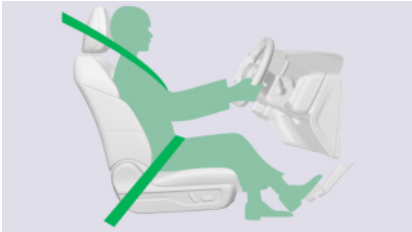
The running-in mileage of a new vehicle is 1000~2500km (621~1,553mile).

The power of a new vehicle may reach its maximum value only after the running-in is completed. Otherwise, it will cause excessive initial wear of drive motor parts due to insufficient power and premature heavy load operation. During initial use, the following provisions shall be observed:

- Check the connection and fastening of each part.
- Check the level of the coolant reservoir and inspect all parts of the cooling system for leaks.
- Check the drive motor control unit and all parts for oil leakage. If any abnormality is found, please handle it in a timely manner.
- Check whether each part of the steering mechanism is loose or jammed.
- Check whether the brake system operates normally and whether there is any leakage at each pipe joint.
- Check whether the electrical equipment, lights and instrument cluster are working properly.
- Check whether the tyre pressure meets the standard.
- Try to drive on a flat and good road surface.
- Avoid sudden acceleration and rapid deceleration.

CORRECT SITTING POSTURE

DRIVER'S CORRECT SITTING POSTURE



Correct driving posture is conducive to driving operation and can reduce the driver's fatigue. For the safety of drivers and passengers, it is recommended that drivers make the following adjustments:

- Adjust the driver's seat position so that the pedals and various control switches can be easily and effectively operated.
- Adjust the driver's seat backrest so that it completely fits with the seat backrest.
- Adjust the headrest so that its centre is flush with the driver's eyes.
- Adjust the steering wheel position to a distance of at least 25 cm from your chest, so that you can hold the steering wheel when your arms are naturally bent.
- Properly fasten your seat belt.

⚠ WARNING

- During driving, the driver must not adjust the seat, headrest and steering wheel, otherwise the vehicle may lose control and cause an incident.

CORRECT SITTING POSTURE OF FRONT PASSENGER

In order to ensure the safety of the co-pilot passengers and reduce the risk of accident casualties, it is recommended that the co-pilot passengers make the following adjustments:

- Adjust the position of the front passenger seat so that the front passenger keeps an appropriate distance from the instrument panel.

- Adjust the front passenger's seat backrest so that it completely fits with the seat backrest.
- Adjust the headrest so that its centre is flush with the front passenger's eyes.
- Properly fasten your seat belt.

WARNING

- During driving, the co-pilot's feet should be placed in the foot area under the instrument panel. Do not put your feet on the instrument panel, extend your hands out of the window or sit cross-legged on the seat, otherwise it may cause serious injuries in emergency braking or accidents.

CORRECT SITTING POSTURE OF REAR PASSENGERS

In order to ensure the safety of drivers and passengers and reduce the risk of accident casualties, it is recommended that rear passengers make the following adjustments:

- Adjust the headrest so that its centre is flush with the rear passenger's eyes.
- Maintain an upright sitting posture with your back completely in contact with the seat back.
- Properly fasten your seat belt.

WARNING

- When a child is seated in the rear row, the corresponding child restraint system must be used.

START DRIVING

GEAR



R: Reverse gear

N: Neutral gear

D: Drive gear

P: Parking gear

The shift lever is located at the lower right side of the steering wheel. When shifting gears, move the shift lever up and down to shift "R", "N" and "D". Press the side button to switch to "P". At the same time, the current gear will be displayed on the instrument cluster.

"R" gear (reverse gear): Shift to this gear when reversing. Before switching to "R" gear, make sure that the vehicle has stopped completely. When shifting from "N" to "R", the brake pedal must be depressed.

N (neutral): Switch to this gear for temporary stop.

"D" gear (drive): This gear is engaged during normal driving.

P gear (parking): Switch to this gear for parking.

WARNING

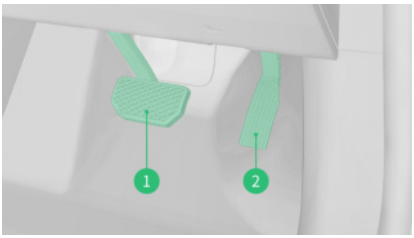
- If you change gears while driving forward, do not step on the accelerator pedal to prevent accidents.
- Please do not shift the gear to "R" while the vehicle is driving to prevent accidents.
- It is not recommended to drive the vehicle down a slope in "N" gear, even if the vehicle is not started.
- In order to prevent the vehicle from moving unintentionally, please confirm that the electronic parking brake is activated after the vehicle stops and shifts into "P" gear.
- If the gear cannot be shifted normally, contact the Leapmotor Service Centre or authorised service store for maintenance in time.
- Before leaving the vehicle or on a ramp, please make sure that the electronic parking brake is activated to prevent the vehicle from moving for no reason.

ATTENTION

- Make sure the vehicle has stopped before switching to "R" gear.

- It is prohibited to drive in gear when the doors are opened.
- Before the vehicle is powered down, make sure that the gear is in "P" gear.
- Do not slide in N gear when the vehicle is driving; otherwise it is extremely easy to damage the vehicle and cause danger.
- Depress the brake pedal when shifting to "R", "D", or "N" gear positions.
- It is prohibited to press the "P" gear button during non-emergency driving.

PEDALS



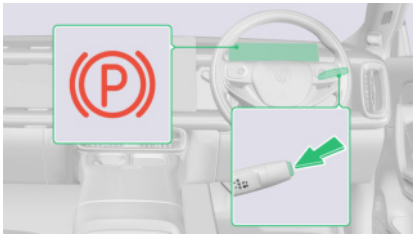
1. Brake pedal
2. Accelerator pedal

WARNING

- Do not store any objects in the driver's foot space to prevent them from slipping into the pedal area and hindering the driver's operation of the pedal, thereby causing traffic accidents.
- Before the vehicle is driven, it should be confirmed that all pedals are depressed and returned normally.
- The driver must wear shoes that are suitable and sensitive to pedal movement.

ELECTRONIC PARKING BRAKE (EPB)

ACTIVATE THE EPB



When the vehicle is stationary and the gearshift lever is shifted to "P", the parking brake will be applied automatically, and the EPB indicator in the instrument cluster will illuminate, indicating that the EPB has been working.

ATTENTION

- The brake pedal shall not be released prematurely during parking, particularly when the vehicle is parked on a slope, otherwise there is a risk of vehicle sliding.

NOTE

- When parking on a slope, it is recommended to place wheel chocks or other hard objects to prevent the vehicle from sliding down the slope when leaving the vehicle, to avoid sliding down the slope due to long-term parking.

RELEASE THE EPB

When the vehicle is powered on, after pressing the brake pedal and shifting out of the "P" gear, the vehicle automatically releases the parking brake, and the electronic parking brake indicator light in the instrument cluster goes out, indicating that the electronic parking brake has been released.

NOTE

- When applying/releasing the electronic parking brake, noise may occur due to the operation of the motor, which is normal.

- When the vehicle battery is out of power, the electronic parking brake cannot be applied or released.
- When the vehicle is towed or drives into an automatic car wash, it needs to be switched to "N" gear and maintained, the driver is in the car, and the power supply of the whole vehicle is in the "READY" state.

EPB INDICATOR

Icon	State	Explanation
	Normally on	The electronic parking brake (EPB) is always on when it is clamped, and it lights up when the EPB is not applied, indicating that the system is abnormal
	Flash	Electronic Parking Brake (EPB) Clamping/Releasing; Dynamic Emergency Braking or Degraded Braking Activated; Brake Hub Mode Active; Or Electronic Parking Brake (EPB) Status Unknown
	Normally on	Electronic parking brake (EPB) fault indication; electronic parking brake (EPB) is in maintenance mode; or electronic parking brake (EPB) assembly status detection has not been completed

DYNAMIC EMERGENCY BRAKING

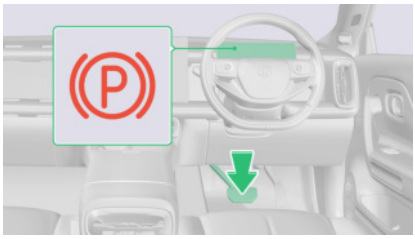
If the service brake of the vehicle fails, you can continuously press the "P" gear button to realise the dynamic emergency braking of the vehicle.

Shift to "D" or "R" gear, press the accelerator pedal, and the electronic parking brake (EPB) exits dynamic emergency braking.

⚠ WARNING

- Do not use dynamic emergency braking unless necessary; otherwise it will easily lead to traffic incidents and shorten the service life of parking brake system.
- Don't reduce the vehicle speed with the EPB under unnecessary conditions during driving, as the EPB only applies the braking force to the rear wheels, liable to cause a traffic incident.

START THE VEHICLE



When starting the vehicle, you can follow the steps below:

1. Unlock the vehicle and open the door to enter the vehicle.
2. Confirm that the gear is in "P" gear, i.e. parking gear.
3. When the brake pedal is pressed, the vehicle starts and enters the "READY" state, and the "READY" indicator light in the instrument cluster lights up.

ATTENTION

- If the battery is out of power and the vehicle cannot be started, you can try to start it in an emergency by means of jumping cable.
- Please check whether the seats, steering wheel and interior rearview mirror/exterior rearview mirror are adjusted to a safe and comfortable position before starting the vehicle.
- Please check whether the brake pedal can be fully depressed before starting the vehicle.
- Please check whether the surrounding environment meets the conditions for starting the vehicle, and do not start the vehicle if the conditions are not met.

NOTE

- If the vehicle has not been started for more than a period of time, you can use a password to start the vehicle or NFC to start the vehicle.

Start the vehicle with password

Enable the password start function on the "Settings-System-Security" interface of the central control panel. After setting the operation password, you can start the vehicle as follows:

1. Unlock the vehicle and open the door to enter the vehicle.
2. Confirm that the gear is in "P" gear, i.e. parking gear.
3. Depress the brake pedal and enter the operation password in the pop-up window on the central control screen according to the prompt information of the central control panel to start the vehicle.

NOTE

- If the Infotainment Screen is damaged and you cannot enter the password to start the vehicle, please contact the authorised dealer as soon as possible.

Start the vehicle with NFC key

The vehicle can be started by NFC key according to the following steps:

1. Unlock the vehicle and open the door to enter the vehicle.
2. Confirm that the gear is in "P" gear, i.e. parking gear.
3. Depress the brake pedal and place the NFC key in the mobile phone wireless charging area for more than 1s according to the prompt information on the central control. The vehicle starts and enters the "READY" state, and the "READY" indicator light in the instrument cluster lights up.

ACCELERATION MODE

In the "Settings-Driving" interface of CID, you can select the acceleration mode as Comfort, Standard and Sport.

- Comfort mode: The accelerator pedal responds smoothly and the power output is soft.
- Standard mode: taking into account both acceleration performance and ride comfort.
- Sport mode: The accelerator pedal responds sensitively and the power output is strong.

WARNING

- To ensure driving safety, please switch the acceleration mode in the parking state.

START

1. After the vehicle is started (in READY state), depress the brake pedal and shift to "D" gear.
2. Release the brake pedal, lightly step on the accelerator pedal, and the vehicle moves forward.

NOTE

- After turning on the creep mode in the "Settings-Driving" interface of the central control panel, release the brake pedal and the vehicle will move forward slowly.

PARK



1. Depress the brake pedal while driving until the vehicle stops smoothly.
2. When the gearshift lever is shifted to "P" position, the EPB indicator in the instrument cluster will illuminate. At this time, release the brake pedal and the vehicle stops.

WARNING

- Do not park vehicles near flammable and explosive items.

ATTENTION

- When leaving the vehicle, you must turn off the power of the vehicle, carry valuables and NFC keys with you, and make sure that the windows, doors, and back door are locked.
- Try to park on a straight road and avoid parking on steep slopes.
- When parking on a slope, the front wheels should be turned to the kerb regardless of whether the vehicle is facing the top or bottom of the slope.

ENERGY RECOVERY

When the vehicle brakes or coasts, the energy recovery system converts the kinetic energy of the vehicle into electrical energy and stores it in the power battery.

In the "Settings-Driving" interface of the central control panel, you can set the energy recovery level to strong, medium and weak.

- Strong grade: strong coasting energy recovery, and the whole vehicle has a strong sense of drag.
- Medium level: moderate coasting energy recovery, and moderate drag of the whole vehicle.
- Weak level: The coasting energy recovery is low, and the whole vehicle has a weak sense of drag.

In some cases, braking or coasting cannot recover energy:

- The gearshift lever is not in "D" position (it is recommended not to coast in neutral during driving).
- During torque intervention (gear shifting, tyre slippage).
- The power battery is fully charged.
- The temperature of the power battery is extremely high or low.

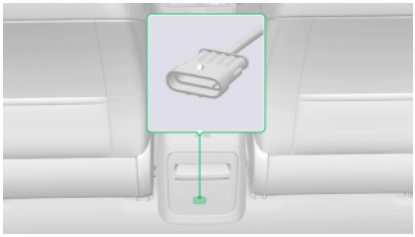
NOTE

- The energy recovery system will automatically allocate the ratio of motor and hydraulic brake, which has no effect on the braking distance and effect of the vehicle.
- Vehicles with energy recovery function have a shorter coasting distance at the same speed than vehicles without energy recovery function (such as traditional vehicles).

ALCOLOCK INTERFACE

An alcolock is a device used to prevent the driver from starting the vehicle when the alcohol

concentration exceeds the safe standard. For models equipped with the handheld alcolock, the driver must undergo a breath test before starting the vehicle.



The vehicle is reserved with an alcohol lock interface, which is located in the auxiliary instrument panel and supports the later installation of an alcohol lock handset.

NOTE

- To install the handheld alcolock, please contact the authorised dealer.

DRIVING AND ENVIRONMENT

ECONOMIC DRIVING

The vehicle driving mileage and traction battery capacity are influenced by driving habit, storage condition, charging method, and traction battery temperature. Good driving habits and driving styles can not only save power and increase the vehicle's range, but also help extend the vehicle's service life.

- Smooth start-up and acceleration. Rapid start and acceleration will increase power consumption and shorten the life of drive motor. Try to avoid stepping aggressively on the accelerator pedal to start and accelerate when driving a vehicle. Smooth start and acceleration are beneficial to save power and slow down motor loss.
- Optimise the utilisation of regenerative braking system. On the premise of ensuring safety, appropriate brake strength shall be selected under different road conditions to match the running status of the vehicle. In order to make full use of the regenerative braking system, please step on the brake as gently as possible to slow down and avoid rapid deceleration.
- Maintain a steady cruising speed. Keep a stable speed according to road conditions and allowed speed.
- Maintain low aerodynamic drag on the vehicle. Opening windows when the vehicle is driving at high speeds can significantly increase the vehicle's wind resistance, leading to increased power consumption. Please close the windows when the vehicle speed is greater than 80km/h (50mph).
- Maintain normal tyre pressure. Check the tyre pressure. Too low tyre pressure will increase the rolling resistance of the tyre, resulting in increased power consumption.
- Reduce vehicle weight. Avoid loading unnecessary heavy objects on the vehicle. Too much weight will increase the load of the powertrain and lead to higher power consumption.
- Do not change the size of tyres at will. Using larger or wider tyres will result in higher power consumption.
- Clean the vehicle properly. The chassis of the vehicle must be kept clean and free of mud, which can not only reduce the weight of the vehicle body, but also prevent corrosion.
- Reasonably use the A/C. The A/C will significantly increase the power consumption, please use the A/C when necessary. Windows can be opened for ventilation at low speed. Using the Inside Air mode will save more energy during use of the A/C.
- Deactivate non-essential functions. The heating device in the car consumes a lot of electricity (such as seat heating*, etc.). When these functions are not needed, they should be turned off.
- Schedule regular maintenance. Maintain the vehicle in accordance with the specified time to keep the vehicle in good condition. A good running status of the drive motor not only improves driving safety, but also helps to reduce power consumption.
- Plan the optimal driving route. Optimise the route, and avoid congested roads as far as possible. This not only saves time, but also helps to reduce power loss.

WARNING

- The vehicles is strictly prohibited from overloading. When loading, the load should be evenly distributed to the front and rear

axles as far as possible, and the load should not exceed the standard value.

DRIVING WITH LOAD

For driving safety, please observe the following precautions when transporting cargo:

- Place heavier luggage items in the front position of the boot as much as possible.
- All luggage items must be properly secured in the boot. Unfixed items will move back and forth in the boot, causing the center of gravity of the vehicle to shift, which may affect the driving performance and safety of the vehicle.
- When transporting heavy loads, the vehicle's handling characteristics may be altered due to a shift in the centre of gravity, presenting a potential safety hazard. Therefore, the driving style and speed must be adjusted according to the actual situation.
- Do not exceed the permissible axle load and permissible gross weight. If the allowable axle load or allowable weight is exceeded, the driving performance of the vehicle may be affected, resulting in traffic incidents, personal injuries and vehicle damage.

⚠ WARNING

- The liftgate must be closed when the vehicle is running, otherwise it may cause incidents.
- Try to distribute and fix the load evenly to avoid incidents caused by emergency braking or sudden acceleration of the vehicle.

DRIVING ON SLOPES

When going up and down the slope, the driving speed shall be adjusted in time according to the slope to avoid overload or damage of the braking system. The following problems shall be noted when driving on slopes:

- The vehicle shall drive at a low speed when going uphill.
- It is strictly forbidden to power off the vehicle or coast in neutral when the vehicle is going downhill.
- Before going downhill, you must check whether the brakes work normally.

DRIVING AT HIGH SPEEDS

The higher the speed, the greater the injury caused by traffic incidents. In order to protect the safety of others and yourself, please follow the following precautions:

- The higher the speed of the vehicle, the longer the braking distance. Therefore, when braking, the brake pedal shall be controlled according to the vehicle speed and the required braking distance.
- When driving in rainy days, not only the visibility is low, but also the adhesion between wheels and the ground decreases, which easily leads to the loss of control of steering and braking, so the driving speed should be reduced.
- Driving at high speeds through mountain passes, overtaking large vehicles or passing through tunnels will be affected by lateral winds, so the driving speed should be reduced at this time.
- Always hold the steering wheel firmly when driving at high speed. When changing lanes or overtaking, avoid turning too much to prevent the vehicle from drifting due to excessive speed. When braking is required, it is recommended to brake several times to avoid pressing the brake pedal to prevent the vehicle from running off.
- A proper distance shall be kept between vehicles. Under normal circumstances, under the condition of dry road surface and good braking, the distance between vehicles is not less than the vehicle speed. If the vehicle speed is 80km/h (50mph), the distance between vehicles is not less than 80m; when the vehicle speed is 100km/h (62mph), the distance between vehicles is not less than 100m. It is necessary to always pay attention to roadside distance signs. In case of rain and fog, snow and ice, and wet road surface, the distance between vehicles shall be more than doubled.
- It is necessary to strictly distinguish the functions of lanes, drive in different lanes, usually take the main lane, and only use the overtaking lane when overtaking, to ensure smooth traffic flow.
- When exiting the highway, pay attention to the intersection sign, divert the car from the main lane and enter the deceleration vehicle to slow down, and enter the general highway via the ramp.

DRIVING AT NIGHT

When driving at night, please observe the following precautions:

- When driving at night, it is essential to operate the vehicle's lighting system correctly.
- Turn on the low beams before driving the vehicle at night; do not use high beams when following the vehicle in front.
- When approaching an uncontrolled intersection without traffic signals, reduce speed and alternate between high and low beams to signal your approach.
- During driving on the road with poor lighting conditions at night, when the speed is greater than 30km/h (19mph), please turn on the high beam.
- When driving at night, the limited illumination range of headlamps can induce visual fatigue. Exercise heightened vigilance, maintain a reduced speed, and conduct thorough observations. And you should try to avoid overtaking. When overtaking is really necessary, it is necessary to continuously change the high and low beams to signal to the front vehicle.

ATTENTION

- Before driving at night, please check and ensure that all lights of the vehicle function normally.
- When you drive at night and there are street lights, please do not turn on the high beams for a long time.
- Please turn off the high beams when two vehicles meet at night.

DRIVING IN FOGGY DAYS

When driving in foggy days, you must turn on the fog lamps and try to keep driving at a low speed. While driving, you should pay attention to pedestrian and passing vehicles and apply the horn accordingly. When you hear the whistle of other vehicles, you should also honk immediately to signal the position of your vehicle. To ensure the safety of others and yourself, please pay attention to the following matters:

- When driving in foggy days, try to drive in the middle of the road instead of driving along the roadside, and avoid collision with vehicles temporarily parked on the roadside waiting for fog to disperse.
- Before driving in foggy days, the lighting device of the vehicle shall be thoroughly checked. When driving, turn on the fog lights, taillights, position lights and low beams, use the lights to improve visibility, see the vehicles, pedestrians and road conditions ahead clearly, and let the other party see you. Also, do not use high beams when driving in foggy days.
- When driving in foggy days, do not forcefully step on or quickly release the accelerator pedal, and do not brake or turn the steering wheel sharply. If the vehicle speed must be reduced, first slowly release the accelerator pedal, and then lightly step on the brake pedal several times in succession to achieve the purpose of controlling the vehicle speed and prevent vehicle collision accidents.
- When driving on streets and township roads, pay special attention to the traffic conditions at intersections, and keep driving at low speeds to avoid collision with pedestrians or vehicles suddenly coming out of intersections.

WARNING

- Before traveling, the vehicle lighting system should be checked, such as front combination lights, fog lights, etc. to prevent incidents during the driving process of the vehicle, causing personal injury and even endangering lives.
- Avoid driving in foggy days. The visibility of driving on roads in foggy days is low, which is prone to traffic incidents, causing personal injury and even endangering lives.

DRIVING IN RAINY AND SNOWY DAYS

When driving a vehicle in rainy and snowy days, please follow the following safety precautions in order to ensure the safety of others and yourself:

- Try to keep driving at a low speed on rainy or wet roads.
- When driving in rainy days, do not step on or release the accelerator pedal quickly, and do not brake suddenly or turn the steering wheel sharply. When driving in rainy days, if you need to reduce the speed, first slowly release the accelerator pedal, and then lightly step on the brake pedal several times in a row to achieve the

purpose of controlling the speed and prevent rear-end collisions.
- Start and accelerate lightly and slowly. Sudden acceleration will make the wheels idle and slip, resulting in lateral vehicle slippage.
- Avoid turning the steering wheel sharply, and operate the steering wheel smoothly at a safe speed when turning. If you need to install tyre chains, you shall choose the specifications applicable to the tyres of the vehicle, and strictly follow the regulations of the tyre chain manufacturer before installation.
- When it rains, the windows are prone to fog affecting the driver's vision due to reduced visibility, and the road is slippery, reducing vehicle controllability. Therefore, it is recommended that you should drive carefully.
- When it rains, the heating function of exterior rearview mirrors shall be enabled in time to prevent the raindrops accumulated on the rearview mirrors from causing blind spots of the driver's sight.
- In case of cloudy days, heavy rain and fog and poor visibility, fog lamps and low beams shall be turned on in time.
- When the rain is too heavy or there is lightning and it is impossible to continue driving, park the vehicle in a position without water accumulation to prevent the vehicle from being soaked, and turn on the hazard warning lights to remind the vehicles behind.
- After rainy days, the vehicle shall be cleaned in time to prevent acidic substances in rainwater from corroding the paint surface of the vehicle body.

⚠ WARNING

- Driving in rainy and snowy weather is more dangerous than other environments. When driving, you shall be extra careful to reduce the speed and avoid incidents, which may cause injuries or even endanger lives.
- Drive at low speeds in rainy and snowy days. In rainy and snowy days, the visibility is low, and the road surface is slippery, which is prone to traffic incidents, causing injuries and even endangering lives.

⚠ ATTENTION

- Before driving into a flooded section, the depth of water must be found out and shall not exceed the lower edge of the vehicle body.
- After driving out of the flooded road, please lightly step on the brake pedal to check whether the brake function is normal. When the brake friction pad is wet, the braking performance will be significantly reduced, and accidents are prone to occur.
- In the event of a short circuit in electrical components or damage to the traction battery and drive motor due to water immersion, it is recommended to contact the authorised dealer.
- After the vehicle is powered off due to water ingress, please do not restart the vehicle. Disconnect the power supply immediately and contact the Leapmotor Service Centre or authorised service store as soon as possible.
- If you want to wade, please pass through the waterlogged road section at a steady and slow speed.

PRECAUTIONS FOR DRIVING IN WINTER

Winter driving conditions present significantly higher hazards compared to other seasons. When operating a vehicle, extreme caution must be exercised by adhering to cold-weather driving protocols to ensure both personal and third-party safety.
- Before driving in cold seasons such as winter, you must carefully check the safety equipment on the car: steering, braking, lighting, instrument cluster, horn, wiper, etc.
- The road is slippery after snow in winter. Keep a steady speed when driving. Do not perform unstable operations such as sudden acceleration, emergency braking, and sudden steering.
- Be gentle and slow when starting and accelerating to prevent tyre slippage and sideslip.
- After using the vehicle, park it in an indoor parking space promptly.
- Do not park the vehicle in snow or water to avoid ice and tearing tyres.
- Place wooden boards at the tyre position to prevent snow accumulation.
- Do not place the vehicle under a tree to prevent ice from falling and damaging the vehicle.
- When parking, the wiper arm can be lifted to prevent freezing on the windscreen and avoid

tearing of the wiper blade or damage to the wiper motor during use.
- Promptly remove snow and ice from the vehicle's surface, as accumulated snow and ice may impair certain vehicle functions and pose safety hazards.
- Prevent the accumulation of snow and ice beneath the mudguard: Snow and ice build-up under the mudguard may lead to steering difficulties. When driving in a cold winter, frequently stop and check whether there is ice and snow under the mudguard.
- Wipe the snow water off the combination lamp to prevent it from freezing and cracking.
- To prevent door handles from freezing over: spray a small amount of de-icer or glycerine onto the surface to inhibit ice formation.
- Try to park on flat ground.
- When parking, open the door to cool down and lock the door after a few minutes. Reduce the temperature difference between inside and outside of the vehicle to prevent glass from freezing.
- In cold climates, the energy of any battery will decrease, so the battery condition should be checked frequently to keep the battery fully charged for starting.
- Windscreen washer fluid containing antifreeze is required in winter.
- Regularly check the coolant level.
- It is recommended that you prepare some equipment and tools for use in case of emergency. It is recommended to spare the following equipment: anti-skid chains, window scrapers, signal flashing devices, jumper cables, etc.

TYRE CHAIN

Driving in adverse winter conditions, such as on snow-covered or icy roads, may accelerate tyre wear or lead to other faults. The following provisions must be followed to reduce faults in winter:
- Different countries and regions have different regulations on tyre chains. Before assembling tyre chains, you should refer to the regulations of each country and region. Do not install anti-skid chains without understanding that the regulations of various countries and regions may restrict their use.
- Tyre anti-skid chains need to be installed in pairs on the drive wheels.
- When driving a vehicle on a snowy road, if you install anti-skid chains, you must choose equivalent products of size and type that meet the tyre specifications on the vehicle. Inappropriate anti-skid chains will damage the vehicle's tyres, wheels, suspension, braking system and body. Moreover, speeding, emergency acceleration, emergency braking, emergency turning and other operations are potentially dangerous.
- Emergency braking on snowy or icy roads will cause the vehicle to drift and slip. Keep an appropriate safe distance from the vehicle in front and lightly step on the brake pedal. The anti-skid chains installed on the tyres can provide a certain amount of friction, but cannot prevent side slip.
- When installing anti-skid chains on tyres, it should be remembered that the vehicle power may be insufficient after the anti-skid chains are installed. Even if the road condition is good, drive carefully. Do not exceed the speed limit specified for tyre chains while driving, nor 50km/h (31mile/h), whichever is lower.
- Do not use anti-skid chains on dry ground. Please remove the anti-skid chains after driving to a snow-free road.
- Do not install anti-skid chains when the tire pressure is insufficient.

NOTE

- Anti-skid chains are not included in the scope of vehicle equipment, and the above information is for your reference only.

DRIVING IN HOT WEATHER

When driving a vehicle in hot weather such as summer, please follow the precautions for driving in hot seasons to ensure the safety of others and yourself.
- Do not expose the vehicle to the sun for a long time in hot seasons, and do not place flammable items (such as lighters, paper scraps, cloth toys, etc.) on or near the dashboard in the car.
- The ambient temperature is high in summer and the vehicle is prone to overheating. Therefore, in summer, the inspection and maintenance of the vehicle cooling system should be strengthened, and the scale in the coolant expansion pot and water channel and the debris embedded

between the radiator chips should be removed in time.
- Do not drive the vehicle wearing slippers or high heels.
- Since the weather is hot in summer, it is necessary to check whether the vehicle lines are short-circuited or aged, whether the plugs are loose, whether the battery is in normal working condition, etc., to prevent the vehicle from spontaneous combustion.
- In summer, the tyre pressure in the wheel tyre will increase with the increase of temperature, which is prone to tyre burst. When the tyre pressure fault indicator light is on during driving, you should stop the car immediately and wait for the tyre temperature to drop before driving.

PRECAUTIONS FOR DRIVING ON WATERLOGGED ROADS

Precautions for driving on waterlogged roads:
- Before driving into a flooded section, the depth of water must be found out and shall not exceed the lower edge of the vehicle body.
- Under no circumstances should you park, reverse, or attempt to start/stop the vehicle in water.
- When driving through water, maintain a steady and slow speed to navigate flooded sections.
- When the vehicle passes the waterlogged water roads, the braking effect will be slightly worse than that in normal status. At this time, keep driving at a low speed, and lightly step on the brake pedal several times continuously to restore normal braking performance.
- The vehicle must run at a low speed, otherwise waves may form in front of the vehicle, which may cause ingress of water into the front engine compartment or other components of the vehicle.

Impact of ingress of water into HV parts:
- HV parts are electronic devices. After soaking in water, the water in the HV parts cannot be fully evaporated by means of sun-drying and air-drying.
- Water ingress into high-voltage components has a great impact on their own insulation. At the same time, moisture contains a lot of conductive substances, which may cause internal short circuits in high-voltage components or put the high-voltage system at risk of short circuits. In this case, the safety and performance of the whole vehicle are seriously affected.
- Water ingress into HV parts has a great impact on the product protection grade, voltage withstand value, and other performance, posing a great safety risk.

⚠ ATTENTION

- During wading, some components of the vehicle, such as power, chassis or electrical system, may be seriously damaged.
- The waves caused by the opposite vehicle may exceed the allowable wading height of the vehicle.
- There may be potholes, mud puddles or stones hidden in the water, which will make it more difficult to drive through water.
- Wading in salt water is not allowed. Salt can cause vehicle rust. All vehicle components that have come into contact with salt water shall be flushed immediately with fresh water.
- After wading, it is recommended to go to an authorised dealer for a comprehensive inspection of the vehicle to check the hidden dangers and ensure driving safety.
- When the vehicle is cleaned or driven over the deep water road, the braking effect will be greatly reduced after the brake friction plate and brake disc are soaked in water. The braking distance will be longer than that in the normal status, and the vehicle may be biased to one side, and parking brake will not be able to engage. At this time, you should drive at a low speed and continuously gently step on the brake pedal to remove the residual moisture in the brake, and wait until the braking effect returns to normal before driving normally.

PRECAUTIONS UNDER DIFFERENT ROAD CONDITIONS

When encountering various road conditions, the following precautions should be observed:
- When driving on roads with crosswind and gust, slow down in advance, and properly control the speed and steering wheel.
- Avoid driving on sharp-edged objects or other road obstacles, as this may cause severe damage such as tyre blowouts.

- When driving on a bumpy or uneven road, slow down, otherwise it may scratch the chassis and cause damage to the vehicle.
- When driving downhill, it is essential to reduce speed in advance and avoid sudden braking to prevent overheating or excessive wear of the brake system.
- When driving on a smooth road, be careful when accelerating or braking, and rapid acceleration or emergency braking may cause the wheels to slip. When driving on icy and snowy roads, you should drive at a low and uniform speed to avoid sudden acceleration or emergency braking. Tyres can be equipped with anti-skid chains as needed.

DRIVING IN LOW TEMPERATURES

In low temperature environments, tyre performance degrades, grip decreases, and sensitivity to impact damage increases. High-performance tyres (summer use) exhibit reduced traction when ambient temperatures fall below 5℃ and are not recommended for ice/snow conditions. In cold weather, the tyres may become temporarily stiff and a rolling noise may be heard during the first few kilometres before the tyres warm up.

SAFETY EARLY-WARNING SYSTEM

BODY ANTI-THEFT ALARM SYSTEM

VEHICLE FORTIFICATION

After the vehicle is stationary and all doors are closed, operate the NFC key or App to lock the vehicle. The turn signal flashes 1 time and enters the anti-theft state.

VEHICLE DISARMING

After successful anti-theft, operate the NFC key or App to unlock the vehicle, and all turn signals flash 2 times. When the vehicle is in the anti-theft state, if no door is opened for a period of time after unlocking the vehicle, the vehicle will enter the anti-theft state again.

ANTI-THEFT ALARM

After the anti-theft is successful, if any door or back door is illegally opened, the turn signal will flash.

RELEASE THE ALARM

During the alarm period, operate the NFC key or App to unlock, you can exit the alarm mode, and the turn signal will go out. At this time, the vehicle is only in a de-alarm state rather than a disarmed state. Operate the NFC key or App to unlock again, the vehicle enters the disarmed state, and the turn signal flashes 4 times.

⚠ ATTENTION

- The modification, addition and replacement of the vehicle's immobilizer and alarm system and its components may lead to the failure to start the vehicle and the failure to unlock the doors.
- Do not leave the key in the vehicle when you get out of the vehicle.
- Do not modify or dismantle the immobilizer system without permission to avoid system abnormalities.
- Before locking the vehicle, make sure that no one is in the vehicle and the windows are closed.
- The immobilizer system can help (but may not completely) avoid vehicle theft. To ensure enhanced vehicle security, please park in a designated secure parking area. Prior to leaving the vehicle, kindly remove all valuables and personal belongings from the interior.

LOW-SPEED PEDESTRIAN WARNING SOUND

When the vehicle is driving at a low speed, the low-speed pedestrian warning sound system will issue a warning sound to pedestrians near the vehicle to remind pedestrians and vehicles and improve driving safety.

AVAS ALARM

When the vehicle is moving forward and the speed is not more than 30km/h (19mile/h), a warning sound will be emitted.

The vehicle also emits a prompt sound when reversing.

WARNING

- The low-speed pedestrian warning sound can only warn pedestrians from nearby vehicles, and the driver still needs to pay attention to the current driving environment at all times.

TYRE PRESSURE MONITORING SYSTEM (TPMS)

The tire pressure monitoring system is referred to as "TPMS", which can monitor and alarm tire pressure and tire temperature.

TIRE PRESSURE MONITORING SYSTEM ALARM

When any of the following situations occurs, the tire pressure monitoring system alarms:

- Tyre pressure too low.
- The tyre pressure is too high.
- Tyre temperature too high.
- The tyre temperature is too low (it will occur in some areas).
- Sensor has no signal.

TIRE PRESSURE ALARM INFORMATION

If the tire pressure is abnormal or the tire pressure monitoring system fails, the tire pressure fault indicator light in the instrument cluster will light up and display the corresponding text alarm information.

WARNING

- Do not rely entyrely on the tyre pressure monitoring system. Check the tyres regularly to ensure that the tyre pressure is correct and there is no damage to the tyres, such as punctures, cuts, cracks, etc.
- If the tyre pressure monitoring system indicator light is on, you must immediately reduce the speed, avoid sharp turns and emergency braking, stop safely nearby, and check the tyre pressure as soon as possible. When the tyre temperature is too high, it is recommended to stop and rest until the tyre temperature drops before continuing driving.
- The tyre pressure monitoring system can identify the tyre with low pressure. When the vehicle issues an underinflated alarm for a tyre, besides the inflation pressure for the alarmed tyre, the driver shall also check the tyres without the alarm issued.
- Different tyre pressures or low tyre pressure may increase tyre wear, reducing driving stability and increasing the braking distance.
- Different or too low tyre pressures may cause sudden tyre failure, tyre burst and vehicle loss of control.
- Driving with low tyre pressure will increase tyre deflection and cause the tyre to heat up rapidly, which may cause the tyre separation and flat tyre.
- When using tyres which do not conform to the specifications, incidents and tyre damage may be cased. Therefore, the driver shall be responsible for ensuring correct inflation pressure for all tyres. Thus, make sure to inflate all tyres to the standard pressure before driving. The tyre pressure monitoring system can only work properly when the tyre pressure of all cold wheels is correct.

LANE DEPARTURE WARNING (LDW)

SYSTEM INTRODUCTION

The lane departure warning system is referred to as "LDW". Through real-time monitoring and identification of road lane lines, it collects data on the road ahead. Combined with the vehicle's own driving data, when the driver does not turn on the turn signal, when the vehicle deviates from the lane, the system will send an alarm signal in advance to remind the driver to take corrective measures in time to ensure the safety of the driver and passengers.

ACTIVATE THE LANE DEPARTURE WARNING SYSTEM

After turning on the lane departure warning and auxiliary functions in the "Settings-Intelligent Driving-Active Safety" interface of the central control panel, select "Warning" to turn on the lane departure warning function.

TRIGGER THE LANE DEPARTURE WARNING SYSTEM



When the lane departure warning function is turned on and the vehicle is driving at a speed of not less than 60km/h (37mile/h), if the driver does not turn on the turn signal, when the system detects that the vehicle has not actively deviated from the lane and crossed the line, the lane departure warning function will be triggered, and the instrument cluster will display the vehicle's crossing state and prompt the driver to keep driving in the original lane through a prompt sound.

FUNCTION RESTRICTION

Do not use the LDW System in the following conditions:

- At road crossings or intersections.
- Tyre chains are used.
- The tyres are excessively worn and the tyre pressure is too low.
- When tyres of different structures, manufacturers, brands or tread patterns are used.
- When the vehicle is driving on a road under construction (such as construction signs, traffic cones and other roadblocks).
- On pavement with sharp turn, steep slope, ice or slippery surface, or in rainy, snowy or foggy days.

The following cases may cause the LDW system to fail to operate as expected or to autonomously exit, including but not limited to:

- When passing through a curve of a large curvature, e.g. expressway ramp, etc.
- Lane markings are unclear, worn, missing, crossed, or obscured by shadows cast by other vehicles or buildings or landscapes.
- Passing through sections without lane lines, such as non-standardised roads, intersections, construction areas, etc.
- Road sections passing through special lane lines, such as deceleration warning lines and diversion lines.
- Areas with unclear lane division, such as lane line convergence or separation areas, high-speed ramps, urban intersection areas, left turn waiting areas, etc.
- The road surface has edges or other high-contrast lines instead of lane lines, such as pavement joints, kerbs, etc.
- Lane lines cannot be identified or are incorrectly identified due to height changes, such as when going uphill and downhill.
- Lane lines cannot be identified or are incorrectly identified due to light reasons, such as strong lighting causing lane line reflections, poor visibility or insufficient light caused by bad weather and night.
- The distance between the lane lines on both sides is too wide or too narrow.

You are not recommended to use the LDW system in special and complicated road conditions, otherwise it may cause the LDW system to fail to operate as expected or exit, including but not limited to:

- Water accumulated, muddy, rugged and icy pavement, pavement with speed bumps, and pavement with obstacles.
- Traffic conditions with many pedestrians, bicycles, or animals.
- Complex and changeable traffic conditions, such as busy intersections, highway ramps, congested roads, etc.
- Tortuous roads, and roads with sharp turns.
- Uphill and downhill roads.
- Bumpy roads.
- The road is narrow.
- Entrance and exit of tunnels.
- Roads without central isolation belt.

The above warnings and restrictions do not represent all situations that may interfere with the Lane Departure Warning (LDW) system. Various factors may lead to Lane Departure Warning (LDW) system malfunction. To avoid collisions, you must remain vigilant while driving, continuously monitoring road conditions to anticipate whether corrective actions need to be taken at the earliest opportunity.

WARNING

- The lane departure warning function is only an auxiliary system and cannot actively control the vehicle to change lanes or maintain lanes. The driver should always pay attention to road conditions, actively control the vehicle and bear full responsibility for vehicle safety.

- The lane departure warning system cannot always identify lane lines. Due to factors such as bad weather, the function may be missed or falsely triggered. Therefore, drivers must concentrate on observing road and traffic conditions and drive carefully.
- Do not place objects that reflect light on the instrument panel, because these objects are not only easy to dazzle the driver, but also may reflect light into the field of view of the front camera of the system, which may affect the normal operation of the system.
- The sound of the audio system inside the vehicle or the noise outside the vehicle may prevent the driver from hearing the warning buzzer. Please avoid interference as much as possible and concentrate on observing the road conditions.
- The driver shall not rely too much on the LDW system, do not deliberately test the trigger of the function, or deliberately wait for the trigger of the function. Due to the inherent restraints of the system performance, false trigger and missed trigger cannot be avoided completely.
- If the driver turns on the turn signal and changes lanes, the lane departure warning function will be suppressed.
- When driving on a steep slope or curved road, the lane departure warning function may be suppressed if the distance from the front vehicle is too close or the front vehicle blocks the lane line.
- When the vehicle is greatly bumped due to road conditions during driving, and when the driver accelerates, decelerates or turns the steering wheel quickly, the functions of the LDW system may be suppressed.
- The front windscreen is cracked, tinted, or has a coating that does not meet the specifications. Objects that reflect light are placed on the dashboard, and any additional objects that affect the camera's line of sight may affect the normal operation of the system.
- For your driving safety, please do not test the lane departure warning function by yourself. The field of view for the camera shall not be blocked by objects or interfered by strong light. The function will be temporarily disabled due to temporary obstruction of the field of vision and strong light interference, and can be restored automatically after the field of vision is normal. If it cannot be restored by itself, it is recommended to contact the Leapmotor Service Centre or authorised service store for processing.
- The lane departure warning system will issue a warning when it detects unintentional lane deviation. Do not panic or turn the steering wheel unnecessarily.
- Camera recognition obstacles will cause the lane departure warning system to fail to operate as expected or exit. For camera restrictions, please refer to the "Driver Assistance System-Radar and Camera" section.
- If the lane departure warning system fails, please stop the car safely in time and contact the Leapmotor Service Centre or authorised service store for repair.

LANE KEEPING ASSIST (LKA)

SYSTEM INTRODUCTION

The lane keeping assist system is referred to as "LKA". It collects data on the road ahead through real-time monitoring and identification of lane lines. Combined with the vehicle's own driving data, when the system detects that the vehicle has a tendency to non-actively deviate from the lane next to it or is about to cross the lane line without turning on the turn signal, the lane keeping assist system will apply slight corrective steering assistance to the steering wheel to reduce the possibility of the vehicle deviating from the lane.

TURN ON THE LANE KEEPING ASSIST SYSTEM

After turning on the lane departure warning and assist function in the "Settings-Intelligent Driving-Active Safety" interface of the central control panel, select "Hold" or "Warning + Hold" to turn on the lane keeping assist function.

TRIGGERING THE LANE KEEPING ASSIST SYSTEM



When the lane keeping assist function is turned on and the vehicle is driving at a speed of not less

than 60km/h (37mile/h), if the driver does not turn on the turn signal, when the system detects that the vehicle has a tendency to non-actively deviate from the lane next to it or is about to cross the lane line, the lane keeping assist function will be triggered, and the system will apply slight steering assistance to the steering wheel. The instrument cluster will display the vehicle crossing the line state. If the vehicle deviates from the lane too much, the lane keeping assist system will provide appropriate visual and sound reminders.

FUNCTION RESTRICTION

The lane keeping assist (LKA) function may have problems such as functional failure or unexpected functional effects in the following scenarios:

- There are large-area shadows, obvious water accumulation, snow accumulation, construction and other situations in the lane that may make it difficult to identify lane lines, which may lead to unstable or impossible lane line identification, resulting in vehicle deviation from the lane, failure of lane keeping assist (LKA) function, abnormal exit of lane keeping assist (LKA) system and other problems.
- There are obvious accumulated water, snow, thin ice, thrown objects, obstacles, slippery road surface, subsidence and other conditions in the lane that may cause wheel skidding or severe bumping. This may cause the vehicle's driving angle to deviate from the expected planned path when the lane keeping assist (LKA) function is intervened. In extreme cases, wheels will slip, affecting driving safety.
- Poor road lighting conditions and backlighting in the driving direction may cause unstable or impossible lane line recognition, which will lead to vehicle deviation from the lane, failure of lane keeping assist (LKA) function, abnormal exit of lane keeping assist (LKA) system and other problems.
- In rainy, snowy, foggy and other weather conditions that may cause lane lines to be unrecognizable, there are problems such as unstable or impossible lane line recognition, which in turn causes the vehicle to deviate from the lane, the lane keeping assist (LKA) function fails, and the lane keeping assist (LKA) system exits abnormally.
- In strong wind weather, there are problems such as the vehicle's driving angle deviating from the expected planned path when the lane keeping assist (LKA) function is intervened, the vehicle deviates from the lane, and the lane keeping assist (LKA) function fails.

The above warnings and restrictions do not address all situations that may interfere with lane keeping assist (LKA). There are many factors that can cause lane keeping assist (LKA) to fail. To avoid collisions, you need to be vigilant when driving the vehicle and always pay attention to road conditions in order to predict whether corrective measures need to be taken as soon as possible.

⚠ WARNING

- The lane keeping assist system is only an auxiliary system and cannot replace the driver to monitor traffic conditions. The driver should always pay attention to road conditions, actively control the vehicle and bear full responsibility for vehicle safety.
- The driver should always hold the steering wheel and actively control the vehicle.
- The lane keeping assist system cannot always identify lane lines. Due to factors such as bad weather, the function may be missed or falsely triggered. Therefore, the driver must concentrate on observing the road and traffic conditions and drive carefully.
- The steering force of the lane keeping assist system is limited and can only provide slight corrective steering assistance. It cannot guarantee that the vehicle will completely prevent it from deviating from the lane. Therefore, please do not rely on the lane keeping assist system to control the direction. The driver should always be prepared to increase the steering force, especially in curves.
- The lane keeping assist system cannot continuously control the direction of the vehicle, that is, it cannot keep the vehicle in the middle of the lane.
- Do not place objects that reflect light on the instrument panel, because these objects are not only easy to dazzle the driver, but also may reflect light into the field of view of the front camera of the system, which may affect the normal operation of the system.
- The driver should not rely too much on the lane keeping assist system, and should not deliberately test or wait for the function to be triggered. Due to the inherent restraints of the system performance, false trigger and missed trigger cannot be avoided completely.

- When the lane keeping assist system exits unexpectedly, such as when the curve is too large, the road surface is inclined, the lane lines are unclear, the lane is too wide or too narrow, etc., the system will only prompt the user to exit the function through the change of lane line status in the instrument cluster. The driver must take full responsibility for driving safety.
- The lane keeping system cannot always recognise the markings. Sometimes it may mistake poor-quality road surfaces, certain road structures or objects for lane lines. When such a situation occurs, be sure to turn off the lane keeping system immediately.
- Excessive tyre wear or low tyre pressure will degrade the performance of the lane keeping system.
- When driving on a curve and deviating from the lane, the system may not have a separate prompt to exit the function. Please drive carefully.
- When the lane line has a non-smooth transition, the steering wheel may be adjusted significantly. Please drive carefully.
- When the road marking line is close to the curb, if the road marking line is not clear at this time, such as in the boundary lane of the tunnel, the camera's recognition may switch between the lane line and the curb, causing the steering wheel to swing back and forth. Please drive carefully.
- If the lane keeping assist system fails, please stop the car safely in time and contact the Leapmotor Service Centre or authorised service store for repair.

FORWARD CRASH WARNING (FCW)

SYSTEM INTRODUCTION

The forward collision warning system is referred to as "FCW". It detects the relative distance, orientation and speed between the vehicle ahead in the same lane and the subject vehicle, evaluates the degree of pre-collision risk based on other operation behaviours of the driver (such as depressing the brake pedal and accelerator pedal), warns the driver when necessary, and can timely remind the driver to take measures to avoid or mitigate collision when there is a risk of collision.

TURN ON OR OFF THE FORWARD COLLISION WARNING SYSTEM

In the "Settings-Intelligent Driving-Active Safety" interface of the central control panel, touch the front collision warning button to turn on or off the front collision warning system. After the system is turned on, the sensitivity of the front collision warning distance can be adjusted:

- Close: The sensitivity of safe distance when the function is triggered is low.
- Moderate: The sensitivity of safe distance when the function is triggered is moderate.
- Distant: The sensitivity of safe distance when the function is triggered is distant.

TRIGGERING THE FORWARD COLLISION WARNING SYSTEM



When the vehicle is driving within the speed range of 5~150km/h (3~93mile/h), when the system detects that there is a risk of collision between the vehicle and the target vehicle in front, it will remind the driver to keep a safe distance through the instrument cluster. If the brake pedal is pressed during the alarm, the alarm will stop.

FUNCTION RESTRICTION

The forward collision warning system may only recognise and respond to the vehicles, cyclists and pedestrians moving in the same direction and conforming the conditions. The system will not recognise and respond to the following targets, including but not limited to:

- Oncoming vehicles.
- Lateral-crossing vehicles.
- Animals.
- Traffic lights.
- Walls.
- Barricades (warning cones, etc.).
- Other non-vehicle objects.

In order to get the best of the function, the system needs to recognise the body contours and main features of pedestrians as clear and complete as possible, that is, it can recognise the pedestrian's head, shoulders, arms, legs, the upper body and

the lower body by combining standard human movement methods. The following cases may cause the failure in recognition of the pedestrian, preventing the forward collision warning system from operating as expected. Including but not limited to:

- Pedestrians taller than 200cm or shorter than 100cm.
- Pedestrians wearing larger clothing (such as raincoats, Hanfu, etc.) will cause the main features (arms, legs, etc.) to be blocked and the outline is not obvious.
- The pedestrian first appearing in the sensor's field of view is relatively close to the vehicle.
- The pedestrian carries a large luggage or backpack.
- The colour of the pedestrian's clothes and the background colour of the scene have low contrast.
- The pedestrian holds an umbrella, which blocks the main features of the head, the arms, etc.
- The pedestrian bends or crouches down.
- The pedestrian is sitting in a wheelchair.
- The distance from one pedestrian to another is relatively close.
- The pedestrian wears clothing with reflective materials.
- The pedestrian is in dark places such as night roads, tunnels, etc.
- The speed of the pedestrian changes greatly when crossing the road.

In order to play the best role of the function, the system needs to recognise the body contours and main features of pedestrians and the contours of the bicycle as clear and complete as possible. The cyclist identified by the system is an adult riding a bicycle designed for adults. The following cases may cause the failure in recognition of the cyclist, preventing the forward collision warning system from operating as expected. Including but not limited to:

- The features of the cyclist or the bicycle are blocked by clothing or other items, causing the contours not to be obvious.
- The bicycle carries large luggage.
- The bicycle is relatively fast.
- The colour of the cyclist's clothes and the bicycle have low contrast to the background.
- The speed of the cyclist changes greatly.
- The cyclist first appearing in the sensor's field of view is relatively close to the vehicle.
- The cyclist is riding in dark places such as night roads, tunnels, etc.
- People ride balance bikes, scooters, some motor scooters, electric bicycles in special forms, etc.

The following cases may cause the FCW system not to work as expected because the target is not directly ahead. Including but not limited to:

- It will not respond to targets in the blind spots of sensors, such as those at corners of vehicles and on the sides or rear of vehicles.
- They system may select an erroneous target or may be missed a target when approaching or making a turn.
- When the vehicle is on a slope, the system may lose its target or misjudge the distance to the target.
- When only a portion of the body of a vehicle in an adjacent lane cuts into the front of the vehicle (especially large vehicles such as buses and trucks), it may not be able to recognise and respond to the case.
- When the vehicle suddenly cuts into the rear of the vehicle in front, or when other vehicles suddenly cut into or out of the front of the vehicle, it may not be recognised in time.

Due to the special or complicated road conditions in the following situations, the forward collision warning system may fail to work as expected. Including but not limited to:

- Water accumulated, muddy, rugged and icy pavement, pavement with speed bumps, and pavement with obstacles.
- Traffic conditions with many pedestrians, bicycles, electric bicycles or animals.
- Complex and changeable traffic conditions, such as busy intersections, highway ramps, congested roads, etc.
- Tortuous roads, and roads with sharp turns.
- Uphill and downhill roads.
- Bumpy roads.
- Entrance and exit of tunnels.

The following operations may cause the FCW system not to send an alarm. Including but not limited to:

- When the driver is already braking, the forward collision warning system may not send an alarm.
- When the driver forcibly or suddenly steps on the accelerator pedal, the forward collision warning system may not send an alarm.
- When the driver spin the wheel sharply, the forward collision warning system may not send an alarm.

WARNING

- The forward collision warning system is an auxiliary function, which may not work in all driving situations, traffic conditions, weathers and road conditions, and it cannot replace focused driving and accurate judgement. Drivers are solely responsible for driving safety.
- The driver must observe the road conditions while driving, and he shall not rely on the forward collision warning system to warn or avoid possible collisions. Many factors can reduce or affect the performance, resulting in unnecessary, invalid or inaccurate warnings, brake interventions or omissions. Relying on the forward collision warning system to warn and avoid potential collisions may cause serious personal injury or death.
- The forward collision warning system cannot guarantee that special vehicles will be identified in all situations, especially at night. Such as tricycles, vehicles with damaged taillights or unclear tail contours, vehicles with obstructed tails, vehicles with irregular shapes, vehicles with tail vertical planes below a certain height, and empty vehicle-carrying vehicles.
- The front collision warning system may miss stationary or slow-moving vehicles, especially at night.
- The forward collision warning system may be triggered by mistake when the vehicle needs to drive to special scenarios such as pallet trucks and tow trucks.
- Before driving, the driver must confirm that there are no low obstacles that affect safety around the vehicle, avoiding related incidents caused by blocked vision.
- When the forward collision warning system is triggered, the driver needs to immediately apply brakes to reduce speed or avoid obstacles according to traffic conditions.
- The forward collision warning is only applicable to the warning of frontal collision and will not work when the vehicle is in reverse gear.
- The monitoring range of the camera and radar sensor associated with the front collision warning system is limited. Road and weather conditions may adversely affect the area that the forward collision warning system can monitor, and the driver must drive with caution.
- The forward collision warning system may issue an early warning when there is no risk of collision. Please concentrate and always observe the area ahead of the vehicle in order to predict whether any action needs to be taken.
- If traffic conditions or external influences prevent cameras and radars from correctly detecting pedestrians, cyclists, vehicles and other objects, warnings may be delayed or not issued at all.
- Obstacles in camera and radar sensor recognition will cause the front collision warning system to fail to operate as expected. For camera restrictions, please refer to the "Driver Assistance System-Radar and Camera" section.
- If the front collision warning system fails, please stop the car safely in time and contact the Leapmotor Service Centre or authorised service store for repair.

REAR CRASH WARNING (RCW)

SYSTEM INTRODUCTION

The rear collision warning system is referred to as "RCW". When the vehicle is driving, the system can monitor the environment behind the vehicle in real time and issue a warning message when a rear collision may occur.

TURN ON OR OFF THE REAR COLLISION WARNING SYSTEM

In the "Settings-Intelligent Driving-Active Safety" interface of the central control panel, touch the rear collision warning button to turn on or off the rear collision warning function.

TRIGGERING THE REAR COLLISION WARNING SYSTEM



When the vehicle is driving within the speed range of 15~150km/h (9~93mile/h), when it is detected that a vehicle is approaching the vehicle quickly and there is a risk of being rear-ended, the instrument cluster will issue an alarm message to remind the following vehicles to slow down or

maintain a safe distance by turning on the hazard warning lights.

FUNCTION RESTRICTION

The system may also issue an alarm when there is no vehicle in the detection area. The situations in which a false alarm may be issued include:
- The vehicle is in a parking lot.
- The vehicle is on uneven roads.
- Construction areas.
- Shrubs and trees.

In some cases, the rear collision warning system will find it difficult to provide assistance. Possible situations include:
- The rear vehicle changes lanes at the last minute.
- Rear vehicles are detected too late in scenarios such as sharp turns, ramps, etc.
- A vehicle is persistently tailgating from behind.

WARNING

- The rear collision warning system is an auxiliary function. It detects objects behind the vehicle through radar and cannot accurately detect all approaching targets. The driver should always keep his attention, observe the environment behind the vehicle while driving, avoid rear-end collisions with vehicles behind him, and take full responsibility for the safety of the vehicle.
- The rear collision warning system cannot detect objects behind it through other vehicles or obstacles.
- When the rear vehicle moves too fast, the RCW function may not be able to issue an alarm in time.
- If the rear collision warning system fails, please stop the car safely in time and contact the Leapmotor Service Centre or authorised service store for repair.

BLIND SPOT DETECTION (BSD)

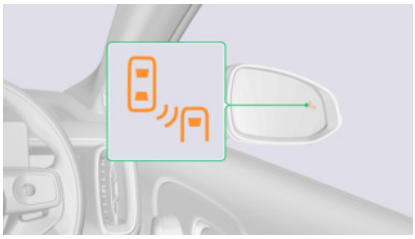
SYSTEM INTRODUCTION

The blind spot detection and warning system is referred to as "BSD". When the vehicle is driving forward, it continuously detects the blind spot on the rear side of the vehicle. When other vehicles are detected entering the blind spot range, the system will give an alarm prompt through the alarm indicators installed on the rearview mirrors on both sides of the vehicle.

TURN ON OR OFF THE BLIND SPOT DETECTION AND WARNING SYSTEM

In the "Settings-Intelligent Driving-Active Safety" interface of the central control panel, touch the blind spot detection warning button to turn on or off the blind spot detection warning system.

TRIGGERING THE BLIND SPOT DETECTION AND WARNING SYSTEM



When the vehicle is driving forward at a speed of not less than 10km/h (6mile/h), when the system detects that another vehicle has entered the blind spot range, it will light up or flash the blind spot monitoring indicator on the rearview mirror to remind the driver to avoid accidents during driving.

FUNCTION RESTRICTION

The system may also issue an alarm when there is no vehicle in the blind spot, and the system may issue a false alarm in the following situations:
- Crash barriers of the road.
- Concrete walls of the highway.
- Construction areas.
- Sharp turns around buildings.
- Shrubs and trees.
- Turning or vehicle U-turn scenarios.

In some cases, the system will have difficulty providing assistance to the driver, and the detection system may be affected or delayed. The possible cases include but are not limited to:
- The rear vehicle changes lanes at the last minute.
- Rear vehicles are detected too late in scenarios such as sharp turns, ramps, etc.
- The target vehicle is obstructed.

- When the radar cross section of the target vehicle (it may be a bicycle, electric scooter, etc.) is too small.
- The turning radius is too small, or when entering and exiting a bend.
- Bad weather, such as rain or snow.

⚠ WARNING

- The blind spot monitoring and warning system can only assist the driver in detecting vehicles running in the blind spots on both sides. The driver needs to pay attention to the driving conditions of the vehicle at all times, otherwise there may be safety hazards.
- The blind spot detection warning system may be delayed, and the driver needs to pay attention to the vehicle's driving conditions at all times.
- The BSD system can assist the driver in monitoring the blind spots of the left and right rearview mirrors, but it cannot replace the subjective observations and judgement from the driver. The driver must maintain control of the vehicle and drive it normally at all times, and he shall bear full responsibility for the vehicle.
- When a target vehicle approaches your vehicle from rear at a high speed, the BSD system may not be able to provide adequate warning function.
- If irrelevant targets on the side or rear, such as large roadside baffles during road construction, large roadside billboards, reflectors in tunnels and other objects with large reflective cross-sectional areas, are mistakenly selected as detected target vehicles, the blind spot monitoring warning system will issue an early warning.
- In some environments, the detection may be affected or delayed. For example, when the radar cross section of the target (it may be a bicycle, an electric scooter or a pedestrian) is too small, the system may have a risk of not being able to identify the target, which may result in a false alarm. In addition, the detection may be affected by noise or electromagnetic interference, etc., resulting in delay or interference.
- If the blind spot monitoring and early warning system fails, please stop the car safely in time and contact the Leapmotor Service Centre or authorised service store for repair.

REAR CROSS TRAFFIC ALERT (RCTA)

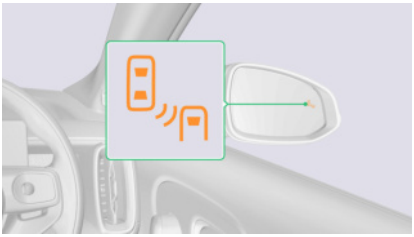
SYSTEM INTRODUCTION

The rear cross traffic warning system is referred to as "RCTA". When the vehicle is reversing, the system will detect other vehicles driving in the blind spot behind the vehicle. If the system determines that a vehicle approaching from behind may collide with the vehicle, the system will issue an audible and visual alarm to remind the driver to pay attention to reversing safety.

TURN ON OR OFF THE REAR CROSS TRAFFIC WARNING SYSTEM

In the "Settings-Intelligent Driving-Active Safety" interface of the central control panel, touch the rear cross traffic assist button to turn on or off the rear cross traffic warning system.

TRIGGERING THE REAR CROSS TRAFFIC WARNING SYSTEM



When the vehicle is reversing, if the system detects that there are vehicles coming from both sides behind, it will remind the driver by lighting up or flashing the blind spot monitoring indicator on the rearview mirror.

FUNCTION RESTRICTION

The rear cross traffic warning system cannot detect the vehicle behind it through obstacles or parked vehicles. The oncoming vehicle warning cannot detect vehicles passing through the rear side in the following situations, including but not limited to:

- The vehicle stops in the innermost position.

- The parking spaces are at a certain angle.

The system may also issue an alarm when there is no vehicle in the detection area, and the system may issue a false alarm in the following situations:
- Crash barriers of the road.
- Concrete walls of the highway.
- Construction areas.
- Sharp turns around buildings.
- Shrubs and trees.
- When the vehicle stops, the distance to the rear vehicle is too short.
- Indoor parking lot.

WARNING

- The rear cross traffic warning system is an auxiliary function. It detects objects behind the vehicle through radar and cannot accurately detect all approaching targets. The driver should always keep his attention and observe the environment behind the vehicle when reversing to avoid collisions with other vehicles or pedestrians, and take full responsibility for safety during reversing.
- If the rear cross traffic warning system fails, please stop the car safely in time and contact the Leapmotor Service Centre or authorised service store for repair.

REAR CROSS TRAFFIC BRAKE (RCTB)

SYSTEM INTRODUCTION

The rear cross traffic brake system is referred to as "RCTB". When the vehicle is reversing at a low speed, it assists in braking when the vehicle is about to collide with a vehicle passing through from behind, thereby minimizing the degree of collision.

The operating speed range of the rear cross traffic braking system is 0~10km/h (0~6mile/h).

ACTIVATE OR DEACTIVATE THE REAR CROSS TRAFFIC BRAKING SYSTEM

In the "Settings-Intelligent Driving-Active Safety" interface of the central control panel, after the rear cross traffic assist function is turned on, touch the "Warning + Braking" button to turn on the rear cross traffic braking function.

FUNCTION RESTRICTION

The rear cross traffic brake function is a driver assistance function and cannot cope with all traffic, weather and road conditions.

When encountering (but not limited to) the following scenarios, the rear cross traffic brake function will not be able to assist in applying braking, or it will stop and continue to apply braking when braking is being applied:
- The driver's seat belt is unfastened.
- Any door, front/rear boot is not closed or is malfunctioning.
- The driver turns the steering wheel suddenly, or the vehicle is at risk of lateral instability (such as excessive steering wheel angle or speed).
- The driver steps heavily on the accelerator pedal.
- The driver steps heavily on the brake pedal and then release it.
- Poor visibility (such as rain, snow, fog, etc.).
- Adverse road conditions (e.g., wet/slippery surfaces).
- Sharp steering section.
- There is a malfunction in the vehicle's braking system.

In the following scenarios (but not limited to), the system may miss, misdetect, or fail to detect obstacles in time due to rear/side rear occlusion or target type, position, timing of appearance, and other factors, resulting in the system not warning or braking or untimely warning and braking:
- Unfavorable weather conditions, such as rain, snow and fog.
- There is a large vehicle behind or to the side of the vehicle, blocking the detection area of the vehicle's radar or camera.
- The rear or side of the vehicle is obstructed, or the light contrast between the obstacle and the front sight is not strong, resulting in unclear, inaccurate, and incomplete obstacle recognition.
- There is a pedestrian or two-wheeled vehicle carrying a large object behind or to the side of the vehicle.
- There is a pedestrian or two-wheeled vehicle behind or to the side of the vehicle, moving slowly into the lane or moving in the opposite direction toward the vehicle.
- The vehicle or the target behind or to the side of it is in a curve.

- There is a target behind or to the side of the vehicle that can only be detected after the vehicle changes lanes.
- Other situations that are beyond the detection conditions and range of the vehicle's radar or camera.

The system may fail to brake promptly under (but not limited to) the following scenarios: wet road surfaces, excessive or insufficient target speed, or sudden braking of the target vehicle.

- Poor road conditions, such as slippery roads after sprinkler truck operations or rain.
- There is a vehicle merging into your lane quickly or cutting in closely from behind your vehicle.
- The relative speed difference between the ego vehicle and the rear crossing vehicle is large.
- A vehicle coming laterally from behind your vehicle suddenly brakes.
- The vehicle is heavily loaded.
- The vehicle is on an uphill, downhill, or sharp curve.
- Other situations that affect or degrade performance.

In scenes with poor lighting such as strong light and reflections, the system may misdetect or even misbrake. For example, the system may misdetect rails, gantries, height limit poles or traffic signs, reflective ground spikes, etc. as obstacles, thereby triggering anti-collision braking.

The anti-collision braking function will not be activated frequently, and the system will not trigger the anti-collision braking again within a few seconds of the previous anti-collision brake.

⚠ WARNING

- The rear cross traffic braking function is a driver assistance function. It is triggered when all conditions such as vehicle speed, driving environment and obstacle conditions are met. Vehicles, cyclists or pedestrians cannot be detected in all cases, and may fail, become improper or untimely due to many factors such as the ego vehicle's running speed, obstacle type, distance from obstacles, driving environment and system response delay. The driver should always pay attention to the traffic conditions and road environment. Do not rely on the rear cross traffic brake function to reduce speed, avoid collisions or weaken the impact of collisions. Do not use it as a substitute for the driver's normal braking operation.
- Due to system performance limitations, the rear cross traffic brake may be triggered by mistake, resulting in sudden braking of the vehicle during driving. The driver should always be alert to the surrounding environment and keep his hand on the steering wheel when using it so that he can control the vehicle in time when potential danger occurs, and take full responsibility for the safety of the vehicle.
- When rear cross traffic braking occurs, the brake pedal will move down quickly by itself. Therefore, always make sure that the brake pedal can move freely. For example: Ensure that the driver's floor mat is properly secured and avoid placing any items (including additional mats) beneath or on top of the driver's floor mat, as this may impede the free movement of the brake pedal.
- In case of rear cross traffic braking, the driver shall immediately take measures to avoid other accidents or injuries caused by emergency braking. For example: For scenarios where there is indeed a risk of collision, the driver should step on the brake pedal in time to ensure braking; for unnecessary braking, the driver can interrupt braking by quickly stepping on the accelerator pedal or turning the steering wheel.
- The driver should always remain vigilant, pay close attention to various dangerous situations around him, and always keep his hands on the steering wheel so that he can control the vehicle in time when potential danger occurs to ensure safe driving. Violation of the above operations will affect your safe driving, may cause incidents, and even lead to property damage, personal injury, or death.

FRONT CROSS TRAFFIC ALERT (FCTA)

SYSTEM INTRODUCTION

The front cross traffic warning system is referred to as "FCTA". When the vehicle is running at a low speed (the speed is between 4~15km/h (2.5~9mile/h)), it monitors the driving environment in the blind spot ahead of the vehicle and sends out alarm information when it detects that there is

a risk of collision with a crossing vehicle ahead, so as to avoid or reduce the possibility of accidents.

TURN ON OR OFF THE FRONT CROSS TRAFFIC WARNING SYSTEM

On the "Settings-Intelligent Driving-Active Safety" interface of the central control panel, touch the front cross traffic assist button to turn on or off the front cross traffic warning system.

TRIGGER THE FRONT CROSS TRAFFIC WARNING SYSTEM

There will be an image prompt on the side of the instrument where there is a vehicle approaching, reminding you to pay attention to the vehicle approaching on that side.

The vehicle sounds an alarm to remind you to pay attention to sideways vehicles.

FUNCTION RESTRICTION

Including but not limited to the following situations, the front cross traffic warning system may trigger unnecessary effects or fail to work normally:

- When the radar sensor, camera or its surrounding area is misaligned due to strong impact.
- When the distance between this vehicle and the vehicle in front is very close, the target vehicle suddenly crosses.
- When the vehicle is too close to an object that can reflect radio waves toward the front of the vehicle (such as a guardrail, wall, traffic sign or parked vehicle).
- Situations beyond the detection conditions or range of the vehicle's radar or camera.
- The target speed is too fast or too slow, the target suddenly brakes, the target suddenly turns, etc.
- There is a situation where the front or side front of the vehicle is blocked.
- In poor lighting scenarios such as strong light and reflection, the system may misdetect and cause false alarms. For example, the system may mistakenly detect rails, gantries, height limit poles, traffic signs, reflective ground spikes, etc. as obstacles, thereby triggering an alarm.

WARNING

- The front cross traffic warning system is only a driving assistance system and cannot replace the driver to monitor the traffic status. The driver should always be alert to the surrounding environment. Be sure to drive carefully and be responsible for your own driving behaviour.
- The forward cross traffic warning system cannot cope with all traffic, weather, visibility, road and vehicle conditions. Be sure to drive carefully and be responsible for your own driving behaviour.
- The front cross traffic warning system only works on typical crossing vehicles, pedestrians and cyclists, but cannot work normally on irregular moving targets or other static targets.
- The system cannot detect objects behind it through other vehicles or obstacles.
- In some cases, the system does not work in time.
- If the front cross traffic warning system fails, please stop the car safely in time and contact the Leapmotor Service Centre or authorised service store for repair.

FRONT CROSS TRAFFIC BRAKE (FCTB)

The front cross traffic brake system is referred to as "FCTB". When the vehicle is running at a low speed (the speed is between 4~15km/h (2.5~9mile/h)), it monitors the driving environment in the blind spot ahead of the vehicle and sends out alarm information when it detects that there is a risk of collision with the front cross traffic vehicle approaching quickly, so as to avoid or reduce the possibility of accidents. When the collision risk is further aggravated, braking will be automatically applied when the ego vehicle is about to collide with the cross traffic ahead, so as to reduce the vehicle speed and minimize the degree of collision or avoid collision.

ACTIVATE OR DEACTIVATE THE FRONT CROSS TRAFFIC BRAKING SYSTEM

In the "Settings-Intelligent Driving-Active Safety" interface of the central control panel, after the front cross traffic assist function is turned on, touch the "Warning + Braking" button to turn on the front cross traffic braking function.

FUNCTION RESTRICTION

Including but not limited to the following situations, the front cross traffic braking system may trigger unnecessary effects or fail to work normally:

- When the radar sensor, camera or its surrounding area is misaligned due to strong impact.
- When the distance between this vehicle and the vehicle in front is very close, the target vehicle suddenly crosses.
- When the vehicle is too close to an object that can reflect radio waves toward the front of the vehicle (such as a guardrail, wall, traffic sign or parked vehicle).
- Situations beyond the detection conditions or range of the vehicle's radar or camera.
- The target speed is too fast or too slow, the target suddenly brakes, the target suddenly turns, etc.
- There is a situation where the front or side front of the vehicle is blocked.
- In poor lighting scenarios such as strong light and reflection, the system may misdetect and cause false alarms. For example, the system may mistakenly detect rails, gantries, height limit poles, traffic signs, reflective ground spikes, etc. as obstacles, thereby triggering an alarm.

⚠ WARNING

- The front cross traffic braking system is only a driving assistance system and cannot replace the driver to monitor the traffic status. The driver should always be alert to the surrounding environment. Be sure to drive carefully and be responsible for your own driving behaviour.
- The front cross traffic braking system cannot cope with all traffic, weather, visibility, road and vehicle conditions. Be sure to drive carefully and be responsible for your own driving behaviour.
- The front cross traffic braking system only works on typical crossing vehicles, pedestrians and cyclists, but cannot work normally on irregular moving targets or other static targets.
- The system cannot detect objects behind it through other vehicles or obstacles.
- In some cases, the system cannot work in time. The driver must drive carefully and be responsible for his own driving behaviour.
- If the front cross traffic brake system fails, please stop the car safely in time and contact the Leapmotor Service Centre or authorised service store for repair.

DOOR OPEN WARNING (DOW)

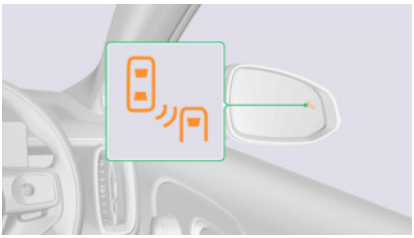
SYSTEM INTRODUCTION

When the vehicle stops or is driving at a low speed, the door opening warning system detects vehicles approaching from behind in the adjacent lane and issues an alarm to remind the driver when there is a risk of opening the door.

TURN ON OR OFF THE DOOR OPENING WARNING

In the "Settings-Intelligent Driving-Active Safety" interface of the central control panel, touch the door opening warning button to turn on/off the door opening warning function.

TRIGGER DOOR OPENING WARNING



When the vehicle is stationary, if the system detects that another vehicle has entered the blind spot range and the driver intends to open the door at this time, the system will remind the driver by lighting up or flashing the blind spot monitoring indicator on the rearview mirror.

FUNCTION RESTRICTION

The system may also issue an alarm when there is no vehicle in the detection area. The situations in which a false alarm may be issued include:

- Crash barriers of the road.
- Concrete walls of the highway.
- Construction areas.
- Shrubs and trees.

- When the vehicle stops, the distance to the rear vehicle is too short.
- There is a larger vehicle behind your vehicle.
- Your vehicle or the rear target is in a curve.
- The rear vehicle rapidly changes lanes and moves into your vehicle's rear position.
- A target is present behind your vehicle that can only be detected by initiating a lane change manoeuvre.

WARNING

- The door opening warning is an auxiliary function. It detects obstacles in the blind spot of the vehicle through radar, but cannot accurately detect all obstacles. Therefore, the driver should always pay attention and observe the surrounding environment of the vehicle when opening the door to ensure that there will be no collision with vehicles, pedestrians, etc. when opening the door, and take full responsibility for the safety of opening the door.
- If the door opening warning function fails, it is recommended to contact the Leapmotor Service Centre or authorised service store for maintenance in time.

CHILD PRESENCE DETECTION (CPD)

SYSTEM INTRODUCTION

After the driver leaves and locks the car, the child presence detection function detects whether there are vital signs in the front passenger seat and rear row through a radar installed on the top of the car. If vital signs are detected, the driver will be prompted to return to intervene through different levels of reminders such as horns, lights, air conditioning, text messages and apps to ensure the safety of passengers' lives.

TURN ON OR OFF THE CHILD PRESENCE DETECTION SYSTEM

On the "Settings-System-Safety" interface of the central control panel, touch the life detection button to turn on or off the child presence detection system.

WARNING

- Please read this function description carefully before use.
- This function is only used for auxiliary reminders and cannot replace the driver's judgment. It is not responsible for casualties caused by occupants left in the car. Please confirm the situation inside the car before leaving.

ATTENTION

- Obstructions can affect the performance of sensor detection. Before leaving the car, please do not use decorative parts to cover the front passenger's sun visor area and the ceiling area above the rear windows, or push the front seats to the back or tilt them, otherwise it may cause the system to fail to correctly detect the real-time status of the passengers.
- Please pay attention to the network environment around the vehicle. If it is in a basement or an area without network signal, the alarm information may not be sent or delayed.
- This function may be triggered by mistake in vehicle shaking scenarios such as trailers, three-dimensional parking space lifting, hail, typhoons, and heavy rain. It is recommended that the driver turn off this function in advance.
- When the decorative items or other non-fixed objects in the car shake, this function may be triggered by mistake. Please properly confirm the items in the car before leaving the car.

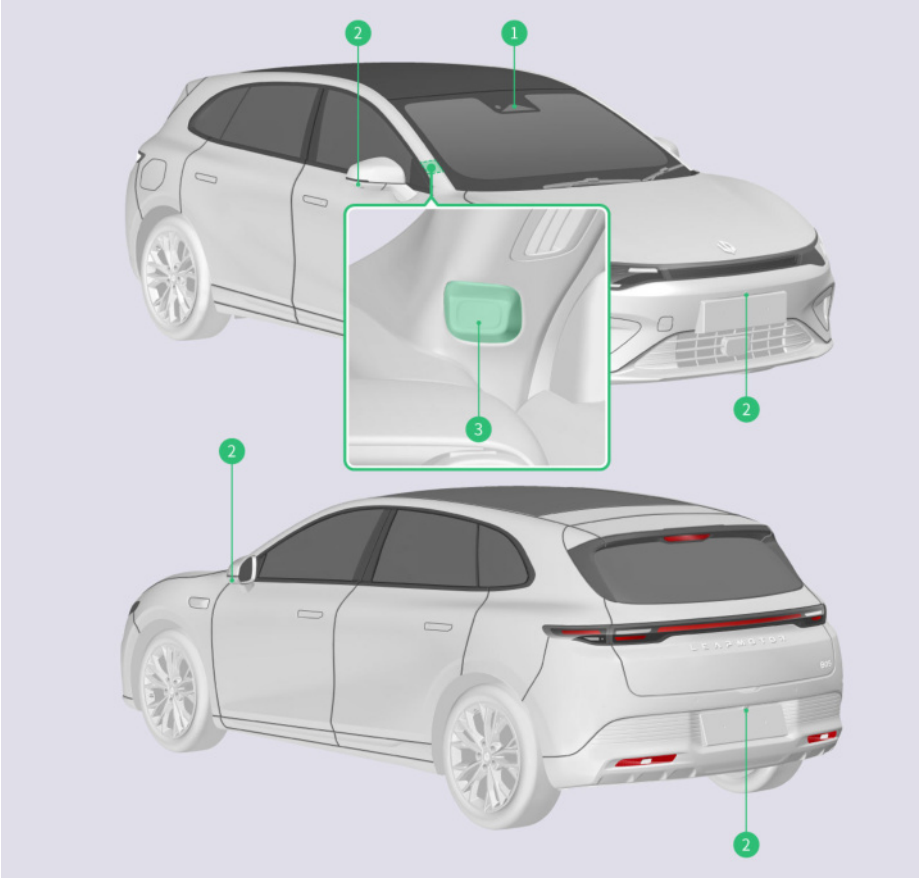
NOTE

- The current alarm can be released by unlocking and opening the door.
- If the driver leaves the vehicle for a short time, he/she can set the vital signs detection function through the central control panel to delay the detection for 8 minutes after locking the vehicle.

DRIVING ASSISTANCE SYSTEM

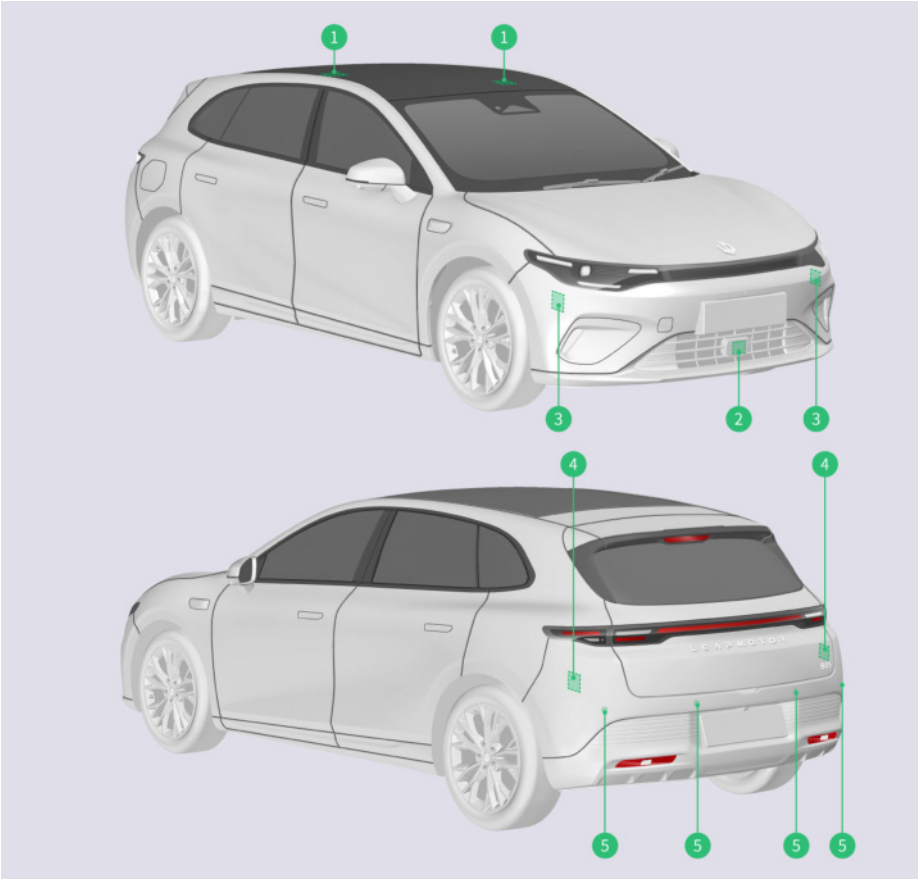
RADAR AND CAMERA

CAMERA DISTRIBUTION



1. Front-view camera
2. Surround view camera (fish-eye)
3. Driver fatigue monitoring (DMS) camera

RADAR DISTRIBUTION



1. Vital signs monitoring radar
2. Forward millimeter-wave radar
3. Front side millimeter-wave radar (corner radar)
4. Rear side millimeter-wave radar (corner radar)
5. Reversing ultrasonic radar

RADAR AND CAMERA LIMITATIONS

The following targets cannot be identified by radar/camera:

- Special vehicles, such as vehicles with obstructed rear ends, damaged vehicles, vehicles with irregular shapes, etc.
- When encountering animals, traffic lights, walls and other unknown obstacles on the road.
- Some metal guardrails, green belts, concrete walls, etc.
- Roadside facilities, traffic cones, anti-collision barrels, tripods, small construction signs, etc.
- Static obstacles, such as road construction facilities in the middle of the road (traffic cones, traffic barrels, traffic columns, warning triangles or other roadblocks).
- Static objects, such as a slow or stationary road sweeper, an overturned incident vehicle, large rocks, tripods, isolation belts, pedestrians crossing the road, etc.
- Low obstacles, such as buckets and low boxes.
- Suspended obstacles, such as suspended water pipes in walls and suspended parts on the bottom of trucks.
- Obstacles entering the blind spot cannot be identified.

The following situations may cause the radar/camera to fail to identify the target, or cause identification delay or error:

- The radar or camera is blocked by foreign objects such as ice, snow, frost, rain, fog, stagnant water, dust, etc. or is dirty.
- The radar, camera, or components associated with them are faulty.
- Bad weather, such as rain, snow, fog, etc.
- The vehicle shakes due to uneven roads or other reasons.
- There are sound wave sources of the same frequency around the vehicle.
- There are objects that could cause false reflections of sound waves near the vehicle.
- The radar-detected target is coated with sound-absorbing materials such as snowflakes, foam, or cotton-based objects.
- The detected object is too small.
- In rare special circumstances, false alarms may occur on some metal guardrails, green belts, concrete walls, etc.
- Sudden changes in ambient brightness, such as tunnel entrances or exits.
- A large shadow cast by a building, landscape, or large vehicle.
- The radar or camera installation position is changed due to vehicle collision.
- Hard light, such as oncoming headlamp light or direct sunlight.
- The surrounding environment is dark, such as night, dawn, dusk, tunnels, etc.

NOTE

- When the reversing ultrasonic radar system fails, the driving assistance function fault indicator light in the instrument is always on. It is recommended that you contact the Leapmotor Service Centre or authorised service store for repair in time.

FULL-SPEED ADAPTIVE CRUISE CONTROL (ACC)

SYSTEM INTRODUCTION

The full-speed adaptive cruise control system is referred to as "ACC". During normal driving of the vehicle, the driver can set the cruising speed and following distance through the steering wheel buttons. When the distance to the front vehicle is too close, the full-speed adaptive cruise control (ACC) maintains a safe distance from the front vehicle by controlling the vehicle to slow down. Adaptive cruise control (ACC) is only responsible for longitudinal acceleration and deceleration control, not steering wheel control.

Full-speed adaptive cruise control (ACC) is a comfort-oriented driving assistance function. If the road ahead is clear, the vehicle will keep driving forward while maintaining the set maximum cruising speed. If a vehicle is detected ahead, the system will reduce speed as necessary to maintain the preset following distance.

TURN ON FULL-SPEED ADAPTIVE CRUISE CONTROL (ACC)



When the vehicle is running normally and the full speed range adaptive cruise (ACC) available icon appears on the instrument cluster, pull down the shift lever, the full speed range adaptive cruise (ACC) enters the working state, and the instrument cluster prompts that the function has been turned on; if the full speed range adaptive cruise (ACC) is unavailable, the instrument cluster prompts that the function is unavailable.

Depress the accelerator pedal and pull down the shift lever at the same time. If the current actual vehicle speed is greater than 50 km/h (31 mile/h), set the cruise speed as the current vehicle speed; if the current actual vehicle speed is less than or equal to 50 km/h (31 mile/h), set the cruise speed as 50 km/h (31 mile/h).

CRUISE INTERFACE DISPLAY

When adaptive cruise control is available, the instrument indicator lights up. When the adaptive cruise control is working, the instrument indicator lights up.

STEERING WHEEL BUTTONS CONTROL FULL-SPEED ADAPTIVE CRUISE



Vehicle speed control:

- Roll the roller upward, and the speed will increase by 1km/h for each rolling grid.
- Roll the roller down, and the speed will be reduced by 1km/h for each rolling grid.

Following distance setting (3 levels in total):

- Each time the roller is moved to the left, the following distance is set to a closer gear.
- Each time the roller is turned to the right, the following distance is set to a longer gear.

TURNING OFF FULL-SPEED ACC



When the full-speed adaptive cruise control is turned on, the full-speed adaptive cruise system can be turned off by pulling up the shift lever or stepping on the brake pedal.

FUNCTION RESTRICTION

Unavailability of full-speed adaptive cruise function:

- Full speed range adaptive cruise (ACC) system failure.
- Gear position is not in "D" mode.
- The vehicle speed is 0.
- The turning radius of road curve is too small.
- The vehicle door is not closed.
- Step on the brake pedal.
- Electronic parking brake (EPB) is not released.
- The accelerator pedal opening and closing degree is greater than 65%.
- The vehicle slides backward.
- At night, in basements, tunnels, bridge openings and other dark scenes, as well as in severe weather such as heavy rain, snow and fog.

WARNING

- Adaptive cruise control (ACC) is not a safety system, obstacle detector or collision warning system, but a comfort system. The driver

must always maintain control of the vehicle, observe the road conditions ahead and take corrective measures at any time. Do not rely on the system and bear the ultimate full responsibility for the driving safety of the vehicle.

- The ACC is a driving assistance function that cannot cover all road scenarios, weather, and complex road conditions, thus the driver must carefully use it in conjunction with the prevailing weather conditions, road traffic conditions and visibility, and bear ultimate and full responsibility for the driving safety of the vehicle.
- Do not use the full-speed adaptive cruise control (ACC) function on winding roads with sharp bends, icy or slippery roads, or when driving at a constant speed is not suitable under severe weather conditions (such as heavy rain, snow, dense fog, etc.).
- During the use of the ACC function, the driver must always observe the road conditions ahead and be prepared to take immediate corrective actions. If the vehicle in front is too close and the vehicle speed is significantly higher than the speed of the vehicle in front, the ACC braking effect cannot guarantee safety, and the driver should timely take measures to reduce the vehicle speed to avoid collisions.
- When the vehicle is running, if a vehicle in an adjacent lane moves laterally to the front of the vehicle quickly or is just in front of the vehicle on an adjacent curve, it may cause misjudgment of the full speed range adaptive cruise (ACC) target. Full speed range adaptive cruise (ACC) may cause the vehicle to brake when braking is not required or when the driver does not take braking action. The driver should always be alert to the surrounding environment and keep his hands on the steering wheel so that he can do so when potential danger occurs. Control the vehicle in time to ensure driving safety.
- Full speed range adaptive cruise control (ACC) can only achieve limited braking, not emergency braking.
- At intersections, speed bumps, crossing zebra crossings or changing lanes, highway entrances and exits, ramps or construction sections, please control the vehicle to exit full-speed adaptive cruise (ACC) to ensure driving safety.
- During vehicle driving, other vehicles suddenly quickly move or change lanes in close proximity to the front of the vehicle, and full-speed ACC fails to brake or decelerate in a timely manner.
- The full-speed adaptive cruise (ACC) system is suitable for driving on highways and roads with good road conditions. Do not use the full-speed adaptive cruise (ACC) system on urban roads or when the road conditions are changeable.
- Adaptive cruise control (ACC) may react to vehicles or objects that do not exist or are not in the lane, causing unnecessary or improper deceleration of the vehicle. The driver should always keep his hands on the steering wheel and be ready to control the vehicle at all times. Do not rely on the adaptive cruise control (ACC) system.
- Adaptive cruise control can only control the speed of the vehicle, but not its driving direction.
- For stationary vehicles or objects, especially when the vehicle in front suddenly leaves the driving lane where the vehicle is located, and stationary vehicles or objects are present in front of the lane, full-speed ACC cannot detect all objects, and may fail to brake/decelerate. Drivers must remain vigilant of road conditions ahead and be prepared to take prompt corrective actions. Over-reliance on full-speed ACC may result in severe personal injury or life-threatening situations.
- During the usage of the full-speed ACC function, the driver should always observe the surrounding environment of the vehicle and maintain a reasonable distance from the vehicle in front. When the vehicle in front cuts in quickly and in close proximity, or the relative speed is too low, the system does not have enough time to reduce the relative speed. In this case, the driver must take timely measures to ensure driving safety.
- The full-speed ACC function may exit at any time for unknown reasons. During the usage of this function, the driver must observe the road conditions ahead and be prepared to take appropriate measures. The driver is responsible for always controlling the vehicle to ensure driving safety.
- The full-speed ACC system enables the vehicle to resume driving after a brief stop when the driver confirms (by lightly pressing the accelerator pedal). During this period, the driver must ensure there are no obstacles or other road users, such as pedestrians, directly in front of the vehicle.

- The calibration of radar sensors and cameras may be affected by collision or vibration, which may reduce performance. In this case, recalibration may be required.
- Target selection may be delayed or disturbed when entering and exiting curves. In these cases, the full speed range adaptive cruise (ACC) vehicle may not brake as expected or brake too late.
- On sharp turns, such as serpentine roads, the front vehicle may be lost within a few seconds due to the limited field of view of radar sensors and cameras, which may cause the full-speed adaptive cruise (ACC) vehicle to accelerate.
- When the vehicle is driving on the road conditions such as sharp turns, due to the limited recognition range of the system, it may result in failure to recognise the vehicle in front or a significant lag in recognition.
- In some cases (the speed of the front vehicle relative to the self-vehicle is too slow, changing lanes too quickly or the safety distance is too small, etc.), the system does not have enough time to reduce the relative speed. In such cases, the driver must have appropriate response. The system may not give audible or visual warnings in every situation.
- If the vehicle using full-speed adaptive cruise (ACC) is too close to the adjacent lane (or the vehicle on the adjacent lane is too close to the lane of the vehicle using full-speed adaptive cruise (ACC)), full-speed adaptive cruise (ACC) may react to the vehicle and brake.
- If the vehicle changes lanes into the path of a vehicle using full-speed adaptive cruise (ACC) and is within the detection range of the radar, it will be identified as a target vehicle and react according to the target vehicle, which may result in strong braking or late braking.
- In some environments, detection may be affected or delayed. For example, when the radar reflection cross-sectional area of the target is too small (it may be a bicycle, carriage or pedestrian), there is a risk that the system cannot confirm the distance to the vehicle in front, which will lead to delayed response or failure to respond to such vehicles. In such cases, the driver needs to control the vehicle speed. In addition, detection may be affected by noise or electromagnetic interference, resulting in delays or interference.
- If the vehicle is driven for a long time under special road conditions such as circular parking lots and tunnels, the radar may have a short-term functional failure due to the limitations of its detection characteristics. At this time, the function can be restored to normal by restarting the vehicle or driving along a normal road for a distance.
- Structural modifications to vehicles, such as lowering the chassis height or changing the front license plate mounting plate of the vehicle may affect full-speed adaptive cruise control (ACC).
- Metal objects such as rails or metal plates used for road construction may interfere with radar sensors and make them unable to work properly.
- The full-speed ACC may not provide adequate speed control due to limited braking capability and being on slopes. It may also misjudge the distance to the vehicle in front. The driving speed may be increased when going downhill, causing the vehicle to exceed the set speed (and possibly the limited speed of the road). When driving, the driver must observe the road conditions and be prepared to take correct measures as needed.
- For stationary or slow-moving objects, such as vehicles, the end of traffic, toll booths, bicycles or pedestrians, full speed range adaptive cruise control (ACC) can only respond under special conditions, which are highly specific.
- If the vehicle in front brakes suddenly (stops in emergency), there is a risk that the full-speed ACC cannot respond or react too slowly to the vehicle in front, resulting in too late braking. In this case, the driver will not receive a control request.
- You are responsible for maintaining a safe following distance at all times. Do not rely on Adaptive Cruise Control (ACC) to maintain an accurate or appropriate following distance or fully reduce the vehicle speed to avoid collisions. Make sure to observe the road conditions ahead and be prepared to take immediate corrective actions.
- Do not use full-speed adaptive cruise control (ACC) in narrow scenes, mixed pedestrian and vehicle scenes, underground garages, internal parks and other scenes.

- If you encounter a special-shaped vehicle, toll booth, bicycle or pedestrian crossing, etc., the driver needs to pay attention at all times, keep his hands on the steering wheel, and be ready to control the vehicle at any time.
- If the full-speed adaptive cruise function fails, please stop the car safely in time. It is recommended to contact the Leapmotor Automobile Service Centre or authorised service store for repair.

NOTE

- The maximum set speed of full-speed adaptive cruise control is 150km/h (93mile/h).
- The minimum set speed for Full-speed ACC is 30km/h (19mph), but can be stopped at 0km/h (0mph).

LANE CENTRING CONTROL (LCC)

SYSTEM INTRODUCTION

The lane centering assist system is abbreviated as "LCC". By identifying the lane boundary, it assists the driver in controlling the steering wheel and continuously centers the vehicle in the current lane. If it detects that the driver does not hold the steering wheel with both hands during driving, the system will give an alarm according to factors such as weather, vehicle speed and road environment, and prompt the driver to control the vehicle in time and drive safely by means of sound and light.

ACTIVATE OR DEACTIVATE THE LANE CENTERING ASSIST FUNCTION

In the "Settings-Intelligent Driving-Assisted Driving" interface of the central control panel, touch the lane centering assist button to turn on or off the lane centering assist function.

TRIGGER THE LANE CENTERING ASSIST FUNCTION



When the lane centering assist (LCC) function is available, the driver pulls the shift lever downward twice in succession to activate the lane centering assist (LCC) function. After the function is activated, the corresponding indicator light on the instrument cluster will light up.

HANDS ON DETECTION

During the activation of Lane Centring Control (LCC), if the driver removes their hands from the steering wheel, the Hands On Detection alert will be triggered.

- Hands On Detection level 1 warning: "Please turn the steering wheel gently" (persistent display), with the steering wheel icon displayed in grey accompanied by an audible alert.
- Hands On Detection level 2 warning: Displays an alert warning icon accompanied by an audible alarm.
- Hands On Detection level 3 warning: Displays an alert icon accompanied by an audible alarm and voice prompt.

EXIT LANE CENTERING ASSIST FUNCTION

The lane centering assist (LCC) system will automatically exit in the following cases:

- Driver actively intervenes with the steering wheel.
- The driver pulls the shift lever upward.
- Driver steps on the brake pedal.
- No lane markings for an extended period.
- Excessive angle between vehicle and lane markings.
- Lane width is too wide/narrow.
- High-radius curve.

FUNCTION RESTRICTION

The lane centering assist (LCC) system may cause limited functions in the following situations and should not be used:

- The road has sharp turns, spliced roads, or poor road conditions such as bumpy, slippery, waterlogged or icy roads.
- Inclined roads, or uphill or downhill sections.
- The lane is too wide or too narrow.
- Roads where pedestrians or cyclists may appear.
- Dim lighting conditions or poor visibility (due to heavy rain, snow, dense fog, etc.).
- When strong light (such as oncoming headlights or direct sunlight) obstructs the camera's field of view.
- The vehicle in front blocks the field of view for the camera or obscures the lane markings.
- The windscreen blocks the camera's field of view (blocked by water mist, dust or stickers).
- Lane lines are excessively worn or blocked, covered and disappeared, temporarily adjusted or changed rapidly due to road construction (such as lane divergence, crossing or merging).
- Objects or landscape features cast shadows onto the lane.
- There are text or traffic signs on the road surface.
- Road sections with traffic guidance.
- Warning cones, warning signs or other objects are placed on the road surface.
- There are large vehicles such as trucks, buses, etc. on the side or in front.
- It is used in the construction road section.
- Radar or camera is limited.
- When there is a large lateral airflow or strong wind on one side of the vehicle, it will affect the performance of lane centering assist (LCC). This weather is not suitable for using the lane centering assist (LCC) system.

⚠ WARNING

- The lane centering assist (LCC) function cannot replace the driver to monitor traffic conditions. The driver should always be alert to the surrounding environment and keep his hands on the steering wheel when using it so that he can control the vehicle in time when potential danger occurs, and take full responsibility for the safety of the vehicle.
- The driver should always hold the steering wheel and actively control the vehicle.
- The lane centering assist (LCC) function cannot cover all traffic, weather and road conditions. Do not use it in bad weather (such as rain, snow and fog).
- The lane centering assist (LCC) function has limited steering force and can only provide slight steering assistance. It cannot guarantee that the vehicle will be completely prevented from deviating from the lane. Therefore, do not rely on the LCC system to control the direction. The driver should always keep his hand on the steering wheel to ensure safe driving.
- Do not place objects that reflect light on the instrument panel, because these objects are not only easy to dazzle the driver, but also may reflect light into the front camera of the system, which may affect the normal operation of the system.
- Please use LCC with caution on congested roads. The behaviour of other vehicles (such as other vehicles cutting in front of the vehicle or crossing in front of the vehicle, and the vehicle ahead leaving the lane) may interfere with LCC and make wrong turns, causing scratches or even collisions between the vehicle and other vehicles. The driver has the responsibility to intervene in time and avoid collisions with other vehicles.
- Do not use lane centering assist (LCC) on urban roads or when the road conditions are changeable.
- Do not use lane centering assist (LCC) on winding roads with sharp bends, bumpy, icy or slippery roads. The LCC system cannot stably provide auxiliary control of the steering wheel under these poor road conditions.
- When the direction of the lane line ahead changes sharply, such as lane merging and sudden increase or decrease in lane width, Lane Centering Control (LCC) may fail. In these road scenarios, drivers should always be alert to their surroundings and keep their hands on the steering wheel so that they can control the vehicle in time when potential danger occurs to ensure driving safety.
- When using lane centering assist (LCC) on a curve, the driver must hold the steering wheel to control the vehicle and control the vehicle in time when LCC is deactivated.
- Never use lane centering assist (LCC) at road diversions.
- Suddenly, a vehicle changes lanes quickly in front of the vehicle at close range, which may cause abnormal operation of lane centering

assist (LCC). The driver should always be alert to the surrounding environment and keep his hand on the steering wheel so that he can control the vehicle in time when potential danger occurs to ensure driving safety.
- Do not use lane centering assist (LCC) when the vehicle is in poor condition, such as abnormal four-wheel alignment and tire pressure.
- Lane centering assist (LCC) may exit unexpectedly at any time for unknown reasons. The driver must observe the road conditions ahead and be prepared to take appropriate measures. The driver is responsible for always controlling the vehicle and bears full responsibility for the driving safety of the vehicle.
- Lane Centering Assist (LCC) occasionally assists the vehicle in steering when it is not needed or you do not intend to turn. This may be caused by unclear or irregular lane markings, or by the presence of other lines or objects on the road surface resembling lane markings. In such circumstances, you should promptly take control of the vehicle.
- Lane centering assist (LCC) may not work properly at traffic intersections, and unexpected steering control may be performed to cause unexpected dangers, such as scratches or even collisions with other vehicles at the intersection. Therefore, never use LCC at traffic intersections.
- Guardrails, isolation belts or kerbstones on one side of the road may interfere with sensors and cause lane centering assist (LCC) to work abnormally. Drivers should always be alert to the surrounding environment and keep their hands on the steering wheel so that they can control the vehicle in time when potential danger occurs to ensure driving safety.
- In sections where lane markings are obscured, absent, or covered, the Lane Centring Control (LCC) system may exhibit abnormal steering behaviour when encountering preceding vehicles changing lanes or crossing vehicles ahead.
- When lane markings disappear or become discontinuous, the driver should promptly take control of the vehicle to prevent potential hazards arising from the Lane Centring Control (LCC) system's failure or abnormal operation under such circumstances.
- If the lane centreing assist (LCC) function fails, please stop the car safely in time. It is recommended to contact the Leapmotor Service Centre or authorised service store for repair.

NOTE

- The lane centering assist (LCC) function can be activated within the speed range of 30~130km/h (19~81mile/h).

EMERGENCY LANE KEEPING ASSIST (ELK)

SYSTEM INTRODUCTION

The emergency lane keeping assist system is referred to as "ELK". When the vehicle is driving, if there is a risk of collision with oncoming vehicles in adjacent lanes, behind or at the edge of the road, the system will actively intervene in steering wheel control to correct it and avoid collision. During this process, the driver still needs to concentrate on driving and pay attention to the surrounding environment at all times.

TURN ON OR OFF EMERGENCY LANE KEEPING ASSIST

In the "Settings-Intelligent Driving-Active Safety" interface of the central control panel, touch the "Emergency Lane Keeping Assist" button to turn on or off the emergency lane keeping assist function.

NOTE

- The relevant precautions for the emergency lane keeping system (ELK) are consistent with those for the lane centering system (LCC).

AUTOMATIC LANE CHANGE ASSIST (ALC)

SYSTEM INTRODUCTION

The automatic lane change assistance system is abbreviated as "ALC". It is an auxiliary driving

system based on the lane centering keeping system. When the vehicle is running in a multi-lane road section in the same direction, if the driver turns on the turn signal lamp, the system will monitor and judge the surrounding environment. Under safe conditions, it assists the driver to change lanes into adjacent lanes and continue lane centering keeping in the new lane.

TURN ON OR OFF THE AUTOMATIC LANE CHANGE ASSIST FUNCTION

In the "Settings-Intelligent Driving-Assisted Driving" interface of the central control panel, touch the automatic lane change assist button to turn on or off the automatic lane change assist function.

TRIGGERING THE AUTOMATIC LANE CHANGE ASSIST FUNCTION



After the automatic lane change assistance function is turned on, when the vehicle speed is between 60 and 130 km/h (37 to 81 miles/h), if the driver turns on the left or right turn signal, the system will judge the environment and then assist the driver in driving the vehicle into an adjacent lane.

FUNCTION RESTRICTION

Please use this function with special caution under the following working conditions. Some scene functions may not be available:

- The lane line ahead changes from dotted to solid.
- Lane lines that are excessively worn or blocked, covered, disappeared, and temporarily adjusted or changed rapidly due to road construction (such as lane divergence, crossing or merging).
- The lane line ahead narrows.
- Objects or landscape features cast large shadows on the driveway.
- Dim lighting conditions or poor visibility (due to heavy rain, snow, dense fog, etc.).
- When strong light (such as oncoming headlights or direct sunlight) obstructs the camera's field of view.
- The road has sharp turns, spliced roads or poor road conditions, such as bumpy, slippery, waterlogged or icy roads.
- In scenes with large traffic volume such as diversion ramps, especially in the target lane where other vehicles are driving side by side.
- When the vehicle is about to change lanes into the target lane, other vehicles are changing lanes into the target lane, which may cause a risk of collision. The driver should take timely measures in this case to avoid changing lanes.
- There are large trucks or buses in the adjacent lane of the target lane selected by this vehicle.
- Traffic guidance signs such as ice cream cones or isolation boards and warning signs are placed on the lane line.
- The vehicle fails.

⚠ WARNING

- Automatic lane change assistance (ALC) is only an auxiliary driving function. When automatic lane change assistance (ALC) is activated, the driver still needs to always observe the safety of the lane change environment so that he can control the vehicle in time before potential danger occurs.
- The automatic lane change assistance (ALC) function cannot replace the driver to monitor traffic conditions and cannot detect all vehicles in the target lane. When using this function, the driver should always observe the vehicle's lane change environment and judge whether the current lane change is safe, and bear full responsibility for vehicle safety.
- Never use automatic lane change assistance (ALC) on urban roads or in changing road conditions. This function can only be turned on on highways.
- Automatic lane change assist (ALC) may exit unexpectedly at any time for unknown reasons. Always observe the road safety situation and be ready to take appropriate measures at any time. The driver is always responsible for lane change safety.
- If the automatic lane change assistance (ALC) function fails, please stop the car safely in

time. It is recommended to contact the Leapmotor Service Centre or authorised service store for repair.

INTELLIGENT SPEED LIMIT ASSIST (ISA)*

SYSTEM INTRODUCTION

Intelligent speed limit assistance is abbreviated as "ISA". During the driving process, when the system recognises the road speed limit sign, it will display the speed limit value on the instrument cluster. When the vehicle exceeds the current road speed limit, the system will issue an alarm message to remind you to slow down.

TURN ON OR OFF THE INTELLIGENT SPEED LIMIT ASSIST FUNCTION

In the "Settings-Intelligent Driving-Assisted Driving" interface of the central control panel, touch the intelligent speed limit recognition assist button to turn on or off the intelligent speed limit assistance function. After the function is turned on, you can choose to turn on or off the speed limit change prompt sound, overspeed alarm, overspeed alarm sound, and speed limit control.

TRIGGER THE INTELLIGENT SPEED LIMIT ASSIST FUNCTION



When the vehicle is running, the system can identify road speed limit signs and display speed limit information to the driver.

- When the speed limit changes, the system will give a prompt.
- When the vehicle speed exceeds the limit, the system will give an overspeed flashing and audible alarm (the alarm sound can be turned off on the central control panel).
- When the adaptive cruise control function is activated, the system can identify the speed limit and perform speed control after confirmation by the driver.

WARNING

- The ISLA system is only an auxiliary system and cannot completely replace the driver's judgment of road speed limit information. In any case, the driver should pay attention to road information signs, drive carefully and take full responsibility for vehicle safety.
- The intelligent speed limit assist system can only complete the recognition and reminder of speed limit signs, and does not participate in the active control of the vehicle. The control of the vehicle always remains in the hands of the driver. Please drive reasonably.
- Do not rely on the ISLA system to determine the appropriate speed limit or driving speed. Always drive within a safe speed range according to traffic and road conditions.
- Cameras are not always accurate in identifying speed limit signs. The system may misjudge road conditions and happen to provide different speed limits on adjacent roads or the camera may mistakenly identify and display speed limit signs.
- For speed limit signs that are not standardised and do not meet the national size requirements, they may be mistakenly identified as non-speed limit signs, resulting in misidentification.
- If the road speed limit sign is unclear or distorted, tilted, reflected, partially blocked or covered, it will cause the camera's recognition ability to decrease or fail to recognise.
- The performance of the ISLA system is affected by weather, illumination and visual quality of road signs. At night, under backlight, sunset, rainy days, fog, haze, ice and snow cover, sand and dust, sudden changes in brightness, etc., the recognition ability may be reduced and speed limit signs cannot be recognized.
- If the ISLA system fails, the speed limit sign identification MIL in the instrument cluster is on. If it is on, please stop the car safely in time. It is recommended to contact the Leapmotor Service Centre or authorised service store for maintenance.

FRONT VEHICLE START REMINDER

SYSTEM INTRODUCTION

After the front vehicle start reminder function is turned on, when the vehicle is in a traffic jam or

waiting for a red light, when the system determines that the front vehicle has started, the instrument cluster will remind the driver to start the vehicle in time through voice and pop-up windows.

OPERATION

In the "Settings-Intelligent Driving-Assisted Driving" interface of the central control panel, touch the "Front Vehicle Start Reminder" button to turn on/off the front vehicle start reminder function.

⚠ WARNING

- The forward vehicle start reminder function is an auxiliary function. When starting the vehicle, you should keep your attention and confirm the status of the front vehicle.
- If the front vehicle start reminder function fails, it is recommended to contact the Leapmotor Service Centre or authorised service store for repair in time.

DRIVER DROWSINESS AND ATTENTION WARNING (DDAW) SYSTEM

SYSTEM INTRODUCTION

The driver fatigue and attention reminder system is referred to as "DDAW". During normal driving of the vehicle, it mainly monitors the driver's fatigue state in real time through comprehensive judgment with the assistance of the driver fatigue monitoring (DMS) camera detection and some IVI signals, thereby realizing the fatigue warning function. It also uses visual and sound reminders to warn drivers and correct incorrect driving behaviours.

OPERATION

Upon vehicle ignition, the DDAW is activated by default. When the gearshift lever is in "D" position and the vehicle speed is not less than 10 km/h (6 mile/h), if the system detects that the driver has fatigue driving behaviour, a pop-up window on the central control screen and an instrument icon prompt will appear, and an alarm sound will be given to warn the driver of safe driving.

FUNCTION RESTRICTION

The function of the driver fatigue and attention reminder system may be affected in the following cases:

- The camera is blocked.
- The camera is exposed to direct strong light.
- The driver's face is partially illuminated by light or his facial features are incomplete.
- The driver wears masks and infrared protective glasses. Or when other objects cover the mouth.
- The driver's sitting posture is abnormal and exceeds the normal driving posture range.
- Adjust the steering wheel.

In some cases, it may affect or fail to detect the driver's fatigue and distracted driving behaviour, resulting in no corresponding warning from the system or partial unavailability:

- When there is interference from direct light such as sunlight or oncoming car lights.
- The sitting posture is abnormal and exceeds the normal driving posture range.
- The eyes are blocked, including but not limited to wearing various types of sunglasses with low light transmittance, polarised glasses, etc., being blocked by eyeglass frames.
- Wearing hats, scarves, headscarves and other accessories that may obscure the main facial features.
- Wear masks.

⚠ WARNING

- The DDAW system is only an auxiliary system and cannot guarantee effective recognition and alerting in all circumstances. It cannot replace the driver's subjective judgement. Do not rely solely on the system's prompts; the driver must always maintain control of the vehicle and drive in accordance with road laws and regulations, taking full responsibility for the vehicle.
- Focused driving and timely rest breaks are essential. When fatigue warning occurs, the driver should adjust the driving behaviour promptly or stop for a rest in a safe manner.
- The DDAW system does not actively intervene in driving operations. The driver remains solely responsible for operating the vehicle safely and prudently at all times.
- The DDAW system is categorised as a ADAS system, and cannot ensure proper functioning under all circumstances. You are

always responsible for driving your vehicle safely and carefully, complying with current laws and traffic regulations.
- Never drive while tired. It is the driver's responsibility to maintain a healthy and sober driving state at all times.
- If the driver feels fatigued while driving, please stop the vehicle and rest as soon as possible.

ATTENTION

- If the system has a recoverable short-term fault (such as the camera is blocked, etc.), the fatigue monitoring warning fault indicator light in the instrument will light up, and at the same time, the central control screen will inform the user of the current fault of the system by text reminder, and the relevant fatigue detection function will fail. After the fault is eliminated, the DDAW system resumes real-time operation.
- If the system has an unrecoverable fault (such as a camera open circuit), the fatigue monitoring warning fault indicator light in the instrument will light up, and the user will be informed of the current fault of the system by text reminder on the central control screen, and the relevant fatigue detection function will fail. After a prolonged fault (or an unrecoverable fault) is repaired through manual intervention, the DDAW resumes real-time operation.
- It is recommended to wipe the camera lens with a mild and clean cotton cloth, and be careful not to scratch the lens.

NOTE

- The camera will not record or share images, audio, or video.

ADVANCED DRIVER DISTRACTION WARNING (ADDW)

SYSTEM INTRODUCTION

The advanced distraction warning system is referred to as "ADDW". During normal driving, it mainly monitors the driver's attention state in real time through driver fatigue monitoring (DMS) camera detection and auxiliary detection of some vehicle signals, thereby realizing the driver distraction warning function. The driver's distracted behaviour includes eyeball gaze movement, head posture movement and other behaviours, and realises warning prompts, fault prompts and other functions.

TURN ON OR OFF THE ADVANCED DISTRACTION WARNING SYSTEM

In the "Settings-Intelligent Driving-Active Safety" interface of the central control panel, touch the distraction warning system button to turn on/off the advanced distraction warning function.

TRIGGERING THE ADVANCED DISTRACTION WARNING SYSTEM

When the advanced distraction warning system is turned on, when the gearshift lever is in "D" position and the vehicle speed is above 10 km/h (6 mile/h), if the system detects that the driver is distracted, a pop-up window and instrument icon prompt will appear on the central control screen of the vehicle, and an alarm sound will be given to warn the driver to drive safely.

WARNING

- The ADDW system is only an auxiliary system. It cannot ensure effective identification and alarm in all circumstances. It cannot replace the driver's subjective judgement. Please do not rely on system prompts. The driver must always maintain control of the vehicle and drive normally, abide by traffic regulations, and bear full responsibility for the vehicle.
- Focused driving is essential. When distraction warning occurs, the driver should adjust the driving behaviour promptly.
- The ADDW system does not actively intervene in driving operations; the driver remains solely responsible for operating the vehicle safely and prudently.
- The ADDW system is categorised as a ADAS system, and cannot ensure proper functioning under all circumstances. You are always responsible for driving your vehicle safely and carefully, complying with current laws and traffic regulations.

- Never drive distracted. It is the driver's responsibility to stay focused and sober at all times.

ATTENTION

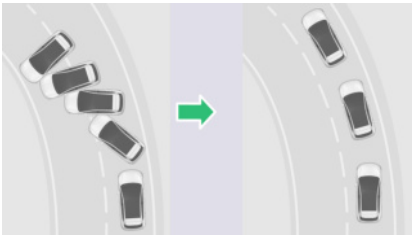
- If the system has a recoverable short-term fault (such as the camera is blocked, etc.), the distraction warning fault indicator light in the instrument will light up, and at the same time, the central control screen will inform the user of the current fault of the system by text reminder, and the relevant distraction detection function will fail. After the fault is repaired, the ADDW system resumes real-time operation.
- If the system has an unrecoverable long-term fault or an unrecoverable fault (such as a camera open circuit), the distraction warning fault indicator light in the instrument will light up, and the user will be informed of the current fault of the system by text reminder on the central control screen, and the relevant fatigue detection function will fail. Long-term faults (or non-recoverable faults) are manually repaired, after which the ADDW system resumes real-time operation.

SERVICE ELECTRONIC BRAKE SYSTEM

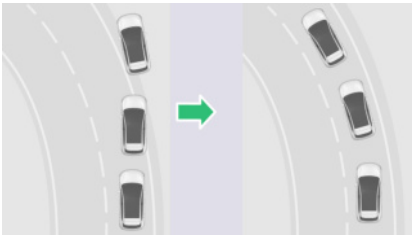
ELECTRONIC STABILITY CONTROL (ESC)

SYSTEM INTRODUCTION

The body stability system (ESC) determines the driver's driving intention based on information such as steering wheel angle and vehicle speed, and continuously compares it with the actual driving conditions of the vehicle. If the vehicle deviates from the normal driving route (such as when the vehicle skids), the body stability system (ESC) corrects it by applying braking force to the corresponding wheels.



If the vehicle tends to oversteer (i.e., drift), the system mainly applies brakes to the front wheels on the outside of the curve.



If the vehicle tends to understeer (i.e., the turning radius is too large), the system mainly applies brakes to the rear wheels on the inside of the curve.

When a vehicle is not equipped with an electronic stability control (ESC) system, the sideslip deviates from the normal driving route. When a vehicle is equipped with an electronic stability control (ESC) system, the braking force can be corrected according to the amount of sideslip to prevent deviation from the route.

TURN ON OR OFF THE ELECTRONIC STABILITY SYSTEM

In the "Settings-Driving" interface of the central control panel, touch the ESP button to turn on or off the ESP.

WARNING

- The body stability system (ESC) is only an auxiliary system. Please do not take risks by taking advantage of the additional safety features provided by the system. Drivers must adjust their speed according to climate, road and traffic conditions and take full responsibility for vehicle safety.

- The body stability system (ESC) cannot exceed the physical limit of road adhesion, and special care must be taken when driving or towing on slippery roads.

ATTENTION

- Improper operation or modification of the vehicle (such as modification to the brake system or wheel and tyre performance) will affect the function of the body stability system (ESC).

ANTI-LOCK BRAKING SYSTEM (ABS)

When the vehicle brakes, the wheel speed sensor transmits the wheel speed signal of each wheel to the anti-lock braking system (ABS) in time. The anti-lock braking system (ABS) control unit processes the input signals of the four wheel speed sensors according to the set control logic and calculates the slip rate of the wheels. By controlling the operation of the solenoid valve, the slip rate of each wheel is kept within the ideal range (about 20%) to prevent the wheels from locking.

WARNING

- The anti-lock braking system (ABS) is only an auxiliary system. Do not take risks by taking advantage of the additional safety features provided by the system. Drivers must adjust their speed according to climate, road and traffic conditions and take full responsibility for vehicle safety.
- When the brake pedal makes a harsh friction noise while driving, please find a safe area to park as soon as possible and contact the Leapmotor Service Centre or authorised service store to avoid traffic accidents or personal injuries caused by brake failure.
- The driver should always maintain a safe distance from the vehicle in front and be aware of the dangerous situations during driving. Although the Anti-lock Braking System (ABS) can improve the braking distance, it cannot go beyond the physical law, nor can it prevent the danger caused by tyre slip (such as when there is water layer between the road and the tyre to prevent the tyre from directly contacting the road).
- Anti-lock Braking System (ABS) cannot reduce the time and distance required to stop the vehicle. This device simply helps you control the steering when braking. You shall always maintain a safe distance from other vehicles.
- Anti-lock Braking System (ABS) cannot prevent the reduction of stability. Therefore, please steer moderately during emergency braking. Making wide or sharp turns while driving may cause the vehicle to veer into oncoming traffic or run off the road.
- Anti-lock Braking System (ABS) cannot prevent the vehicle from slipping caused by sudden changes in direction, such as attempting to make turns quickly or change lanes suddenly. Always drive cautiously at a safe speed regardless of the road and weather conditions.

ATTENTION

- Improper operation or modification of the vehicle (such as modification of the brake system or wheel and tyre performance) will affect the function of the anti-lock braking system (ABS).
- The tyres must be of the size specified by the manufacturer. If the tyre size is incorrect or all tyre sizes are inconsistent, the anti-lock braking system (ABS) will not work effectively.
- When the vehicle is powered on, the system performs a self-check. If the system does not operate normally, the anti-lock braking system fault indicator light in the instrument cluster will be always on. It is recommended to go to the Leapmotor Service Centre or authorised service store for inspection as soon as possible.

ELECTRONIC BRAKE-FORCE DISTRIBUTION (EBD)

The electronic brake force distribution system is part of the anti-lock braking system. When the vehicle is in normal braking, the electronic brake force distribution system balances the braking force distribution of the front and rear wheels according to the load on the vehicle to avoid the rear axle locking before the front axle and prevent

the unstable working condition of the rear axle locking.

After the vehicle is powered on and the electronic parking brake is released, if the brake fault indicator lights up, it means that there is a fault in the braking system and the electronic brake force distribution system (EBD) may not work. Please stop the vehicle immediately and contact the authorised dealer for check and repair.

WARNING

- Do not continue to drive the vehicle when the brake fault indicator light is on.
- The electronic brake force distribution system (EBD) is only an auxiliary system. Please do not take risks by taking advantage of the additional safety features provided by the system. Drivers must adjust their speed according to climate, road and traffic conditions and take full responsibility for vehicle safety.

TRACTION CONTROL SYSTEM (TCS)

The traction control system determines whether the driving wheel is slipping based on the number of revolutions of the driving wheel and the number of revolutions of the transmission wheel. When the former is greater than the latter, it is an anti-skid control system that suppresses the speed of the driving wheel.

When the vehicle brakes on a smooth road, the wheels will slip and even lose control of the direction. When the vehicle starts or accelerates rapidly, the driving wheels may also slip, and there is a risk of losing control on smooth roads such as ice and snow. The function of the traction control system is to control the driving force when the vehicle accelerates so that the amount of tyre slip is within a reasonable range, thereby maintaining the stability of the vehicle's driving.

WARNING

- The traction control system is only an auxiliary system. Do not take advantage of the additional safety features provided by the system to drive at risk. Drivers must adjust their speed according to climate, road and traffic conditions and take full responsibility for vehicle safety.

HYDRAULIC BRAKE ASSIST (HBA)

When the vehicle brakes, hydraulic brake assist (HBA) determines whether it is emergency braking based on the speed and force of the driver's foot stepping on the brake pedal. In case of emergency braking, the HBA will assist the driver to generate greater braking force in a short time, thereby shortening the braking distance.

WARNING

- Hydraulic brake assist (HBA) can improve driving safety, but it cannot eliminate the dangers caused by following too close to the car, vehicle slipping, speeding, turning too fast, etc. Please drive carefully.

HILL-START HOLD CONTROL (HHC)

The hill start assist system helps the driver to assist the vehicle in starting when going uphill and prevent slipping during starting.

The Hill Launch Assist system will be activated when the following conditions are met:

- The vehicle is parked stably on a road surface with a slope of more than 4% and less than 30%.
- The Electronic Stability Control (ESC) is functioning without fault.
- The Electric Parking Brake (EPB) system is fault-free and in the released state.
- In forward gear (uphill) or reverse gear (downhill).
- Apply sufficient force to the brake pedal.

If the driver releases the brake pedal on an uphill road, the hill start assist system will keep the vehicle stationary for about 1 to 2 seconds. If the vehicle does not start within 1 to 2 seconds, the hill hold control (HHC) function will be deactivated. If the vehicle slides downhill, the driver should immediately step on the brake pedal.

WARNING

- The hill start assist system cannot keep the vehicle stopped on an uphill slope under any circumstances (such as slippery ground,

accumulated ice and snow or plateau), nor can it replace the driver's attention to driving.
- The hill start assist system is only an auxiliary system. Please do not use the additional safety functions provided by the system to drive at risk. Drivers must adjust their speed according to climate, road and traffic conditions and take full responsibility for vehicle safety.
- When the hill start assist system is working, it is strictly forbidden for the driver to leave the vehicle, otherwise serious safety accidents may occur.
- Do not abuse the hill start assist system as a parking brake. This system is only suitable for use as a starting aid during driving.
- When stopping and starting on an uphill section with traffic congestion, in order to prevent the vehicle from slipping at the start, please press the brake pedal deeply for a few seconds before starting.
- The hill start assist system can only prevent the vehicle from sliding down for a short time. The driver should drive carefully to avoid the vehicle sliding down due to too long time.

HILL DESCENT CONTROL (HDC)

SYSTEM INTRODUCTION

Hill descent control (HDC) is a speed control function. When the vehicle goes down a steep slope, Hill Descent Control (HDC) actively applies brakes to the wheels according to system input (HDC switch, vehicle speed setting, accelerator/brake pedal status, motor torque/speed, gear position, etc.), ensuring that the driver can pass through the steep slope at a comfortable and safe low speed without having to step on the brake pedal for braking.

TURN ON OR OFF THE HILL DESCENT CONTROL FUNCTION

On the "Settings-Driving" interface of CID, tap the HDC button to turn on or off the HDC function.

FUNCTION RESTRICTION

The active deactivation of the hill descent control (HDC) function is as follows:
- Anti-lock braking system (ABS)/electronic stability control system (ESC) failure.
- Brake disc overheating
- The driver depresses the accelerator pedal and the vehicle speed exceeds the set limit of hill descent control (HDC).

WARNING

- The HDC can actively keep the vehicle descending at a constant speed without exceeding the laws of kinematics. For safety reasons, the driver shall apply braking in a timely manner according to the actual situation of the vehicle to avoid incidents caused by the vehicle going downhill too fast.

NOTE

- When the hill descent control (HDC) is working, the driver can adjust the vehicle's downhill speed by stepping on the brake pedal or accelerator pedal to set the vehicle speed within the range of 8~35km/h (5~22mile/h). Beyond this range, the hill descent control (HDC) will automatically exit.

ANTI-ROLLOVER SYSTEM (ARP)

The anti-rollover system intervenes in the wheel braking force and powertrain drive torque at an appropriate time by sensing the driver's steering operation and combining the vehicle's driving state, thereby reducing the risk of the vehicle rolling over during lane change and steering operations.

WARNING

- The anti-rollover system is only an auxiliary system. Do not take advantage of the additional safety features provided by the system to drive at risk. Drivers must adjust their speed according to climate, road and traffic conditions and take full responsibility for vehicle safety.

MULTI-COLLISION BRAKE (MCB)

After the vehicle collides, the secondary braking system automatically controls to reduce the speed

after the collision, thereby reducing the risk of possible secondary collision accidents.

WARNING

- After a collision, the secondary braking system will reduce the speed of the vehicle after the collision occurs, thereby reducing the risk of a secondary collision, but it cannot completely avoid a secondary collision. To avoid the subsequent danger, the driver can step on the accelerator pedal to drive away from the collision site.

AUTO HOLD (AUTO HOLD)

SYSTEM INTRODUCTION

When the vehicle needs to stop frequently or for a short time (such as waiting at traffic lights, parking on ramps, or stopping and moving with traffic), it can assist the driver in stabilizing the vehicle and preventing it from moving without requiring the driver to keep pressing the brake pedal. When the driver steps on the accelerator pedal and starts driving, the Auto Hold immediately releases the brake, and the vehicle starts to move along the road gradient.

TURN ON OR OFF THE AUTOMATIC PARKING FUNCTION

In the "Settings-Driving" interface of the central control panel or the "Quick Operation" interface of the drop-down menu, touch the Autohold button to turn on or off the automatic parking function.

AVH ACTIVATION CONDITIONS

The automatic parking function can be activated when the following conditions are met:

- The automatic parking function has been turned on in the central control screen.
- The vehicle power supply is in the "READY" state.
- All doors are closed.
- The driver shall fasten the seat belt.
- Step on the brake pedal.

USE THE AUTOMATIC PARKING FUNCTION

After the automatic parking function is turned on, press the brake pedal to stop the vehicle, and then press the brake pedal deeply. When the indicator light comes on, it means that the automatic parking function is in working state. At this time, release the brake pedal and the vehicle will remain stationary. After pressing the accelerator pedal, the vehicle will resume driving.

WARNING

- Auto Hold cannot completely replace the driver's parking, and the driver must pay attention to the vehicle's parking status at all times.
- When a vehicle is towed or driven into an automatic car wash, it is strictly prohibited to activate Auto Hold.
- If the automatic parking fails (the automatic parking fault indicator light in the instrument cluster is on), please stop the car in time and safely. It is recommended to contact the Leapmotor Service Centre or authorised service store for repair.

AUTONOMOUS EMERGENCY BRAKING (AEB)

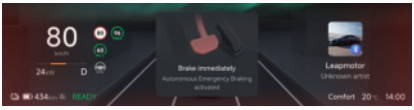
SYSTEM INTRODUCTION

The automatic emergency braking system is abbreviated as "AEB". By monitoring the distance and relative speed of the target ahead, when the driver brakes too late, the braking force is too small or there is no braking measure at all, the system will take measures to assist the driver in avoiding or mitigating collisions.

ACTIVATE OR DEACTIVATE THE AUTOMATIC EMERGENCY BRAKING SYSTEM

In the "Settings-Intelligent Driving-Active Safety" interface of the central control panel, touch the automatic emergency braking button to turn on or off the automatic emergency braking system.

TRIGGERING THE AUTOMATIC EMERGENCY BRAKING SYSTEM



During driving, in the ON state of the AEB, after the AEB is triggered, braking measures will be taken, and the instrument cluster will remind the driver.

When the automatic emergency braking function acts on the target vehicle, it actively decelerates within the speed range of 5~150km/h (3~93mile/h) and actively brakes within the speed range of 5~60km/h (3~37mile/h).

When the automatic emergency braking function acts on pedestrians, bicycles and motorcycles, it actively decelerates within the speed range of 5~90km/h (3~56mile/h) and actively brakes within the speed range of 5~60km/h (3~37mile/h).

FUNCTION RESTRICTION

The autonomous emergency braking (AEB) is only designed to mitigate frontal collisions and does not operate when the vehicle is in reverse gear. Please use the AEB with special caution under the following conditions:

- When the vehicle is positioned on an incline, it may affect the proper activation of the function.
- Driving in bad weather such as rain or blizzards.
- There is a stationary obstacle ahead (such as a broken-down vehicle).
- It will not react to animals and targets with unclear outlines. Such as child dummy models, ice cream cones, kittens, puppies, and special-shaped obstacles (such as cranes).
- Smaller targets such as motorcycles and bicycles may not be triggered in time or may not be triggered.
- In the same lane, there is a vehicle coming from the opposite direction. Within a certain speed range, the automatic emergency braking function can be activated, but the collision may not be avoided.
- Road conditions such as large curves or intersections where traffic crosses.
- Dark environment (poor lighting conditions) or poor visibility (caused by heavy rain, snow and heavy snow).
- When strong light (such as oncoming headlights or direct sunlight) obstructs the camera's field of view.
- The windscreen blocks the camera's field of view (such as water mist, dust or stickers).
- During driving, if a vehicle in an adjacent lane suddenly and quickly cuts into the front of the vehicle or the vehicle suddenly cuts into an adjacent lane, the system may not be able to take braking measures in time.
- If the vehicle speed is greater than a certain speed, the autonomous emergency braking (AEB) cannot completely avoid collisions when pedestrians are detected.
- For vehicles running in the opposite direction, the automatic emergency braking function can be activated within a certain speed range, but collisions may not be avoided.
- When the forward camera is blocked by dirt or the radar system is damaged by collision, the system cannot work normally. For limited radar or camera, please refer to the "Driver Assistance System-Radar and Camera" section.
- The system cannot issue an alarm or brake for stationary obstacles on the road (piles, guardrails, water barriers, guide signs).
- The system may experience unintended activation when the vehicle passes under scenarios such as gantries, railway crossings, or height restriction barriers.
- The relative speed differential between the preceding vehicle and the host vehicle is excessive, or if the vehicle ahead stops abruptly, the system may fail to activate promptly.
- Due to limitations in perception performance, the function may not be triggered for targets in bends.
- The function may not be triggered promptly or not be triggered at all when it is within the lane, the preceding vehicle is partially within the lane, or the host vehicle is partially within the lane.

⚠ WARNING

- The AEB system is categorised as a ADAS system that does not prevent collisions. Once the AEB detects an emergency, it can only achieve limited braking to mitigate collision injuries. The driver should always observe the road environment, maintain an appropriate distance from the vehicle in front, and be ready for braking or steering at any time. Over-reliance on AEB may result in serious personal injury or life-threatening situations.

- If the vehicle is stopped by automatic emergency braking (AEB), it will remain stationary for a short time, and the driver should always keep control of the vehicle.
- If the vehicle has a visual or audible warning signal, the driver will take immediate measures to avoid danger to the vehicle.
- When the AEB system is turned off, the vehicle will not brake even if it detects a possible collision. You are recommended not to turn this feature off.
- The braking distance will be extended on wet and slippery roads. If the anti-lock braking system, traction control system, and vehicle stability control system are triggered, the ability of the automatic emergency braking system to mitigate collisions may be reduced.
- Autonomous emergency braking is not a substitute for maintaining a safe driving distance from vehicles, cyclists, and pedestrians in front. Please avoid being too close to the vehicle in front, cyclists or pedestrians or driving fiercely.
- Autonomous Emergency Braking is only intended to lessen the impact of a frontal collision. Autonomous emergency braking does not operate when the vehicle is in Reverse gear.
- The AEB may give an early warning or apply braking in case of no risk of collision. Please concentrate on and always observe the area ahead of the vehicle in order to predict whether any action needs to be taken.

NOTE

- To turn off the automatic emergency braking function, you need to touch the pop-up window for a second confirmation.
- The automatic emergency braking function needs to be turned on and off in the parking gear.

ELECTRIC POWER STEERING (EPS)

The electric power steering system is referred to as "EPS". The system assists the driver in completing the vehicle steering operation through the steering motor. It can provide the driver with different steering assistance at different speeds or different acceleration modes.

WARNING

- After the vehicle is powered on or when driving, if the electric power steering system fault indicator light / lights up, it means that there is a fault in the steering system. Please stop the vehicle safely immediately. It is recommended to contact a Leapmotor service centre or authorised dealer or service provider.

PARKING ASSIST SYSTEM

AROUND VIEW MONITOR

SYSTEM INTRODUCTION

The panoramic image can provide the driver with a video image of the blind spot around the vehicle, so that the driver can intuitively see the location of the vehicle and the obstacles around the vehicle. It is convenient for the driver to control the vehicle to park in a parking space or pass through complex roads, effectively reducing accidents such as scratches, sinking and collisions.

ENTER THE PANORAMIC IMAGE INTERFACE

The method to enter the panoramic image interface is as follows:

- After the vehicle is started, when the speed is less than 30 km/h (19 mile/h), tap the "360° Around View" button icon on the central control panel to display the panoramic view interface.
- The panoramic view interface is turned on by voice.
- Press the custom button on the steering wheel (which can be set to trigger 360° around view in the central control panel).
- When the gear is switched to "R", the panoramic image interface pops up.

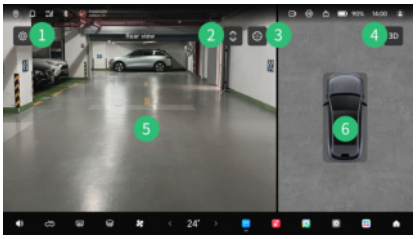
EXIT PANORAMIC VIEW INTERFACE

The method to exit the panoramic image interface is as follows:

- Touch other switch buttons on the bottom bar of the central control screen to exit the panoramic image interface.
- Voice to exit the panoramic image interface.

- Press the custom button on the steering wheel (which can be set to trigger 360° around view in the central control panel).
- When the combination instrument speed is greater than the set speed of surround view suppression, exit the panoramic image interface.
- When the gear is switched to "P", exit the panoramic image interface.

INTRODUCTION TO PANORAMIC VIEW INTERFACE



1. Settings button
   - Tap to enable or disable the transparent chassis, dynamic trajectory lines, and radar warning sound functions.

2. Wide-angle view toggle button
   - Tap to switch to wide-angle view.

3. Wheel hub view toggle button
   - Tap to switch to wheel hub view.

4. 2D/3D switch button
   - Touch to switch to 2D or 3D view.

5. Main view display area
   - Display the main screen from various perspectives.

6. AVM stitching display / radar display area
   - This area displays the panoramic top view, vehicle trajectory lines, radar guidance markers, and obstacle distance indicators. Tap the corresponding zone to switch the main view display.

STARTING ASSIST IMAGE

In the "Settings-Intelligent Driving-Assistance Image" interface of the central control panel, tap "Start Assist Image" to turn on or off this function.

After the function is turned on, when the vehicle is stationary and shifted to "D" gear, a 360 image interface pops up on the central control screen to check whether there are obstacles nearby.

STEERING ASSIST IMAGE

In the "Settings-Intelligent Driving-Assistance Image" interface of the central control panel, touch the "Steering Assist Image" button to turn on/off this function.

After the function is turned on, when the vehicle is in "D" gear and the left and right turn signals are turned on, the 3D image on the rear side corresponding to the 360 image will be automatically turned on.

HILL-START ASSIST IMAGE

In the "Settings-Intelligent Driving-Assistance Image" interface of the central control panel, tap "Hill Assist Image" to turn on or off this function.

After the function is turned on, if the vehicle is detected to be on an uphill road during driving, the system will automatically turn on the 360 image to assist the driver in viewing the environment ahead.

FUNCTION RESTRICTION

The camera perception performance is limited, which will affect the normal use of the panoramic image:

- Darkness (poor lighting conditions) or poor visibility (caused by heavy rain, snow and fog).
- Weather conditions (heavy rain, snow, fog, extreme heat or cold temperatures) interfere with the operation of the camera.
- The camera faces the direct direction of the light source or the illumination intensity is insufficient.
- The camera surface is attached with foreign matters such as ice, snow, frost, rain and fog, accumulated water and dust.
- Rapid changes in light (entering and exiting the tunnel).
- The left and right rearview mirrors are deformed or damaged, and the front and rear bumpers are deformed or damaged, resulting in changes in camera position.
- The vehicle bumps or shakes due to uneven roads or other reasons.

WARNING

- The trajectory line of the panoramic image interface is not completely accurate. When the vehicle's steering mechanism is abnormal, the trajectory line will deviate from the actual driving trajectory. The driver needs to pay attention to the surrounding environment at all times and do not rely on the panoramic image system.
- The panoramic view function can assist the driver, but it cannot replace the driver in driving. Even if the panoramic image is activated, the driver must drive carefully and obey traffic rules.

ATTENTION

- The objects displayed in the panoramic image may be deformed to a certain extent from the actual objects.
- Do not use the AVM System when the exterior rearview mirrors are not fully deployed, and ensure that all doors are fully closed when operating the vehicle using the AVM System.
- The object distance displayed on the AVM interface may be different from your subjective feeling, especially when the object is closer to the vehicle. The driver should judge the distance between the vehicle and the object through a variety of means.

DASHCAM

SYSTEM INTRODUCTION

During the driving process, the system captures video footage via cameras, displaying the feed on the Infotainment Screen while simultaneously archiving the recordings for subsequent review and retrieval.

DASHCAM INTERFACE

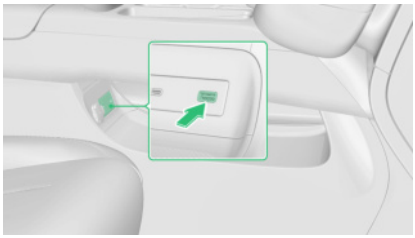
On the Infotainment Screen Application interface, tap the "Dashcam" application to access the Dashcam interface, where you may tap to view the following:

- Real vehicle screen: Touch the record button to start video recording.
- Loop video: After the USB flash drive is inserted, the system automatically starts loop video recording when the vehicle is powered on. The default is one video every 3 minutes, and the earliest video is automatically deleted in a loop.
- Emergency video: When a collision occurs and the airbags deploy, the dashcam will automatically save footage from this critical period in the Emergency Video folder.
- Settings: The driving recorder switch can be turned on or off, and the USB flash drive capacity can also be viewed.

NOTE

- During the driving video recording process, if the recording is interrupted due to sudden power failure or system restart (such as a serious collision), the current video may not be saved in time and completely, resulting in video loss, video saving failure, etc.

PLACEMENT POSITION OF USB FLASH DISK



The USB interface is located in the storage space under the auxiliary instrument panel. After inserting the USB flash drive, the driving recorder automatically starts recording driving videos.

WARNING

- The video recording function of the dashcam may involve the personal privacy of others or confidentiality requirements pertaining to sensitive geographical location data of national importance. Please ensure compliance with relevant national laws and regulations during operation.
- When visibility is low in bad weather (such as rain, snow and fog), the image quality of the EDR may deteriorate.

- When the driving video system fails, please contact the Leapmotor Service Centre or authorised service store for repair in time.

Suggestions on USB Flash Drive Selection

1. Choose a USB flash drive that supports the FAT32 file format that has been formatted as FAT32.
2. Select the more well-known brands with storage capacities of 64G/128G/256G.
3. Support USB2.0 and above, with a continuous write rate greater than 10MB/S.

ATTENTION

- Do not pull out the USB flash disk when turning on the driving recorder, otherwise it may cause abnormal data or damage to the USB flash disk.
- The operating temperature of the USB flash drive is 0℃~60℃. Too high or too low ambient temperature will greatly affect the read and write rate, causing data read and write failures. The USB flash drive is a consumable. If the reading and writing speed is abnormally slow or the video recording fails, please replace it.

NOTE

- The vehicle is not equipped with a driving record USB flash drive. You need to install the USB flash drive yourself before you can use the driving record function normally.

CAB INTERIOR INSPECTION

CHECK THE DRIVER'S SEAT

Verify the smooth operation of the driver's seat longitudinal position adjustment, height adjustment and backrest angle adjustment, ensuring the seat is positioned correctly.

CHECK THE SEAT BELTS

Check whether the seat belt retractor and seat belt buckle work properly and smoothly, and whether they are firmly installed. Check if seat belts have cracks, scratches, wear or damage.

CHECK VARIOUS MIRROR SURFACES

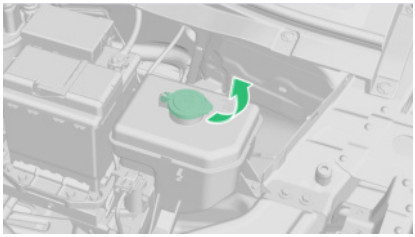
Check if the screen surfaces of the instrument cluster and Infotainment Screen are normal, and if they are cracked, scratched, or damaged.

CHECK SOC

Check the SOC displayed on the instrument cluster. If the SOC is low, charge promptly

FLUID AND TYRE INSPECTION

CHECK WINDSCREEN WASHING FLUID



Check whether there is sufficient washer fluid in the windscreen washer fluid reservoir. If the washer fluid is insufficient, please replenish it in a timely manner. The method of adding windscreen washer fluid is as follows:

1. Open the front engine hood and washer reservoir cover.
2. Add appropriate washing liquid to the washing pot (do not overfill it when filling).

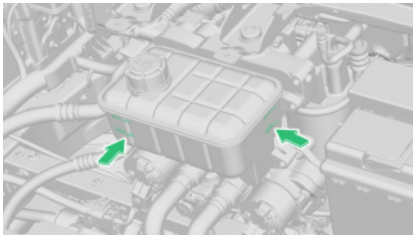
WARNING

- Do not add any additives to the windscreen washer fluid. Otherwise, oil stains or other debris will be left on the front windscreen when cleaning the windscreen, which will seriously affect the forward vision and easily cause accidents.

ATTENTION

- Do not use soapy water or other antifreeze instead of washing liquid, otherwise it may cause streaks on the vehicle paint.
- Do not mix windscreen washer fluid with other cleaning agents, otherwise it will cause the detergent components to decompose and block the windscreen washer nozzle.

CHECK COOLANT



Check the coolant level when the coolant is cold to ensure that it is between the MIN (minimum) and MAX (maximum) marks.

WARNING

- Do not open the coolant expansion pot cover when the coolant is at high temperature, otherwise it may cause personal injury such as scalding.
- Coolant must be stored in a labeled container that is out of reach of children.
- Avoid coolant sticking to the skin. If it sticks to the skin, rinse with water immediately.

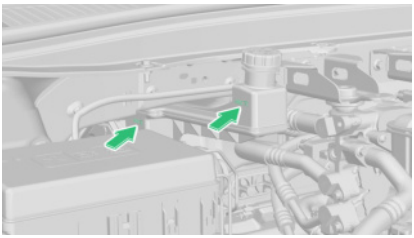
ATTENTION

- If the coolant is found to be lower than the MIN (minimum) level, there may be a risk of leakage in the cooling system. It is recommended to contact the Leapmotor Service Centre or authorised service store.
- Do not mix coolant that is not approved by our company into the filled coolant, otherwise it may cause damage to the vehicle due to incompatibility.

ECO

- Waste coolant must be disposed of in accordance with environmental laws and regulations. Do not pour it directly into the garbage dump, sewer or ground.

CHECK THE BRAKE FLUID



Check the brake fluid level, making sure that it is between the MIN and MAX marks.

WARNING

- Use only new brake fluid that is sealed and stored. Do not use used or opened brake fluid, which will absorb moisture and reduce braking performance.
- Brake fluid is highly toxic and must be sealed and kept away from children. In case of accidental ingestion, seek medical attention immediately.
- Do not store brake fluid in empty food containers, bottles or any non-original brake fluid container; otherwise, the brake fluid may be mistaken for food, resulting in poisoning accidents.
- During the use of the vehicle, the brake friction pads are automatically adjusted due to wear, and the brake fluid level may drop slightly. This is a normal phenomenon. However, if the fluid level drops in a short period of time, or falls below the "MIN" mark, or requires frequent refilling, it indicates that there is a leakage fault in the brake system.

ATTENTION

- It is recommended that the brake fluid be replaced at a Leapmotor service centre or authorised service store.
- Brake fluid will damage the paint surface. Do not splash brake fluid on the paint surface. If brake fluid splashes on the paint surface, please clean it with water immediately.
- The brake fluid is absorbent and continuously absorbs moisture from the surrounding air during use. If the water content of the brake fluid is too high, it will corrode the brake system and greatly reduce the boiling point of the brake fluid. Air blockage may occur during emergency braking, worsening the braking effect. Therefore, the brake fluid must be replaced regularly.
- The brake fluid must be replaced every 2 years or 40,000 kilometers (24,855 miles).

ECO

- Waste brake fluid must be disposed of in accordance with environmental laws and regulations. Do not pour it directly into the garbage dump, sewer or ground.

CHECK THE TYRE PRESSURE AND TREAD

For your driving safety, please check your tyres regularly.

- In the cold tyre state (park for at least 3 hours), check whether the tyre pressure meets the tyre requirements of this vehicle.
- Check if the tyre tread has cuts, bulges, cracks, excessive wear, or other damages.

WARNING

- When the vehicle is running, if an abnormal vibration or deviation is found, you should

immediately stop the vehicle safely and check whether the tyres are damaged.
- The tyre pressure should be checked before the vehicle travels for a long distance. Abnormal tyre pressure may cause tyre burst, resulting in traffic incidents.

CHECK A/C FILTER ELEMENTS

The air conditioning filter is located under the auxiliary instrument panel. Regular cleaning of the air conditioning filter can keep the air in the car fresh.

ATTENTION

- To clean the air conditioning filter, you must first remove the left extension plate assembly of the auxiliary instrument panel and the air conditioning filter cover. In order to avoid damaging the vehicle by self-operation, it is recommended to contact the Leapmotor Service Centre or an authorised service store for cleaning the air conditioning filter.

CHECK AFTER STARTING THE VEHICLE

CHECK THE OPERATION OF THE INSTRUMENT CLUSTER

Check whether the light and display of the instrument cluster work properly.

CHECK THE HORNS

Check whether the horn and buzzer work properly.

CHECK THE LIGHTS

Check whether the front combination lamp, brake lamp, turn signal lamp and other lighting equipment can be used normally and fixed reliably, and check whether the illumination height of headlamp is normal.

CHECK WIPERS AND WASHERS

Check whether the wiper works properly and ensure that the wiper blades do not leave scratches after wiping, otherwise the wiper blades should be replaced in a timely manner.

Check whether the washer is working properly and whether the spraying of washing liquid is normal.

CHECK THE STEERING WHEEL

Check whether the multi-function buttons on the steering wheel are normal and whether the surface of the steering wheel is damaged.

VEHICLE INSPECTION

CHECK THE BRAKING SYSTEM

Check the free stroke of the brake pedal to ensure that there is adequate clearance under the brake pedal when fully stepped on, and ensure that the foot pad does not interfere with the operation of the brake pedal.

Check whether the braking system works properly and whether the brake pad and pad make abnormal noises during braking.

Check whether the parking brake works properly.

CHECK THE STEERING SYSTEM

Check whether the steering system works properly, whether the free stroke of the steering wheel is excessive, whether the steering is heavy or there are other abnormal noises.

VEHICLE MAINTENANCE

MAINTENANCE INSTRUCTIONS

In order to ensure the good performance of the vehicle, the vehicle should be maintained during use:
- Maintenance has two types, i.e., regular maintenance and routine maintenance. For scheduled maintenance, please contact the authorised dealer. Routine maintenance is performed by the driver.
- You shall comply with safe operating regulations in the process of any maintenance or inspection operations. Incorrect operations may cause malfunctions or damage to the vehicle's functions, and even incidents.

Timely regular maintenance of the vehicle is an essential link in the process of vehicle use. Please refer to the provisions in the maintenance content and maintenance cycle table for the mileage interval or time interval and maintenance items of regular maintenance. You can also go to the Leapmotor service centre or authorised service store for regular maintenance in time according to the maintenance mileage reminder on the central control screen, and reinitialised the maintenance mileage reminder.

Daily maintenance and inspection should be performed before each driving. Routine maintenance is the responsibility of the driver and can be performed by the driver himself. If necessary, please contact the authorised dealer.

ATTENTION

- Failure to perform regular maintenance in a timely manner will reduce the vehicle's performance, and cause damage to the vehicle and the loss of the right of warranty claims.

CORROSION PREVENTION

VEHICLE PARKING

Park the vehicle in a well-ventilated environment as much as possible. Don't park the vehicle in a humid, cold, high-temperature, airtight place for a long time.

PAINT DAMAGE

For small-area paint damage, such as scratches, scrapes or bruises, it is recommended to contact the Leapmotor Service Centre or authorised service store immediately for repair to avoid metal corrosion.

WHEEL MUDGUARD

When driving on a saline-alkali road or gravel road, the mudguard can effectively protect the vehicle and protect the safety of the rear vehicles. The larger the size of the mudguard and the closer it is to the road surface, the better the protection for the vehicle at the rear side during driving. To install mudguards, please contact the authorised dealer.

PRECAUTIONS FOR DAILY MAINTENANCE ITEMS

During daily maintenance of the vehicle, the driver should take care and comply with safe operating regulations to avoid causing injury to himself or damage to the vehicle. If you have any questions about the maintenance and repair of your vehicle, please contact the authorised dealer.

WARNING

- During daily maintenance of the vehicle, the vehicle should be parked on a safe area and flat ground, and the EPB should be applied. Don't perform daily maintenance in unsafe areas with heavy traffic and pedestrian flow, flammable and explosive areas, or on ramps.
- During daily maintenance, you should take off loose clothing, pin up long hair, remove jewelry such as bracelets and watches, wear gloves and take corresponding protective measures.
- During routine inspection or regular maintenance, it is necessary to promptly remove foreign matters from the front engine compartment, and do not leave gloves, rags, and other flammable substances or tools in the front trunk.
- When the vehicle is powered on, do not disconnect or connect the battery cable and other electrical component connectors.
- It is strictly prohibited to bring objects with sparks near the battery.
- Avoid direct skin contact with used waste oil.

BODY CLEANING

Frequent car washing helps to protect the appearance of the vehicle. Please wash the vehicle according to normal car washing methods.

The following situations will cause the paint layer to peel off or cause corrosion of the body and parts, and the vehicle must be cleaned immediately:

- After driving along the coast for a while.
- After driving on a road surface with coal tar, resin, bird droppings and dead insects for a period of time.
- After driving for a period of time in an area containing a large amount of smoke, coal ash, dust, iron filings or chemicals.

- The vehicle is visibly soiled by dust and mud.

MANUAL CAR WASHING

In a cool place, wait for the vehicle to cool down sufficiently before washing it.

1. Use a water pipe to wash away loose dirt, all mud or road salt from the bottom of the vehicle and the sunken parts of the wheels.
2. Use a sponge soaked in special car washing agent and gently wipe to remove dirt.
3. Clean the tyres with a special sponge and brush for cleaning tyres.
4. Wash the vehicle thoroughly.
5. In order to prevent water stains from remaining on the car body, the car body must be wiped dry with a special absorbent towel. Do not wipe or press hard, otherwise it may damage the paint surface.

WARNING

- When cleaning the chassis, be careful not to cut your fingers.
- Don't wash the vehicle while charging.
- Don't flush the high voltage devices at the bottom of the vehicle to avoid electric shock or vehicle damage.

ATTENTION

- When washing and waxing the vehicle, please choose special cleaning agents and curing agents, pay attention to the shelf life before use, and be sure to store them in a place out of reach of children after use.
- Don't wash the vehicle in direct sunlight, or you will risk damaging the paint.
- When washing the vehicle in winter, if you use a hose to wash the vehicle, please be careful not to aim the sprayed water at the door handle, charging port and door seam outside the car, otherwise there will be a risk of freezing in these places.
- Don't use rough sponges or corrosive cleaning agents to clean the vehicle to avoid damaging the paint finish.
- The temperature of washing water should not exceed 60°C.
- The charging port plate should be kept closed during the washing process to avoid damaging the vehicle.
- When washing the vehicle with HP water, an excessively high water pressure would damage the paint of the vehicle.
- Do not sprinkle water in the front engine compartment to avoid short circuit of electrical components.
- Do not use highly alkaline washing powder, soapy water, dewaxing detergent and organic matters (gasoline, kerosene, volatile oil or strong solvent).
- Do not wipe the lamps with dry towels or use abrasive cleaning agent to clean the lamps to avoid scratching them.
- Don't wax the surface of lamps to avoid damaging the lamps. Alcohol-based or organic cleaning agents (such as adhesive removers, tar cleaners, coatings, foam cleaners, paint decontamination cleaners, glass cleaners, thinners, de-icers, paint treatment agents, etc.) may damage the headlamps, causing cracking. Protective measures should be taken for the headlamps during vehicle washing or paint protection film application.
- Do not use abrasive cleaning agents to scrub the car body.
- Polished metal parts should be waxed regularly for protection.

AUTOMATIC CAR WASH

When washing the car at an automatic car wash station, be aware that certain types of brushes, unfiltered rinse water or machine-defined rinse procedures may scratch the paint surface. Scratches on the paint surface will reduce the durability and glossiness of the paint surface, especially for dark-coloured vehicles.

Before washing your car, it is best to consult the staff at the car wash station to choose the safest car wash procedure for your vehicle's painted surface.

ECO

- The vehicle should be washed at a professional car wash point to prevent sewage containing oil from being discharged directly into the sewer and avoid polluting the environment.

VEHICLE WAXING

In order to keep the vehicle polished and clean like new, we recommend that the body be polished and waxed once a month or when the body surface is not well resistant to water.

- Before waxing, be sure to wash and dry the car body, even if you use a combination of detergent and wax.
- Use high-quality polish and car wax. If the polish of the vehicle body has been severely weathered, use a vehicle cleaning polish separate from the car wax. Carefully follow the manufacturer's instructions and precautions. The chrome-plated surface should be polished and waxed like the painted surface.
- When the vehicle body surface is in contact with water on a large scale, if the water does not form water droplets and adheres to the vehicle body surface, the vehicle should be waxed again.

ATTENTION

- It is necessary to avoid vehicle radar probes in the process of waxing.

PAINT SURFACE MAINTENANCE

Attention shall be paid to the following points in vehicle paint maintenance:

- Flush the body timely after rain. After rain, the rain stains on the car body will gradually shrink, causing the concentration of acidic substances in the rainwater to gradually increase. If the rain stains are not washed with clean water as soon as possible, the paint surface will be damaged for a long time.
- When washing the car, use special detergent and neutral running water. Do not use alkaline laundry powder, soapy water and detergent to prevent the grease in the paint from being washed away and accelerating the aging of the paint. If the car is washed in a car wash, the car wash staff should be reminded not to use dewaxing cleaners to avoid damage to the paint surface. Especially the vehicles running in coastal or heavily polluted areas should be flushed once per day.
- Use a clean, soft rag or sponge to scrub the vehicle to prevent metal chips and sand from mixing in. Do not use dry cloth, dry towel, or dry sponge to wipe the car to avoid scratches. When wiping, wipe gently from top to bottom in the direction of water flow. Do not draw circles or wipe horizontally.
- Some special and highly corrosive traces (such as asphalt, bird droppings, insects, etc.) should be removed in time. For this, it must be cleaned with a special detergent. Do not use a blade to scrape or gasoline to eliminate it at will to avoid damaging the paint surface.
- Do not touch the paint surface of the car body with dirty hands with oil stains or wipe the paint surface with an oily rag at will. Do not place tools with oil stains or rags containing organic solvents on the car body to avoid chemical reactions.
- If there are no obvious scratches on the paint surface, please do not easily perform secondary painting to prevent the paint colour from being inconsistent or poorly combined.
- Prevent strong impact, bumps and scratches on the paint film of the car body. If any scars, dents or peeling are found on the paint surface, they should be repaired in time. It is recommended to go to the Leapmotor Service Centre or authorised service store for repair in time.
- Polished metal parts should be waxed regularly for protection.
- For cleaning the body decoration parts, use a good quality detergent. Do not rub too hard when waxing to avoid penetrating the paint surface.
- Wax the paint surface from time to time and it is recommended to go to the Leapmotor Service Centre or authorised service store for maintenance regularly (once a quarter) to restore the bright gloss of the body paint surface in time.

CLEANING AND MAINTENANCE OF EXTERNAL PLASTIC PARTS

Generally, external plastic parts are cleaned with clean water, soft cloth, and a soft brush. If such parts are not cleaned thoroughly, please clean them with a special cleaner for plastic parts.

CLEAN GLASS

Clean the window glass, interior/exterior rearview mirror, cameras, and screens with an alcohol containing glass cleaner, and then dry the surface with a clean and soft cloth.

After curing the surface of the vehicle body, the wax remaining on the glass should be removed with a special cleaner and cleaning cloth to avoid scratching the front and rear wiper blades.

Snow on the windscreens and rearview mirrors can be removed with a plastic scraper.

If the windscreen glass is frozen, ice can be removed with a deicing spray or deicing shovel, but you should be careful not to damage the parts. You must also scrape ice in the same direction.

ATTENTION

- When using a de-icing shovel, it is strictly forbidden to scrape back and forth from different directions.
- Don't remove ice and snow from the windscreen and rearview mirror with warm water or hot water, otherwise the windscreen may burst.
- If there are residual rubber, grease, and silicone substances on the windscreen, they must be removed with a special windscreen cleaner or silicone cleaner.
- Please do not directly clear snow with wipers.
- When cleaning the inside of the rear windscreen, be careful to avoid scratching or damaging the heating wire and connectors.

CLEAN THE INTERIOR

Please read the following prompt information before cleaning the interior of the vehicle.

WARNING

- Do not expose the airbag components or wires in the car to moisture, otherwise it may cause the airbag to fail to deploy or the airbag to deploy by mistake, resulting in serious injury or even life-threatening.
- Don't use polishing wax or polishing detergent, otherwise the instrument panel may reflect light onto the windscreen, blocking the driver's field of view, causing serious injury and even endangering life.

ATTENTION

- Do not splash liquids such as detergent into the car, otherwise it may cause electrical components to get damp and malfunction. If accidentally splashed, all splashed liquids should be wiped clean quickly.
- If you need to use a cleaning agent, please read the instructions carefully and follow them strictly. Avoid using organic substances (solvents, kerosene, alcohol and gasoline) or acid-base solutions, as these chemicals will cause discolouration, contamination or peeling of the surface.
- Some clothes with coloured materials (such as dark jeans and sheepskin clothing) may stain the interior fabric. If this happens, it is important to clean and maintain the fabric in these areas as soon as possible.
- Do not spray detergent directly onto components with electrical buttons and controls. Wipe them with soft clothes dipped with cleaning agent.
- Sharp objects may damage fabric facing.
- Do not use solvent-containing cleaners to clean the dashboard, airbag cover or leather products.
- Don't spray water in the vehicle to avoid short circuits of the electrical parts.

CLEAN THE DASHBOARD AND OTHER INTERIOR TRIMS

When cleaning the dashboard and other interior trims, refer to the following precautions:

- For cleaning the instrument panel, soak a clean soft cloth in warm water, and then gently wipe away the dust.
- Do not use blades or other sharp objects to remove dirt from the interior surface.
- Do not use a hard-bristled brush, which may damage the interior surface of the vehicle.
- Do not use excessive force or press to wipe the interior. Excessive force will not only fail to achieve the descaling effect, but also damage the interior.
- Try to use mild neutral soaps and avoid using strong detergents or degreasing soaps.
- Do not soak the interior during cleaning.

ENVIRONMENTAL PROTECTION LEATHER MAINTENANCE

Routine maintenance

To maintain the best appearance and extend the service life, regular surface cleaning can be

performed. Gently wipe with a flannel brush to restore the gloss, then clean with a vacuum cleaner and wipe lightly with a dry or damp white cloth.

Dust stains

Immediately clean with a vacuum cleaner or use a hair remover to remove dust stains.

Light coloured liquid stain

Wipe the stain with a wrung wet white cloth in circular motions for about 2 minutes. Repeat the above steps with a new wipe until the stain fades and is removed. After cleaning, gently wipe off the water with a soft white cloth or let it air dry naturally. Avoid using a hair dryer to accelerate drying.

Dark liquid stains

In case of dark oil stains, soup, cola, coffee, sludge, etc., first use a wrung-out wet white cloth to wipe the stain for 2 minutes; then soak the wiping cloth in detergent or soapy water and gently wipe the stain for 2 minutes; if it is difficult to wipe off the stain, soak the wiping cloth in ethanol solution (50%~75% concentration) and wipe quickly and lightly; finally wipe with a dry cloth for 1 minute.

After repeating the above steps for 3 times, if it is still not wiped clean, do not try gravity and frequent wiping.

Protection from sunlight

Long-term exposure to sunlight will cause the seats to change colour and fade. Try to choose a place with sunshade when parking, or use a sun visor to protect the seats.

Pollution prevention

Avoid eating on the seat to prevent food residues and stains from contaminating the seat. If you need to eat in the car, you can use a lid or plastic bag to protect the seat.

Keep away from heat sources

Do not place non-insulated boiling water cups on leather surfaces.

Do not use a hair dryer to blow hot air at close range on the leather surface.

Avoid contact with sharp objects

Try to avoid letting the seat come into contact with hard or sharp objects, such as keys, repair tools, spiked objects, etc., to prevent scratches.

Avoid using chemical cleaning agents

Weakly alkaline cleaning fluid should be used, and chemical cleaning agents and solvents should be avoided to avoid damaging the leather. If sunscreen, skin care products and oils drip, wipe them off in time.

Keep the car dry

If the humidity in the car is too high on rainy days, start the air conditioner to dehumidify or ventilate and dry. Do not place wet cloth on the leather surface.

CLEANING SWITCH

When cleaning the switch, use a small soft brush to flick dust off the buttons and switches.

CLEAN THE SEAT BELT

Clean seat belts with a sponge or soft cloth dipped in neutral soapy water or warm water. Please check the seat belt regularly for excessive wear or scratches.

⚠ ATTENTION

- Do not retract the seat belt until it is completely dry; otherwise, damage will be caused to the seat belt retractor.
- Do not use bleaching powder, dyes or cleaning solvents, as such items will reduce the durability of the seat belt.

CLEANING CARPETS

Please clean the carpet as follows:

- Carpets should be cleaned with a high-quality foam cleaner.
- First, use a vacuum cleaner to clean the dust as much as possible, and then use a foam-soaked sponge or brush to scrub the carpet in a circular manner.
- Don't use clean water to avoid body corrosion caused by water immersion. Please keep the carpet dry.

MAINTAIN SEALING STRIPS

The vehicle's sealing strip plays a sealing role because of its colloidal properties. It is necessary to regularly maintain the sealing strip on the vehicle with rubber maintenance agent, which can keep the sealing strip elastic for a long time.

TYRE

In order to drive the vehicle safely, the model and size of the tyres must be consistent with your vehicle model. At the same time, ensure that all tyres have good tread and meet standard tyre pressure.

LOW ASPECT RATIO TYRES

This model is equipped with low-profile tyres, which have a smaller tyre aspect ratio (tyre sidewall height) than other size wheels. These size changes not only make the appearance of the whole vehicle more luxurious and dynamic, but also greatly improve the driving controllability, allowing you to experience more precise driving pleasure during driving. However, due to the low sidewall height of low aspect ratio tyres, when colliding with (convex or concave) obstacles, there may be phenomena such as carcass cord breakage or sub-mouth cracking caused by severe extrusion and deformation of the tyre between the obstacle and the rim flange, resulting in safety hazards such as tyre sidewall bulging or cracking. At the same time, there may also be safety hazards such as deformation or cracking of wheel rims due to impact. Therefore, in order to ensure your driving safety and comfort, before you fully enjoy the driving pleasure, we remind you that for the safety of you and your family, please read carefully and drive the vehicle strictly in accordance with the following precautions:

- Drive the vehicle on a road with good conditions.
- Please choose the correct and standardised parking space to park, and it is strictly forbidden to collide with the curb or steps.
- Please concentrate on driving and avoid obstacles in front (protrusions or depressions) in time. If it is unavoidable, please be sure to reduce the speed and pass slowly.
- Regularly check whether there are any abnormalities in the tyres and wheels, including the tyre crown and inner and outer sides. Ensure that the tyre pressure is within the specified range for a long time. In case of sidewall bulge, bead cracking or wheel rim deformation, please go to the Leapmotor Service Centre or authorised service store for replacement immediately.
- The tyre tread becomes wider with low-profile ratio tyres and large-size tyres, which improves handling and safety while taking into account the general requirements of comfort/noise/economy.
- Damage caused by improper use or abuse is not covered by the quality guarantee.

Leapmotor Automobile Co., Ltd. reserves the right of final interpretation of the above precautions to the extent permitted by law.

TYRE PRESSURE

Maintaining proper tyre pressure can improve vehicle maneuverability and driving comfort, and is conducive to extending the tread life of tyres.

⚠ ATTENTION

- Using tyres with insufficient tyre pressure will lead to uneven tyre wear, affect vehicle maneuverability and power consumption, and cause air leakage due to overheating, and even loss of control of the vehicle in severe cases.
- Tyres with high tyre pressure will reduce the comfort of the vehicle, and are more likely to be damaged due to uneven road surfaces. In severe cases, there is a risk of tyre burst, which seriously threatens the safety of the entyre vehicle. Moreover, it will also lead to uneven tyre wear and shorten the service life of tyres.

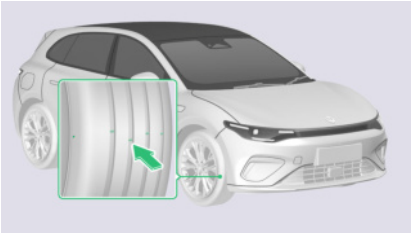
TYRE WEAR

When checking the tyre pressure status every time, you should also check whether the tyre has external injuries, foreign matter penetration and wear. A tyre should be replaced under the following circumstances:

- Damage and bulges on the tread or side. If either condition is found, the tyre should be replaced.
- Scratches, cracks, or fractures on the side of the tyre. If the tyre fabric or cord thread is visible, replace the tyre.

- Excessive tread wear.

Wear mark



Tyres are provided with wear marks. The triangular pattern on the shoulder is used to indicate the position of the tyre tread wear indicator mark, which you can find through this mark.

The height of the raised "tread wear indicator mark" is 1.6mm. If the tread pattern is worn to the mark surface, it means that this tyre can no longer be used safely and must be replaced immediately.

REPLACE A TYRE

The original tyres of this vehicle are selected to maximize vehicle performance, while providing you with the best combination of operability, ride comfort and service life.

You are recommended to purchase original tyres from an authorised dealer.

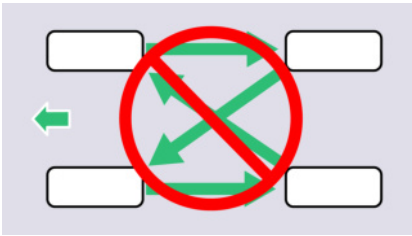
The replacement of radial tyres with those of differing dimensions, load ranges, rated speeds or maximum cold inflation pressures (as marked on the side of the tyre), or the mixing of radial and bias-ply tyres, may compromise the vehicle's braking performance, traction (road grip) and steering precision.

Unsuitable tyres will affect the operational flexibility and stability of the vehicle, and may lead to incidents, resulting in casualties.

ATTENTION

- Please replace tyres in pairs. Don't use tyres of different sizes or types.
- Don't use tyres of other sizes than those recommended by Leapmotor.

Tyre rotation



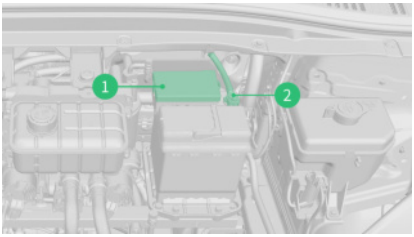
Front and rear axle rotation is not allowed, because the tyres or rim sizes equipped on the front and rear axles of the vehicle are different. Front and rear rotation may seriously affect the driving characteristics and may also damage surrounding related components.

BRAKE WEAR

This vehicle is equipped with wear indicators on the brake friction plates. The wear indicator is a thin metal plate attached to the brake friction plate, which emits a high-pitched sound when the plate wears down to its limit. This sound signifies that the brake friction plate has reached the end of its service life and requires replacement. For replacement of brake friction plate, it is recommended to contact the authorised dealer.

BATTERY

PRECAUTIONS FOR BATTERY ASSEMBLY



1. Positive
2. Negative

The battery is located in the front compartment of the vehicle and can be seen by opening the front compartment cover. When installing the battery, the battery pressure plate should be firmly fixed, and the battery pole fixing clip should be firmly

installed and in good contact to prevent sparks from causing battery explosion.

BATTERY MAINTENANCE

To extend battery life and maintain the normal operation of the vehicle electrical system, we recommend that:

- Prevent the battery from overcharging or long-term power loss.
- The battery should be kept away from heat sources and open flames, and ventilation should be maintained during charging to prevent burns and injuries.
- Prevent the battery from high current discharge for a long time.
- The oxides and sulphates generated by the battery retaining clips must be scraped away and coated with petrolatum to prevent corrosion.

WARNING

- If the electrolyte is in contact with eyes or skin, please rinse immediately with plenty of water and seek medical attention.

ATTENTION

- If the battery is seriously undervoltage (such as when the vehicle will not be used for a long time), it is recommended to contact the Leapmotor Service Centre or authorised service store. Do not replace the battery by yourself.
- When you leave the vehicle, please make sure to turn off the vehicle's electrical devices, such as lights, multimedia, etc., and place the vehicle in a cool and dry place.
- When driving in cold areas, it is necessary to avoid complete discharge of the battery to prevent freezing of the electrolyte.
- Frequently inspect the surface of the battery and the positive and negative terminals to ensure that the positive and negative terminals of the battery are not loose or corroded.
- Check the appearance of the battery for cracks, expansion and other defects. In case of any of the above defects, please contact the authorised dealer for maintenance.

During battery charging, the hydrogen generated by the battery is a flammable and explosive gas. Therefore, the following precautions should be taken before charging:

- To charge a battery with a battery charger, remove the battery to prevent accidents.
- To connect and disconnect the charger cable from the battery, make sure that the power switch on the charger is turned off.
- The used batteries must be replaced with the batteries of the same model and specification. Please contact the authorised dealer for replacement of batteries.

ECO

- The waste batteries must be recycled by qualified units to avoid environmental pollution and injury to operators.

TRACTION BATTERY

TRACTION BATTERY CHARACTERISTICS

The traction battery is the power source of a vehicle and can be repeatedly charged and discharged. The traction battery is charged by an external power supply. When the vehicle is braking or coasting, the traction battery can also be charged by energy recovery.

NOTE

- The power battery is located under the chassis of the vehicle body. When the vehicle passes through bumpy roads or drives on rough roads, pay attention to prevent collisions.

Affected by the electrochemical characteristics of the battery itself and for the purpose of protecting the power battery, it is normal that there are certain differences in vehicle performance under the following circumstances:

- When the traction battery is at a high SOC, the vehicle feedback performance will weaken, and when the SOC decreases, it will increase; the feedback performance has an enhanced transition stage.

- When the power battery is charged to a high level, it will switch to trickle charging mode. The terminal charging time will be prolonged, and the estimated remaining charging time displayed will deviate.
- When the traction battery state of charge (SOC) is ≤20%, the vehicle's dynamic performance may be diminished.
- The charging and discharging capacity of the traction battery will decrease at a high or low temperature, and the charging time will become longer, which is a normal phenomenon. When driving in extreme temperatures, there may be a reduction in power performance.
- The available SOC of the traction battery will decrease at a low temperature, and the available SOC will decrease as the temperature decreases. When the vehicle is parked in a low-temperature environment with high power and charged, the power may quickly reach 100%. It should be avoided to park the vehicle in a low-temperature environment for too long.

Under normal circumstances, the endurance mileage of power battery is affected by the following factors:

- Driving habits: For example, the cruising range of frequent acceleration and deceleration is shorter than that of constant speed driving, and the cruising range of high-speed driving is shorter than that of low-speed driving.
- Road conditions: For example, the driving range on bumpy roads or long slopes will be shorter than that on flat and dry roads.
- Air temperature: The driving range in low-temperature environment will be shorter than that in normal-temperature environment.
- The use of electrical equipment, such as the driving range when the air conditioner is turned on during vehicle use will be shorter than when the air conditioner is turned off.

During low-temperature DC charging, the temperature control system can significantly improve the low-temperature charging capacity of the battery and improve the charging performance of the vehicle.

During low power AC charging at a low temperature, due to limited charging power, the self-heating capacity of the battery is low. To increase the charging capacity, battery heating will be enabled at this time, the heating energy consumption will increase compared to DC charging, and the charging time will increase, which is a normal performance of charging in low temperature environments.

To improve the vehicle experience, you are recommended to charge the battery immediately after the vehicle is used. At this time, the battery temperature is relatively high, which can improve charging performance. If the battery temperature is low, the battery may quickly be in the charge end status to avoid damage to the battery.

When the A/C is on during low temperature charging, the performance of the battery temperature control system will be affected, and the charging performance of your vehicle will also be affected.

RECOMMENDATIONS FOR USING TRACTION BATTERIES

To extend the service life of the traction battery and improve your vehicle experience, we recommend:

- Ambient temperature significantly impacts the performance of traction batteries. For optimal battery performance and extended service life, it is recommended to operate the vehicle within an ambient temperature range of -10℃ to 40℃.
- When the low power battery warning light in the instrument cluster is on for the first time or the power is ≤10%, please charge the vehicle within 72 hours to ensure sufficient driving range and good acceleration performance. Failure to recharge the battery within the specified period may result in excessive discharge due to self-discharge of the traction battery, causing irreversible damage. Any severe faults or damage to vehicle components resulting from this condition will not be covered under warranty.
- Do not store the vehicle in a high temperature (above 40℃) environment for a long time (more than 15 days), otherwise it will reduce the service life of the power battery.
- When using a vehicle, it is recommended to avoid frequent rapid acceleration and deceleration, and to choose a flat and dry road for driving. If necessary, turn off high-power electrical equipment such as the A/C or adjust the temperature of the A/C to reduce the power consumption of high-power electrical equipment and increase driving mileage.
- Charging with an AC charging gun will extend the service life of the power battery.

- When using the vehicle for the first time or reusing it after a long period of parking, the power displayed on the instrument cluster may deviate from the actual level. It is recommended to fully charge the vehicle first.
- To maintain the traction battery in optimal status, please regularly charge it to full capacity using charging equipment (recommended at least one full charge per week). Every 3 to 6 months, perform a low-power (≤5%) full charge operation (slow charging is recommended). When the discharge capacity of the traction battery is ≤10%, it is recommended to engage the "P" (Park) gear and utilise auxiliary systems such as A/C and multimedia systems to discharge the battery to below 5%.
- Under extreme operating conditions (such as continuous rapid acceleration and deceleration), if the temperature of the traction battery is too high, the discharge capacity of the traction battery will gradually decrease, which is a normal phenomenon. If the battery temperature continues to rise and the high power battery temperature indicator lights up, it is recommended to contact the Leapmotor Service Centre or authorised service store.
- The slow heating mode is used for battery heating. When driving for a short time, the effect of the battery temperature control system is not obvious, and it also increases power consumption and shortens driving mileage. After driving for a long time, the battery temperature rises continuously as the battery itself heats up. At this time, your vehicle's battery heating demand is low. The main function of the battery temperature control system is to ensure low-temperature charging performance to improve your vehicle experience.
- For prolonged vehicle storage, it is advisable to park in temperature-controlled environments such as underground car parks or ambient warehouses to mitigate battery degradation and preserve optimal operational performance.
- When the vehicle is not in use, it should be promptly locked and powered down.
- When the battery power is less than 10%, the parking time should not exceed 3 days.

⚠ WARNING

- To avoid personal injury, do not directly contact the traction battery.
- If there is liquid leakage when the power battery is damaged, do not touch these liquids; if they accidentally enter the skin or eyes, please rinse immediately with plenty of water and seek medical attention immediately.
- If the power battery catches fire, please use plenty of water to cool down and extinguish the fire. Do not use dry powder fire extinguishers.
- If the traction battery suffers serious mechanical damage, resulting in the exposure of internal HV units, there will be a risk of severe combustion and electric shock, which may lead to serious casualties and environmental pollution.
- It is strictly forbidden to touch positive and negative terminals of the traction battery box at any time.
- It is forbidden to spray, step on, hit or damage the component to avoid fire or explosion caused by corrosive chemicals.
- The power battery pack is a high-voltage component. It is strictly forbidden to open or repair the power battery pack privately.
- Do not disassemble, move or change the power battery components and their wiring harnesses, otherwise it may cause serious burns or electric shock, and may result in casualties. The orange connecting wire is a high-voltage wiring harness. Users are not allowed to repair the vehicle's high-voltage system by themselves. If there is any need for maintenance, it is recommended that you go to the Leapmotor Service Centre or authorised service store for maintenance.

⚠ ATTENTION

- Park your vehicle at a dry place, and try to avoid parking in a wet parking area with water.
- The vehicle should avoid being placed in a high temperature environment for a long time to avoid affecting the safety and service life of the battery.
- To ensure the safety of power batteries, vehicles should be parked away from flammable and explosive items, fire sources and various hazardous chemicals.
- The available SOC of the traction battery will decrease as the vehicle usage time increases.
- Vehicles shall be parked away from heat sources and shall not be exposed to sunlight for a long time, otherwise the service life of the traction battery will be shortened.

- Prior to long-term vehicle storage, ensure the SOC remains within the optimal range (50%-80%). Maintenance must be carried out every 1 month. The specific operation is: fully charge the power battery and then discharge it to 80%. Failure to operate in accordance with the specifications may cause over-discharge of the power battery, reduce its performance or even damage it. If the vehicle components are seriously faulty and damaged as a result, no warranty will be provided.
- If the battery SOC is depleted to 0%, it is imperative to recharge the vehicle immediately. At this stage, the charging speed may be relatively slow until the traction battery reaches 20% SOC, as this facilitates battery performance recovery. Failure to recharge the high-voltage traction battery within 24 hours may cause irreversible damage. Resultant severe faults or damages to vehicle components will not be covered under warranty. If the vehicle cannot be charged, please contact the Leapmotor Service Centre or authorised service store immediately.

TRACTION BATTERY RECYCLING

When a new energy vehicle meets the scrapping requirements, it is recommended that you follow the following process:

- Send the vehicle to the recycling service store designated by Leapmotor, and Leapmotor will conduct a residual value assessment of the power battery.
- Send the assessed vehicle to an end-of-life vehicle recycling and dismantling enterprise for power battery removal.
- The used power batteries dismantled by automobile recycling and dismantling enterprises will be handed over to the recycling service store, which will repurchase the power batteries.

WARNING

- Owners of new energy vehicles have the responsibility and obligation to hand over used power batteries to recycling service stores. If the waste traction battery is handed over to other units or individuals, and the traction battery is removed or disassembled without permission, the NEV owner shall be responsible for the environmental pollution or safety incident caused therefrom.

FUSE

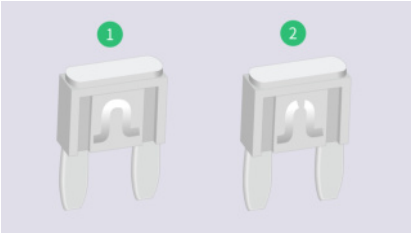
FUSE DESCRIPTION

The fuse of the vehicle is to prevent damage to the wiring harness due to short circuit or overload. These fuses are installed in four fuse boxes, namely the front cabin fuse box, battery positive pole fuse box, instrument panel fuse box and rear cabin fuse box.

When it is necessary to check and replace the fuse, make sure that the negative pole of the battery is disconnected.

CHECK FUSE

If you suspect that a fuse is faulty, you can refer to the fuse location distribution map and use the fuse clip to take it out of the fuse box for inspection.



1. Normal fuse
2. Blown fuse

NOTE

- Check whether the metal wire inside the fuse is blown. If so, replace it.
- The fuse clip is placed inside the front compartment fuse box.

REPLACE THE FUSE

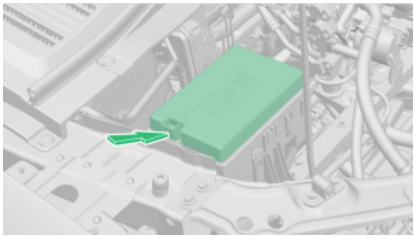
If you cannot determine whether a fuse is blown, replace the suspicious fuse with a normal spare fuse.

If a fuse is blown, install a new fuse into the fuse holder. Only fuses with the same current rating on the fuse box cover can be installed.

ATTENTION

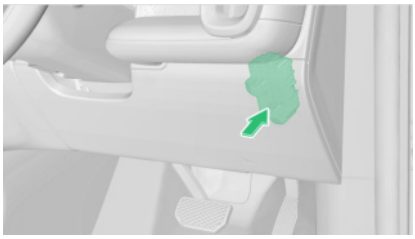
- Don't replace the fuse with a fuse or any other object with a current higher than the rated current, otherwise it will cause serious damage to the electrical system and may cause a fire.
- The inside of the fuse box must be kept clean and protected from moisture.
- Don't attempt to repair a blown fuse before continuing to use it, otherwise a fire may occur due to cable overload.
- If a correct fuse is replaced and still blows out in a short time or the electrical components do not resume normal operation, the vehicle may have a serious electrical system fault. At this time, you should contact the Leapmotor Service Centre or authorised service store in time.

FRONT COMPARTMENT FUSE BOX



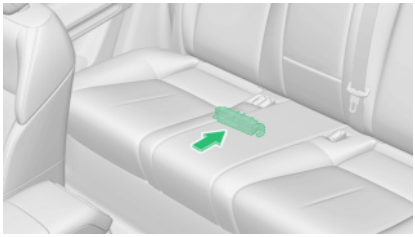
The front cabin fuse box is located on the right side of the front cabin. Open the front cabin cover, press the lock in the direction of the arrow, and pull the front cabin fuse cover outward to check and replace the fuse.

INSTRUMENT PANEL FUSE BOX



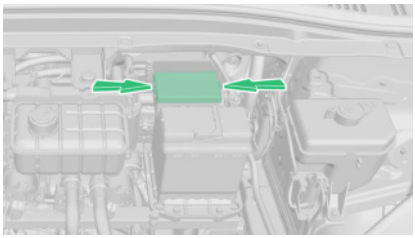
The instrument panel fuse box is placed on the driver's side of the dashboard. Remove the lower right cover of the instrument panel to check and replace the fuse.

REAR COMPARTMENT FUSE BOX



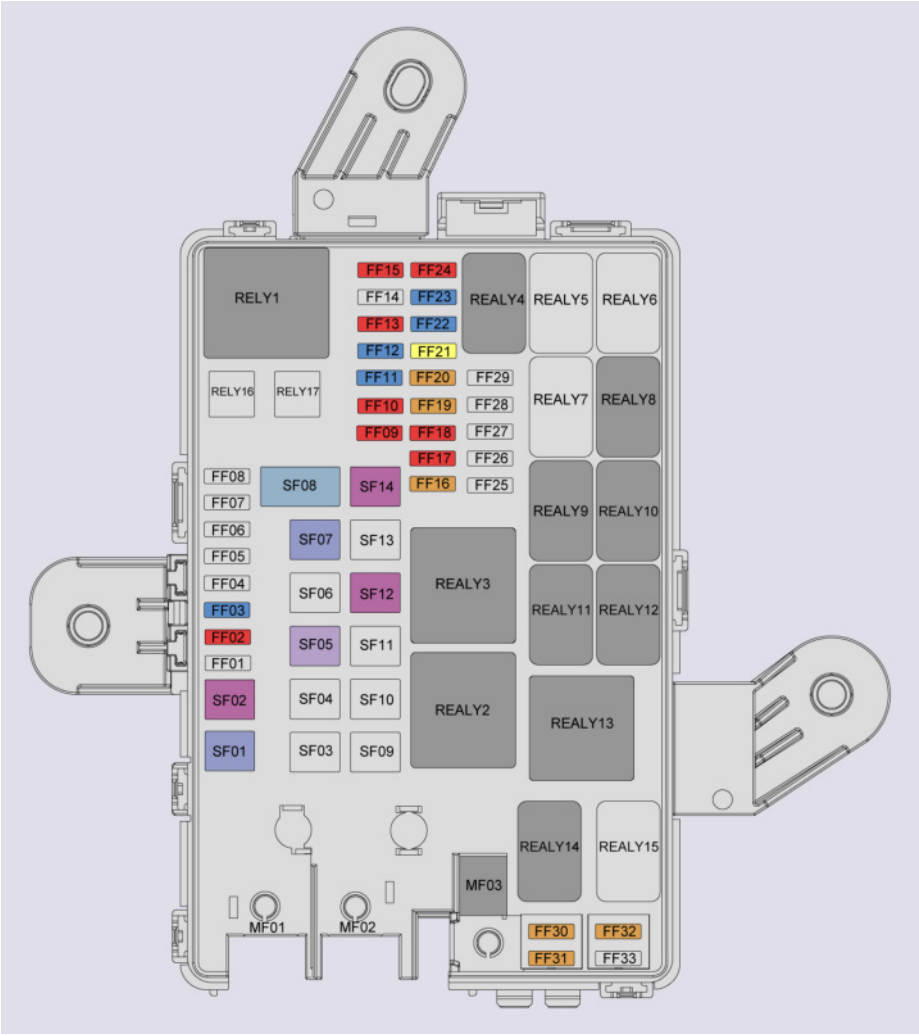
The rear compartment fuse box is located under the rear seat cushion. Remove the rear seat cushion to check and replace the fuse.

BATTERY FUSE BOX



The battery positive fuse box is located at the positive pole of the front cabin battery. Open the front cabin cover, press the lock in the direction of the arrow, remove the battery positive fuse box cover, and then check and replace the fuse.

LOCATION DISTRIBUTION OF FUSES IN FRONT COMPARTMENT



FUSE DETAILS

Fuse No.	Fuse specification	Fuse name
MF03	80A	Integrated motor controller power fuse

Fuse No.	Fuse specification	Fuse name
SF01	40A	Electronic fan assembly (medium speed) power fuse
SF02	30A	Electronic fan assembly (low speed) power fuse
SF03	—	—
SF04	—	—
SF05	25A	ON2C relay/backup power supply-front/rear USB charging/ wireless charging module assembly/front-view monocular camera assembly/multi-domain fusion controller (ON2C feedback)/alcolock interface ON2C power fuse
SF06	—	—
SF07	40A	A/C blower power supply fuse
SF08	60A	Electronic fan assembly (high speed) power fuse
SF09	—	—
SF10	—	—
SF11	—	—
SF12	30A	ON2B relay/active air intake grille assembly/electric compressor assembly/super integrated module/thermal management controller/brake light switch assembly/multi-domain fusion controller (ON2B feedback)/rear defrost relay/high-speed fan relay/medium-speed fan relay/ blower relay/low-speed fan relay/ rear motor oil pump ON2B power fuse
SF13	—	—
SF14	30A	Rear defroster power supply fuse
FF01	—	—
FF02	10A	Brake lamp switch assembly power fuse
FF03	15A	Front left combination lamp power fuse

Fuse No.	Fuse specification	Fuse name
FF04	—	—
FF05	—	—
FF06	—	—
FF07	—	—
FF08	—	—
FF09	10A	Power battery pack assembly power supply 1 fuse
FF10	10A	Power supply fuse for thermal management controller
FF11	15A	Tweeter assembly/woofer assembly power fuse
FF12	15A	Front right combination lamp power fuse
FF13	10A	ON3 relay/airbag control module assembly/multi-domain fusion controller (ON3 feedback)/ integrated motor controller/ intelligent integrated brake system assembly ON3 power fuse
FF14	—	—
FF15	10A	Power battery pack assembly power supply 2 fuse
FF16	5A	Forward anti-collision radar/left rear blind spot monitoring radar/ right rear blind spot monitoring radar/right front blind spot monitoring radar/left front blind spot monitoring radar power fuse
FF17	10A	Active air intake grille assembly/ electric compressor assembly/ super integrated module ON2B power fuse
FF18	10A	Thermal management controller ON2B power fuse
FF19	5A	Brake light switch assembly/ multi-domain fusion controller (ON2B feedback) ON2B power fuse

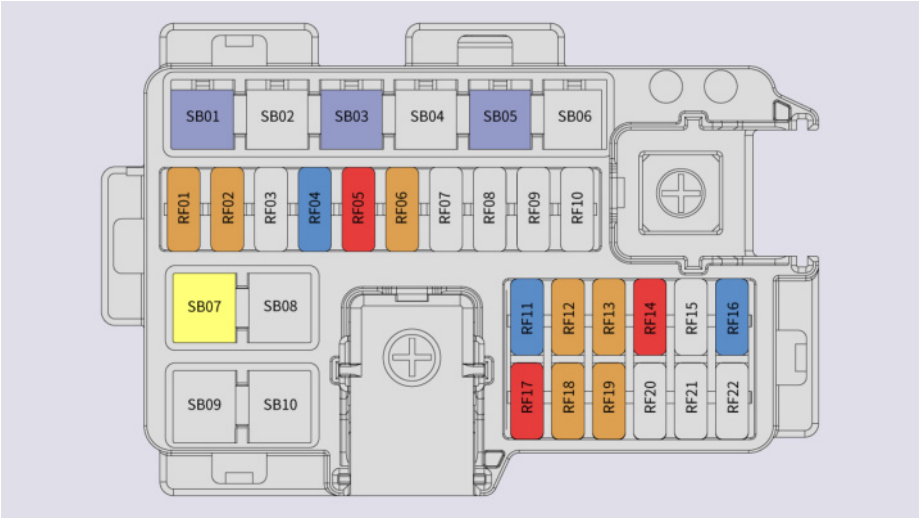
Fuse No.	Fuse specification	Fuse name
FF20	5A	High-speed fan relay/medium-speed fan relay/blower relay/low-speed fan relay/rear defroster relay ON2B power fuse
FF21	20A	Rear motor oil pump ON2B power fuse
FF22	15A	Super integrated module (motor water pump) power fuse
FF23	15A	Super integrated module (battery water pump) power fuse
FF24	10A	Super integrated module (five-way valve) power fuse
FF25	—	—
FF26	—	—
FF27	—	—
FF28	—	—
FF29	—	—
FF30	5A	Integrated motor controller ON3 power fuse
FF31	5A	IPB system assembly ON3 power supply fuse
FF32	5A	Alcolock interface power fuse
FF33	—	—

RELAY DETAILS

Relay No.	Relay name	Relay No.	Relay name
RELY1	High-speed fan relay	RELY10	ON2C relay
RELY2	Pump relay	RELY11	Horn relay
RELY3	Blower relay	RELY12	Low-speed fan relay
RELY4	Rear defogger relay	RELY13	Medium-speed fan relay
RELY5	—	RELY14	Blind spot monitoring radar relay
RELY6	—	RELY15	—
RELY7	—	RELY16	—

Relay No.	Relay name	Relay No.	Relay name
RELY8	ON2B relay	RELY17	—
RELY9	ON3 relay		

LOCATION DISTRIBUTION OF INSTRUMENT PANEL FUSES



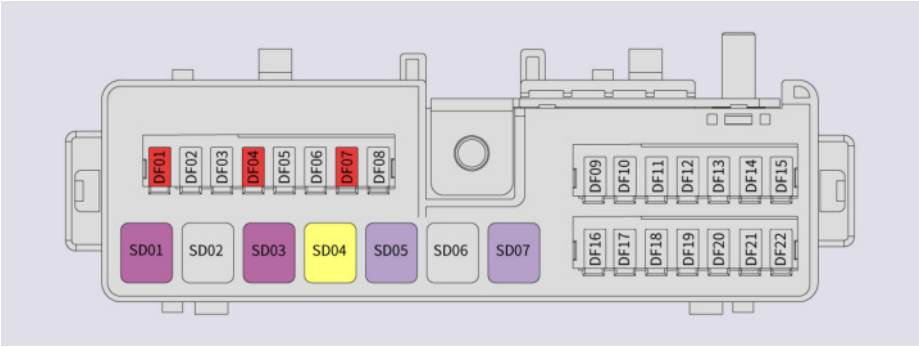
FUSE DETAILS

Fuse No.	Fuse specification	Fuse name
SB01	40A	Main area controller power supply 1 fuse
SB02	—	—
SB03	40A	Main area controller power supply 2 fuse
SB04	—	—
SB05	40A	Main area controller power supply 3 fuse
SB06	—	—
SB07	20A	Multi-domain fusion controller (host power supply 2+)/multi-domain fusion controller (amplifier power supply) power fuse

Fuse No.	Fuse specification	Fuse name
SB08	—	—
SB09	—	—
SB10	—	—
RF01	5A	Airbag control module assembly ON3 power fuse
RF02	5A	Multi-domain fusion controller (ON3 feedback) ON3 power fuse
RF03	—	—
RF04	15A	Backup power supply-front ON2C power fuse
RF05	10A	Rear USB charging/wireless charging module assembly ON2C power fuse
RF06	5A	Front-view monocular camera assembly/multi-domain fusion controller (ON2C feedback) ON2C power fuse
RF07	—	—
RF08	—	—
RF09	—	—
RF10	—	—
RF11	15A	Multi-domain fusion controller (host power supply 1+) power fuse
RF12	5A	Light and sunlight sensor assembly power fuse
RF13	5A	NFC power fuse
RF14	10A	IOV host power fuse
RF15	—	—
RF16	15A	Diagnostic interface power fuse
RF17	10A	Front USB power fuse
RF18	5A	Vital signs detection radar/front-view monocular camera assembly power fuse
RF19	5A	DAB host assembly/instrument display screen power fuse

Fuse No.	Fuse specification	Fuse name
RF20	—	—
RF21	—	—
RF22	—	—

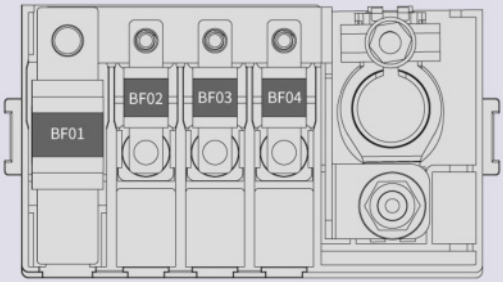
LOCATION DISTRIBUTION OF FUSES IN REAR COMPARTMENT



Fuse No.	Fuse specification	Fuse name
SD01	30A	Front passenger seat connector (front passenger seat adjustment) power fuse *
SD02	—	—
SD03	30A	Driver seat connector (driver's seat adjustment) power fuse *
SD04	20A	Electric sunshade power fuse*
SD05	25A	Power amplifier (host power supply 1) power fuse*
SD06	—	—
SD07	25A	Power amplifier (host power supply 2) power fuse*
DF01	10A	Alcolock interface power fuse
DF02	—	—
DF03	—	—
DF04	10A	Two-in-one power supply assembly/charging protocol convertor power fuse

Fuse No.	Fuse specification	Fuse name
DF05	—	—
DF06	—	—
DF07	10A	Rear electric drive powertrain power fuse
DF08	—	—
DF09	—	—
DF10	—	—
DF11	—	—
DF12	—	—
DF13	—	—
DF14	—	—
DF15	—	—
DF16	—	—
DF17	—	—
DF18	—	—
DF19	—	—
DF20	—	—
DF21	—	—
DF22	—	—

LOCATION DISTRIBUTION OF BATTERY FUSES



Fuse No.	Fuse specification	Fuse name
BF01	250A	To front compartment fuse box power supply
BF02	100A	To instrument panel fuse box power supply
BF03	60A	IPB system assembly power supply 1 fuse
BF04	60A	IPB system assembly power supply 2 fuse

WIPER BLADE

ENABLE THE WIPER MAINTENANCE FUNCTION

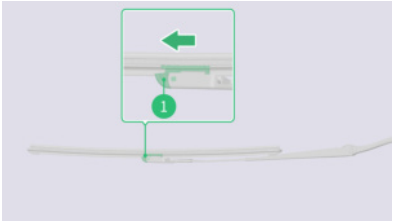
In the "Settings-System-Maintenance" interface of CID, you can tap to turn on or off the front wiper maintenance function.

After the function is turned on, the front wiper wipes to the maintenance position. After inspection and replacement, turn off the wiper maintenance function in the central control panel and return the wiper blade to its initial position.

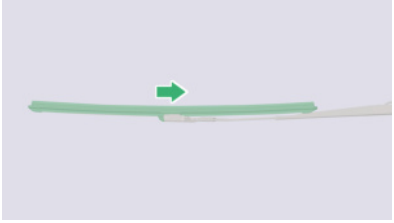
REPLACE THE FRONT WIPER BLADES

The steps for replacing the front wiper blade are as follows:

1. Enable the front wiper maintenance, and the front wiper blade runs to the middle position of the front windscreen and stops.
2. Lift the wiper arm to be replaced.



3. Press the lock buttons ① on both sides of the wiper blade and pull out the wiper blade in the direction of the arrow.



4. Push the new wiper blade hard in the direction shown in the figure until it clicks into place.
5. Reset the wiper arm to the front windscreen.
6. Turn off the wiper maintenance function in the central control panel and reset the wiper to its initial position.

ATTENTION

- After the wiper blade is replaced, please hold the wiper arm and slowly place it on the windscreen to avoid falling too fast and damaging the windscreen.
- Don't make the wipers come into contact with gasoline, kerosene, paint thinner or other solvents to avoid damages.
- Don't shake the wiper arms to avoid damaging the arms and other parts.
- If the wiper maintenance function in the central control panel is not turned off, the wiper cannot be used.

HEADLIGHTS

LAMP INSPECTION

The working condition of the external lights should be checked regularly. Damaged headlights will reduce the visibility of vehicles and their ability to send warning signals to other road participants, seriously affecting driving safety.

LAMP REPLACEMENT

The whole vehicle is equipped with LED bulbs, which cannot be replaced separately. Professional personnel are required to replace the corresponding assembly accessories. For replacement, please contact the authorised dealer.

WARNING

- It is prohibited to modify or install external lighting and signal devices.

LAMP FOGGING

Under certain humid conditions (such as high air humidity, car washing, etc.), the lampshade may be covered with a layer of fog or even a small amount of water droplets. This is caused by the temperature difference between the inside and outside air of the lamp, similar to the fogging of

windows on rainy days. It is a normal physical phenomenon and will not affect the function and service life of the lamp.

ATTENTION

- If there are a large number of water droplets or accumulated water in the lampshade, it is recommended to contact Leapmotor Service Centre or authorised service store for maintenance.

REGULAR MAINTENANCE

IMPORTANCE OF MAINTENANCE

Maintenance has two types, i.e., regular maintenance and routine maintenance. Please go to the Leapmotor Service Centre or authorised service store for regular maintenance, and daily maintenance is mainly performed by the driver. Timely regular maintenance of the vehicle is an essential link in the process of vehicle use.

Regular maintenance will help to prolong the service life of the vehicle and improve the driving safety of the vehicle. Failure to maintain the vehicle in accordance with the provisions may lead to excessive wear of some vehicle parts, decline of power performance, impact on driving safety, increase of economic expenditure and so on.

⚠ WARNING

- Do not continue to drive an uninspected vehicle, otherwise it may result in serious vehicle damage and personal injury.

MAINTENANCE LOCATION

You are recommended to go to the authorised dealer for maintenance.

MAINTENANCE CONTENT

Maintenance item		Content
traction battery	Battery box body	Check whether there is any irritating or burnt smell around the battery box.
	High/low-voltage connectors and ground harness	Check the high and low voltage connectors for cleanliness, corrosion, and damage, and ensure the connections are secure; check that the ground harness is firmly secured without any looseness.
	Battery box body and chassis bolts	Check the battery box (including the rear suspension beam) and the chassis bolts for proper torque, and check for corrosion and rust.
	Cleanliness of outside of lower box body	Check the lower case for signs of corrosion or deformation; check the bottom of the lower case for any scratches, corrosion, or breakage; remove dust from the case to maintain cleanliness.
	Box body air pressure balancing valve and water pipe interface	Check that the box air pressure balance valve is firmly secured without any damage; check the water pipe interfaces for any coolant leaks or deformation.
	Battery parameters	Check the status parameters (alarm information, fault information), SOC, temperature, cell voltage, Pack insulation resistance value, and software version.
	Battery pack positioning hole sealing plug	Check whether the battery pack positioning hole sealing plug is intact, detaching and loose.
	Battery pack nameplate and warning label	Check whether the battery pack nameplate and warning label are missing and detaching, and whether the information is complete.
Body, chassis and accessories	Exposed bolts and nuts	Check the torque of exposed bolts and nuts, and tighten them to the specified position.
	Brake pad	Check the wear of the brake pad, which is recommended to be replaced if its friction material thickness is less than 2mm, and shall be replaced directly if there is an alarm sound.
	Brake disc	Check the wear of the brake disc. It is recommended to replace the brake disc if its thickness is less than 23 (front)/8 (rear) mm.
	Brake hoses and tubes	Check the brake pipelines for oil leakage, damage, and loose connection.
	Brake fluid	Check the brake fluid capacity and add Leapmotor's DOT4 brake fluid if it is insufficient; the brake fluid must be replaced every 2 years or 40,000 kilometers (24,855 miles), especially in severe cases.
	Steering gear dust cover	Check the dust cover for damage or oil leakage.
	Drive shaft dust cover	Check the dust cover for damage or oil leakage.

Maintenance item		Content
	Door, hood and liftgate hinges	Check whether the fixing bolts are fastened and clean the dust; if they do not move smoothly, you need to oil them or increase the lubricating oil.
	Door check	Check whether the fixing bolts are fastened and clean the dust; if they do not move smoothly, you need to oil them or increase the lubricating oil.
	Charging port plate	Check whether there are stains in the charging port box, and clean dust and other debris.
	Tyre	Check whether the inflation pressure of tyres in cold state is normal: no-load (front/rear wheels): 250/250 kPa, full-load (front/rear wheels): 270/290 kPa. It is recommended to replace the tyre when it has been driven for 3 years or 40,000 km or the tread pattern depth is less than 3 mm. If abnormal wear, vehicle deviation or other abnormalities are found in the tyre, please check the wheel alignment.
	Door lid stop block and gas spring	Check and remove the dust.
	Coolant	Check the coolant level to ensure it is within the standard range. Add coolant if it is low. Replace the coolant every 5 years or 100,000km (62,137 miles), and make sure the newly added coolant matches the original specifications of the vehicle.
	Wiper blade	Check the wear and ageing of the wiper blades, and consider replacing them every 1 year.
Driving drive motor	Safety ground harness	Check the tightness of the safety ground harness.
	External part fixing bolts	Check the tightness of the fastening bolts for external accessories.
	Driving drive motor	Check the torque of the fastening bolts of the drive motor, the vent plug of the drive motor, and the oil leakage hole beneath the drive motor.
	Reducer	Check the joint surface of the reducer and the oil filler and draining bolts for oil leakage; check the torque of the reducer vent plug and the oil marks on the shell of the reducer output end.
	Position and temperature sensors	Test the position and temperature sensors, and measure their resistance and insulation resistance values.
	Reducer oil	Change the reducer oil every 4 years or 100,000 kilometers (62,317 miles).
	Filter	Replace the filter every 4 years or 100,000 kilometers (62,317 miles).
	Assembly housing	Clean and check the appearance housing of the driving motor; check whether the driving motor runs smoothly and makes abnormal noises when the vehicle is lifted without load and in driving state.

Maintenance item		Content
	Control unit fixing bolts and ground harness	Check the fastening of the drive motor control unit fixing bolts; Check the fastening of the ground harness.
	HV and LV wiring harnesses and connectors	Check whether the surface of the wiring harness/connector is intact and not damaged, firm and not loose, whether the surface of the wiring harness bellows is aged, cracked or falling off; whether the wiring harness terminal bolts are loose.
Thermal management	Water cooling system pipes	Check the water cooling system pipes for aging, deformation and leakage.
	Super integrated module	Check whether the buckle on the super integrated module harness plug-in is loose; check whether the super integrated module has leakage, whether the kettle has scale, whether the water pump works normally, and whether there is oily liquid leakage at the interface between the integrated module body and the refrigerant pipeline and valve parts.
	Cooling module	Check whether there is dirt or foreign matter on the surface of the radiator and clean it if necessary.
Vehicle electronics	Light, horn, wiper and washer	Check and confirm the light, horn, wiper and washer functions of the whole vehicle.
	Door and door latch	Check the function of doors and door latch, and adjust if necessary.
	Moving parts, connectors and harnesses	Check whether the moving parts interfere with the harnesses and are worn, whether the connectors are connected in place; whether the harnesses are fixed in place; and measure the insulation resistance value.
	Compressor	Test the insulation resistance value of the compressor; test the grounding resistance value of the ground cable of the compressor.
	A/C system	Check whether the A/C functions properly, and check for leakage and abnormal noises in the refrigerant, A/C pipelines, and compressor.
	A/C filter	It must be replaced every 2 years (to ensure good filtration effect, it is recommended to replace it every 1 year).
	Control unit software version	Check whether the control unit software version is the latest, and update if necessary.

For vehicles that frequently operate under the following harsh conditions, additional maintenance items or shorter maintenance intervals are required. Please contact the authorised dealer for details:

- Driving in high-dust environments such as construction sites and deserts.
- Driving in extremely cold (below 0°C) or hot (above 40°C) temperatures.
- Driving in wet conditions or frequently driving through water.
- Driving on roads with high salt or corrosive materials.
- Driving in mountainous conditions with frequent rapid acceleration and deceleration.
- Used as a taxi or engaged in other operational activities, or often used for special purposes such as high-load use.
- Engaged in racing or competitive activities.
- Additions or modifications without authorisation from Leapmotor.

NOTE

- The maintenance content is based on whichever comes first in terms of time or mileage.

TABLE OF MAINTENANCE INTERVALS

Maintenance interval	×1,000 kilometers (621 miles)	20	40	60	80	100	120	140	160	180	200
Maintenance item	Number of months	12	24	36	48	60	72	84	96	108	120
traction battery	Battery box body	J	J	J	J	J	J	J	J	J	J
	High/low-voltage connectors and ground harness	J	J	J	J	J	J	J	J	J	J
	Battery box body and chassis bolts	J	J	J	J	J	J	J	J	J	J
	Cleanliness of outside of lower box body	J	J	J	J	J	J	J	J	J	J
	Box body air pressure balancing valve and water pipe interface	J	J	J	J	J	J	J	J	J	J
	Battery parameters	J	J	J	J	J	J	J	J	J	J
	Battery pack positioning hole	J	J	J	J	J	J	J	J	J	J

Maintenance interval	×1,000 kilometers (621 miles)	20	40	60	80	100	120	140	160	180	200
Maintenance item	Number of months	12	24	36	48	60	72	84	96	108	120
	sealing plug										
	Battery pack nameplate and warning label	J	J	J	J	J	J	J	J	J	J
Body, chassis and accessories	Exposed bolts and nuts	J	J	J	J	J	J	J	J	J	J
	Brake pad	J	J	J	J	J	J	J	J	J	J
	Brake disc	J	J	J	J	J	J	J	J	J	J
	Brake hoses and tubes	J	J	J	J	J	J	J	J	J	J
	Brake fluid	Routine inspection for each maintenance; replacement every 2 years or 40,000 km (24,855 miles)									
	Steering gear dust cover	J	J	J	J	J	J	J	J	J	J
	Drive shaft dust cover	J	J	J	J	J	J	J	J	J	J
	Door, hood and liftgate hinges	J	J	J	J	J	J	J	J	J	J
	Door check	J	J	J	J	J	J	J	J	J	J
	Charging port plate	J	J	J	J	J	J	J	J	J	J

Maintenance interval	×1,000 kilometers (621 miles)	20	40	60	80	100	120	140	160	180	200
Maintenance item	Number of months	12	24	36	48	60	72	84	96	108	120
	Tyre	Please perform routine inspections for each maintenance; the recommended replacement cycle is every 3 years or 40,000 kilometers (24,855 miles), as appropriate									
	Door lid stop block and gas spring	J	J	J	J	J	J	J	J	J	J
	Coolant	Routine inspection for each maintenance; replacement every 5 years or 100,000 kilometers (62,317 miles)									
	Wiper blade	Please check during each maintenance; replace as needed									
Driving drive motor	Safety ground harness	J	J	J	J	J	J	J	J	J	J
	External part fixing bolts	J	J	J	J	J	J	J	J	J	J
	Driving drive motor	J	J	J	J	J	J	J	J	J	J
	Reducer	J	J	J	J	J	J	J	J	J	J
	Position and temperature sensors	J	J	J	J	J	J	J	J	J	J
	Reducer oil	Please check every maintenance; replace every 4 years or 100,000 kilometers (62,317 miles)									
	Filter	Please check every maintenance; replace every 4 years or 100,000 kilometers (62,317 miles)									
	Assembly housing	J	J	J	J	J	J	J	J	J	J
	Control unit fixing	J	J	J	J	J	J	J	J	J	J

Maintenance interval	×1,000 kilometers (621 miles)	20	40	60	80	100	120	140	160	180	200
Maintenance item	Number of months	12	24	36	48	60	72	84	96	108	120
	bolts and ground harness										
	HV and LV wiring harnesses and connectors	J	J	J	J	J	J	J	J	J	J
Thermal management	Water cooling system pipes	J	J	J	J	J	J	J	J	J	J
	Super integrated module	J	J	J	J	J	J	J	J	J	J
	Cooling module	J	J	J	J	J	J	J	J	J	J
Vehicle electronics	Light, horn, wiper and washer	J	J	J	J	J	J	J	J	J	J
	Door and door latch	J	J	J	J	J	J	J	J	J	J
	Moving parts, connectors and harnesses	J	J	J	J	J	J	J	J	J	J
	Compressor	J	J	J	J	J	J	J	J	J	J
	A/C system	J	J	J	J	J	J	J	J	J	J
	A/C filter	It must be replaced every 2 years (to ensure good filtration effect, it is recommended to replace it every 1 year).									

Maintenance interval	×1,000 kilometers (621 miles)	20	40	60	80	100	120	140	160	180	200
Maintenance item	Number of months	12	24	36	48	60	72	84	96	108	120
	Control unit software version	J	J	J	J	J	J	J	J	J	J

The meaning of codes in the table:

- J: "Check, adjust or add if necessary".

ATTENTION

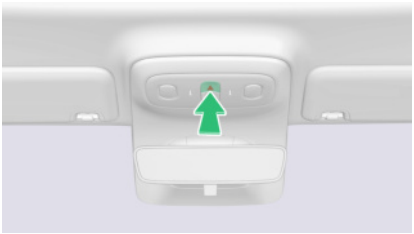
- It is recommended to perform vehicle maintenance according to the above maintenance schedule to keep the vehicle in optimal condition. If faults are caused by improper maintenance, Leapmotor will not assume the three-guarantee (repair, replacement, and refund) responsibility.

NOTE

- To keep the traction battery in best status, it's recommended to perform a full charge and discharge of the vehicle regularly (at least every 6 months or 7,000km). If the vehicle is not in use for a long period, use AC slow charging at least once a month and charge the battery to 100% to allow for self-calibration. For battery capacity test and calibration, you can go to the authorised dealer.
- The maintenance schedule is based on whichever comes first in terms of time or mileage.

EMERGENCY TREATMENT DEVICE

HAZARD WARNING LAMP SWITCH



The hazard warning light switch is located on the vehicle's front reading light control panel.

When the vehicle fails or is in a dangerous situation, press the hazard warning light switch, the red background light of the switch flashes, and the left and right turn signals and the left and right turn indicators in the instrument flash synchronously. Press the hazard warning light switch again, the red background light of the switch goes out, and the hazard warning light is turned off.

The hazard warning light should be turned on in the following situations:

- The vehicle breaks down due to a fault.
- When the vehicle is stuck in traffic on a highway or urban expressway and is at the end of the traffic flow.
- When the vehicle is towed.

WARNING

- If the hazard warning light does not work, other methods must be taken to attract the attention of other road participants to your vehicle. The methods used must comply with relevant traffic regulations.

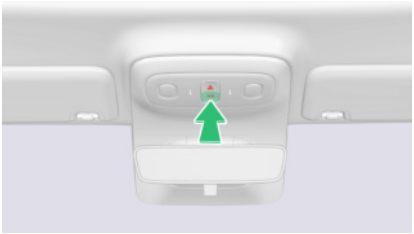
ECALL EMERGENCY ASSISTANCE*

When a vehicle has a traffic accident (frontal collision, side collision, rear collision, rollover, etc.) or the user presses the SOS button, the emergency rescue centre can be connected and the MSD (minimum data set) can be transmitted to the service centre through the voice dialing channel.

The service centre will contact the local 4S store, medical rescue centre, police station and other relevant agencies as soon as possible based on the relevant information of the vehicle and arrive at the scene of the accident for rescue.

ATTENTION

- The service centre with eCall function connectivity is not available in all areas.
- ECall needs to communicate via a cellular network.



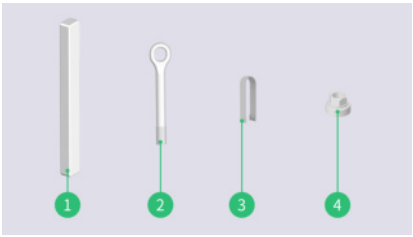
ECall will be automatically triggered when the airbag is detonated or the vehicle rolls over. In addition, the user can manually trigger it by pressing the SOS button on the roof (pressing the button for 2s to trigger eCall dialing).

NOTE

- The manual triggering of the eCall function can be used in the event of a serious accident or an emergency in the vehicle (e.g. sudden heart attack).

ATTACHED TOOLS

The onboard tools are placed under the boot carpet.



1. Warning triangle
2. Towing hook
3. Nut trim cover disassembly clamp
4. Anti-theft socket*

NOTE

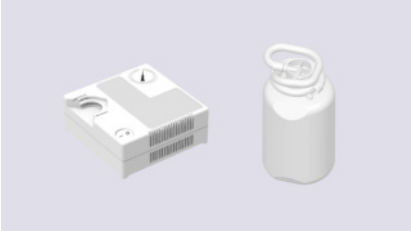
- In order to deal with various emergencies, you should be familiar with the placement and use of on-board tools. After use, it should be cleaned in time and put back to its original position.

TIRE REPAIR DEVICE

STATUS 1*



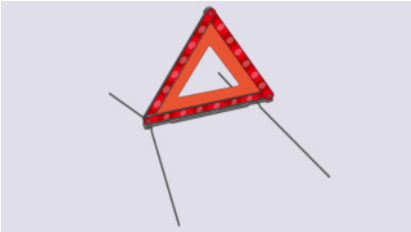
STATUS II*



NOTE

- For specific operations, please refer to the operating instructions on the tire repair device.

WARNING TRIANGLE



The warning triangle is located in the boot area. Take out the warning triangle and unfold it for use.

NOTE

- Please use the warning triangle correctly according to relevant national laws and regulations.
- On general roads, drivers should set up triangular warning signs 50m (daytime)/80m (nighttime) away from the direction of incoming vehicles, and on highways, they should set up triangular warning signs 150m away. Pay special attention to some special circumstances. For example, on rainy days or at corners, a triangular warning sign should be placed 150m away to remind the vehicles behind as soon as possible.

REFLECTIVE VEST



If you need to get off the car to check or deal with vehicle failures during driving, especially at night, you should take out the reflective vest from the glove box and wear it neatly before getting off the car to check and deal with vehicle failures in order to attract the attention of the following vehicles.

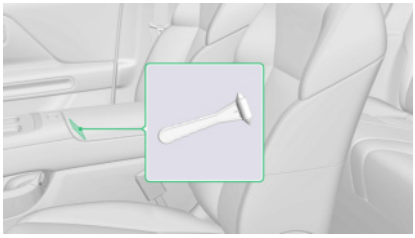
WARNING

- When handling vehicle accidents, regardless of the lighting conditions, be sure to wear a reflective vest as required to attract the attention of passers-by or other vehicle drivers.

NOTE

- After using the reflective vest, please store it properly in the glove box.
- If the reflective vest is damaged or seriously dirty, it is recommended that you replace it with a new one in time.

EMERGENCY HAMMER



A safety hammer is placed in the front center armrest storage box. When in an emergency (and the window glass cannot be raised or lowered), use a safety hammer to break the window and escape.

How to use the safety hammer:

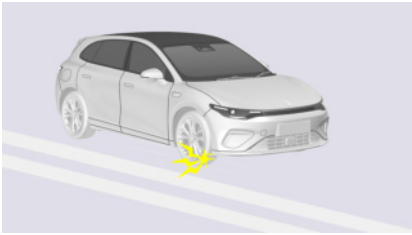
1. Find the fragile point on the edge of the car window.
2. Hold the hammer handle and hit the fragile point hard.
3. Repeatedly knock until the window breaks.

ATTENTION

- Use only in emergencies.
- Be careful to protect your own safety when knocking.
- The emergency hammer should always be positioned in an easily accessible location.
- Use the emergency hammer correctly to ensure safe travel.

INCIDENT HANDLING

TIRE BURST



When the vehicle is driving, if a tire blowout occurs, you should hold the steering wheel tightly with both hands and lightly step on the brake pedal to slow down the vehicle and drive it straight in the original direction. After slowly driving to a safe position, stop and wait for rescue.

WARNING

- Don't forcefully slam the brake pedal, otherwise the vehicle may lose its centre of gravity and lose control or roll over.
- Turn on the hazard warning lamps in a timely manner, and place a warning triangle at the rear of the vehicle as required to alert vehicles to avoid danger.

TYRE LEAKAGE

STATUS 1*

If the vehicle tyre is found to be leaking during driving, the vehicle should be parked in a safe position and the tyre should be inflated or replaced in time as needed to eliminate driving safety hazards.

Temporary inflation of flat tyres

In case of tyre leakage, the air pump delivered with the vehicle can be used for temporary inflation.

1. Take out the inflator pump from the boot.
2. Remove the tyre valve cap. Screw the rubber hose connector of the inflator pump onto the tyre nozzle.
3. Open the 12V power supply cover located at the rear end of the front center lower storage box, plug the power connector into the on-board 12V power supply, and start the vehicle.

4. Turn on the inflator pump switch button to start inflating the tyre. When the inflation reaches the standard value, turn off the power supply, disconnect the rubber hose of the inflator pump from the valve, screw on the valve cap, pull out the power connector, and place the inflator pump in its original position.
5. Start the vehicle and drive it for 3~5km (2~3mile) at a speed of 30km/h (19mile/h).
6. Park the vehicle in a safe area and connect the rubber hose of the air pump to the valve again. Observe the air pressure value. If there is a significant drop, perform the inflation operation again.

The air pump cannot be used to deal with tyre leaks in the following situations:

- Tyre damage.
- The tyre side is damaged.
- The wound surface pierced by a sharp object is larger than 6mm.
- The hub is damaged.

WARNING

- After inflating with an air pump, you should go to a Leapmotor service centre or authorised store for inspection and repair as soon as possible or go to a professional tyre repair shop for repair.
- Do not continue driving when the tyre pressure is too low to avoid accidents and personal injury.

STATUS II*

If the vehicle tyre is found to be leaking during driving, the vehicle should be parked in a safe position and the tyre should be repaired and inflated or replaced in time as needed to eliminate driving safety hazards.

Temporary repair of flat tyres

In case of a flat tyre, the tyre repair kit assembly delivered with the vehicle can be used for temporary repair.

1. Take out the inflator and tire sealant from the trunk. Shake the tire repair fluid tank for more than 30 seconds, connect the inflator pump rubber tube to the tire repair fluid tank joint, and insert the tire repair fluid tank into the corresponding structure of the inflator pump.
2. Remove the tyre valve cap. Screw the tyre repair fluid tank connecting pipe onto the tyre valve.
3. Open the 12V power supply cover located at the rear end of the front center lower storage box, plug the power connector into the on-board 12V power supply, and start the vehicle.
4. Turn on the inflation pump switch button and start injecting tyre repair fluid into the tyre. When the tyre is inflated to the standard value, turn off the power and screw on the valve cap. Disconnect the corresponding connections of tire sealant rubber hose, inflator pump rubber hose and power connector in turn and place them in their original positions.
5. Start the vehicle and drive it for 5 km (3 mile) at a speed of 30 km/h (19 mile/h).
6. Park the vehicle in a safe area and connect the inflation tube to the tyre again. Observe the air pressure value. If there is a significant drop, perform the inflation operation again.

WARNING

- After using tyre repair fluid to repair the tyre, you should go to a Leapmotor service centre or authorised store for inspection as soon as possible or go to a professional tyre repair shop for repair.

NOTE

- The driving speed cannot exceed 80km/h (50mile/h) after the tire is repaired with tire sealant.

VEHICLE TRAPPED

If the vehicle is stuck in soft roads such as sand, mud or snow, you can follow the steps below to get out of the pit:

1. Turn the steering wheel from side to side to clear a path around the front wheels, removing any mud, snow, or sand trapped in the tyre treads.
2. Place wooden blocks, stones, or other materials to improve tyre friction.
3. Start the vehicle and accelerate carefully to get the vehicle out of the trap.

ATTENTION

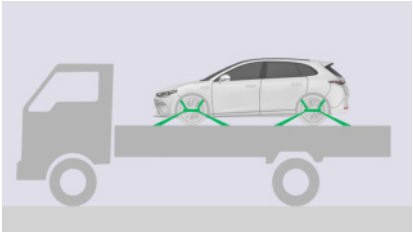
- During the acceleration process, personnel can push the vehicle forward and backward to get the vehicle out of the pit. Moreover, ensure that the surrounding area is spacious and clear to avoid knocking into other vehicles, objects or people. When the vehicle is about to get out of the pit, it may suddenly accelerate sharply forward or backward. Please observe the conditions around the vehicle.
- If the vehicle still fails to get out of the pit after several attempts, a trailer will be required for rescue.

VEHICLE TOWING

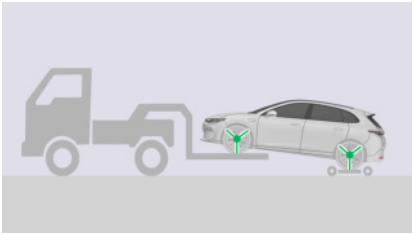
If the vehicle needs to be towed, it should be towed by the corresponding Leapmotor service centre or authorised service store or professional towing company.

If a vehicle is to be towed due to fault, a flat-bed trailer is preferred, as having the vehicle's front or rear wheels on the ground may cause damage to some high-voltage components.

Flat-bed trailer



Wheel lift trailer



If a vehicle is towed from the front of the vehicle with a wheel lift trailer, a towing trolley should be used under the rear wheels.

NOTE

- All towing operations must utilise a safety chain system and comply with relevant national/provincial (municipal) and local statutory regulations as well as industry standards.

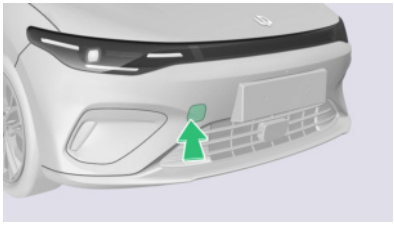
EMERGENCY TRACTION

If a platform trailer or wheel-lift trailer cannot be realised in an emergency, the vehicle can be temporarily towed by fastening the trailer cable or trailer chain in the front towing hook of the vehicle. This method is only suitable for low speed and short distance traction on solid and flat roads.

Front traction

Front towing hook installation method:

1. Take out the towing hook from the boot.



2. Press the lower right position of the front tow hook cover located at the lower right side of the front of the vehicle to open the tow hook cover.



3. Screw the towing hook clockwise into the mounting hole and tighten it.

WARNING

- Ensure that the towing hook is tightened when installing it on the vehicle. If the towing hook is loose, it may detaching during

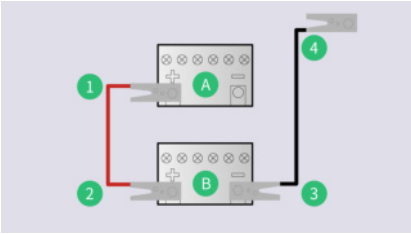
towing, causing serious personal injury or damage to the vehicle.
- If the vehicle is stuck in silt or sand, or if it needs to be pulled out with a tow hook due to other circumstances, please ensure that the above precautions are followed. Otherwise, due to excessive force applied, the trailer cable may break, causing serious personal injury and vehicle damage.
- The emergency towing method is only suitable for temporarily getting out of trouble or towing the vehicle to a flatbed trailer in an emergency.

ATTENTION

- Before towing, check whether the towing hook is broken or damaged.
- During towing, try to maintain straight traction. Don't tow the vehicle from the side or at a vertical angle to avoid damaging the towing hook.
- Don't jerk the towing hook. The force should be applied smoothly and evenly.
- If the towing vehicle is difficult to move, please do not continue to forcibly tow it. You should contact the Leapmotor Service Centre or authorised service store.

JUMP START

If the vehicle cannot be started normally due to battery undervoltage, it can be started by connecting a jumper cable to the battery of another vehicle.



When connecting the batteries of two vehicles, you must first connect the positive terminal and then the negative terminal:
1. Find the battery installation position and clean the battery terminal with a dry rag.
2. Connect end ① of the red cable to the positive pole (+) of the power-deficient battery "A" and the other end ② to the positive pole (+) of the power supply battery "B".
3. Connect end ③ of the black cable to the negative pole (-) of the power supply battery "B" and firmly connect the other end ④ to the metal parts of the vehicle with low power.
4. Start the vehicle with power supply battery, then start the vehicle with low-voltage battery until the vehicle is normally powered on, and remove the jumper cable in reverse order.

WARNING

- Before starting to work on the battery, be sure to carefully read and comply with the safety warning instructions related to battery operation. Improper operation is very likely to cause casualties.
- Do not expose the battery to open flames to prevent explosion.
- The battery and its related accessories contain lead, which is toxic. Wash your hands after touching the battery and take protective measures.
- Avoid contact with battery fluid. If battery electrolyte accidentally comes into contact with eyes, skin, fabrics or painted surfaces, the affected area should be immediately rinsed with clean water. If it accidentally enters the eyes, please seek medical attention immediately after rinsing.

ATTENTION

- To avoid damaging the vehicle, do not allow the positive cable to contact other metal components.
- Try to start the vehicle with a power-deficient battery. If it fails to start after several attempts, the vehicle is likely to need repair. It is recommended to send the car to the Leapmotor Service Centre or authorised service store for inspection and repair. Pay special attention to the fact that during jump starting, it is forbidden to overlap the negative poles of the batteries.
- When starting the vehicle through a jumper cable, please do not let the two vehicles touch each other. Otherwise, once the positive poles of the low-voltage batteries of the two vehicles are connected, the current

may be immediately conducted, causing damage to the vehicle.
- Before removing the jumper cable, make sure that the headlights are turned off.
- Turn off the vehicle's electrical equipment (such as blowers, entertainment systems, etc.) and reduce the voltage load generated when connecting cables.
- The voltage of the power supply battery must be the same as that of the low-power battery, and the capacity of the two batteries should also be as similar as possible.
- When starting the vehicle with a jumper cable, it is strictly forbidden to connect the vehicle to external equipment.

EMERGENCY RESPONSE PLAN

FIRE EMERGENCY RESPONSE

After the vehicle catches fire, it shall be handled as follows:

1. After the vehicle catches fire, pull over immediately and turn off all power systems of the vehicle.
2. Verify that the fire site is located at the vehicle. After an open flame breaks out, it is forbidden to touch the fire source with your hands to avoid burns. It is strictly forbidden to use conductive objects such as water sources to extinguish the fire to prevent electric shock or secondary damage to the system in the car.
3. Aim at the bottom of the fire and the gaps in the vehicle with a fire extinguisher, or cover the fire source with soil and sand on the roadside to isolate the ignition point from the air.
4. Make a correct judgement on the danger of the fire, abandon the vehicle if necessary, and keep a sufficient safe distance.

⚠ WARNING

- The battery may explode when the vehicle spontaneously ignites. Once the fire becomes uncontrollable, please evacuate the scene immediately and call the police.
- Do not touch any part of the vehicle directly. Professional rescue personnel should wear correct protective equipment to operate it. The trapped passengers in the vehicle should be evacuated according to the guidance of professional rescue personnel.
- Provided the safety of people is guaranteed, control the fire as soon as possible to avoid complete combustion of the vehicle, leading to damage to surrounding vehicles or facilities.
- The gas generator in the airbag may expand due to heat and explode in a high temperature environment. Please be careful before operating to avoid personal injury.
- If a fire occurs in the vehicle that does not involve the power battery, a fire extinguisher can be used to put out the fire. If the vehicle power battery area catches fire, a large amount of continuous fire water should be used to cool it down, and the temperature of the battery area should be monitored to prevent re-ignition. After ensuring that the battery no longer heats up, store the vehicle on an open flat ground and set up a safety zone with a radius of about 15m to prevent unauthorized personnel from contacting the vehicle.
- After taking cooling measures for the power battery on fire, be alert to the risk of re-ignition of the power battery to avoid danger during transportation.
- After fire extinguishing, please contact the authorised dealer for handling. Don't touch the vehicle recklessly after a fire incident to prevent incidents such as electric shocks and burns.

To prevent vehicle fires in a timely and effective manner, the following precautions should be taken during use:

- Don't store inflammables or explosives in the vehicle. In hot summer, if lighters, cleaner, perfume and other inflammables & explosives are stored on the vehicle, it is very likely to cause fires or even explosions.
- Don't change vehicle wiring or install additional electrical components. The installation of other electrical appliances (such as high-power audio, etc.) will cause excessive line load, and the wiring harness is prone to heat and fire.
- It is strictly prohibited to replace fuses with new fuses or other metal wires that exceed the rated specifications of electrical appliances.

You are recommended to go to an authorised dealer for the following checks:

- Regularly check for oil leakage, and clean up the grease and oil stains on the motor in time to avoid fire caused by volatilization of grease and oil stains under high temperature conditions.

- Regularly check whether the connectors, insulation, and fixed positions of the entire vehicle's wiring, electrical appliances and wiring harnesses are normal. If any problems are found, they should be promptly handled.

It is recommended to equip the car with a fire extinguisher and master how to use it.

- To ensure driving safety, vehicle-mounted fire extinguishers can be equipped and regularly inspected and replaced.

Driving precautions:

- Since the vehicle has a low chassis, it shouldn't be driven on hollow and bumpy roads as much as possible to avoid knocking the chassis and squeezing the traction battery pack. Otherwise, the traction battery may catch fire due to severe compression.
- In the process of driving, the vehicle should avoid sections with inflammables such as dry leaves, wheat straw and weeds, or stop in a timely manner after passing such sections to check if there are any inflammables attached to the bottom of the vehicle.
- Vehicles should be parked away from areas exposed to direct sunlight as much as possible.

EMERGENCY RESPONSE TO DRIVING THROUGH WATER

The following precautions should be taken before driving through water:

1. Determine the depth of water before wading. The maximum depth shall not exceed the lower edge of the vehicle body.
2. The vehicle should pass through waterlogged roads at a low speed, and under no circumstances should it park or reverse in the water.

If the vehicle is flooded in wading, the following steps should be followed:

1. After driving the vehicle away from the waterlogged area, park it in a safe place and check whether there is water inside. If so, please dispose of the accumulated water inside the vehicle.
2. If the vehicle can continue to drive, drive the vehicle to the authorised dealer for troubleshooting. If the vehicle cannot continue to drive, it is recommended to contact Leapmotor for rescue.
3. If the vehicle fails to leave the waterlogged area, please immediately cut off the power supply.
4. If possible, disconnect the negative terminal of the battery.
5. In the event of severe vehicle submersion, all occupants must evacuate to a safe location immediately.

After wading, the following checks should be made immediately when the vehicle is safe:

1. Gently depress the brake pedal to dry the brake and verify its proper functioning.
2. Check if the horn functions well.
3. Rotate the steering wheel to verify the proper operation of the power steering system.
4. Check if the external lights function properly.

⚠ WARNING

- Professional rescuers need to wear appropriate rescue protective equipment when dealing with flooded vehicles, first pull the vehicle out of the water, and then cut off the high-voltage circuit normally.
- Don't touch a water soaked vehicle without wearing rescue protective equipment to prevent electric shocks.
- After the vehicle is dragged or soaked in water, it is recommended to contact the Leapmotor Service Centre or authorised service store for inspection to avoid personal injury or vehicle damage caused by mechanical damage or high-voltage safety of the power battery.

⚠ ATTENTION

- Don't drive on road sections with unknown water depth to avoid damaging electrical parts.
- Don't drive in salt-laden water logged sections to avoid corrosion of the body.
- Do not drive in water for a long time to avoid damaging the vehicle.

CHARGING EMERGENCY HANDLING

During charging, if the central control screen displays an error message, please pull out the charging gun. If necessary, it is recommended to contact the Leapmotor Service Centre or

authorised service store for repair as soon as possible.

If the vehicle is in the DC fast charging state of the charging station, and there is smoke, odour, or internal abnormal phenomenon at the charging port, please press the emergency stop button on the fast-charging pile in a timely manner to stop charging, evacuate personnel around the vehicle, and handle it according to relevant on-site procedures.

If the charging port is damp in the process of charging, on the premise of guaranteeing safety, please disconnect the power supply first, then disconnect the plug at the power supply end, and then unplug the charger at the vehicle end. If necessary, please wear insulating gloves and contact the authorised dealer for maintenance as soon as possible.

Before charging, please check whether the surface and shell of the charging cable are damaged. It is forbidden to use a damaged charging cable.

In the event of sudden adverse weather conditions (such as high winds, rain, snow, or thunderstorms) during the charging process, promptly inspect the charger to ensure it remains securely connected and in a dry condition. If necessary, stop charging.

WARNING

- When operating the vehicle, please make sure that you do not carry any metal products (such as necklaces and watches) on your body to prevent electric shock accidents.

EMERGENCY TREATMENT OF POWER BATTERY LEAKAGE

When the power battery fluid leaks, it will seriously affect the safety of the battery and even cause a fire. Please do not approach the vehicle with power battery fluid leakage. It is recommended to contact the Leapmotor Service Centre or authorised service store immediately for processing.

The treatment of power battery liquid leakage should be operated by professional rescue personnel, and they must wear protective masks and solvent isolation gloves. Do not touch the liquid directly.

WARNING

- When the power battery liquid leaks, avoid skin and eyes from contacting the liquid. In case of contact, wash with plenty of water and seek medical attention immediately. No person or animal shall swallow any component of the battery or any substance contained in the battery.

NOTE

- Do not discard leaked liquid in water, soil and other environments at will.

IMPORTANT INFORMATION

When a disaster or accident occurs to the Leapmotor, rescuers should understand the location of high-voltage components in detail according to the information indicated in this manual. When operating the vehicle, you should first check the high-voltage cables or components with high-voltage warning signs marked in orange, as well as low-voltage cables or components, and check the relevant markings.

According to the status and location of the accident vehicle, reasonable methods should be adopted to use equipment such as support rods to effectively fix the vehicle body, create safe working conditions, and effectively prevent the vehicle from moving.

When dealing with fire accidents, rescue personnel should wear a full set of personal protective equipment and respiratory protection equipment.

When dealing with collision and wading accidents, rescuers should wear a full set of electrical insulation equipment, and they should also wear the required personal protective equipment when rescuing in water areas.

The damage to the power battery and high-voltage system of the accident vehicle should be judged through external observation and instrument monitoring, the risk factors and consequences of explosion and combustion that may be caused by the power battery should be evaluated, and preparations for accident rescue should be made.

The warning range should be determined according to the detection situation and warning signs should be set.

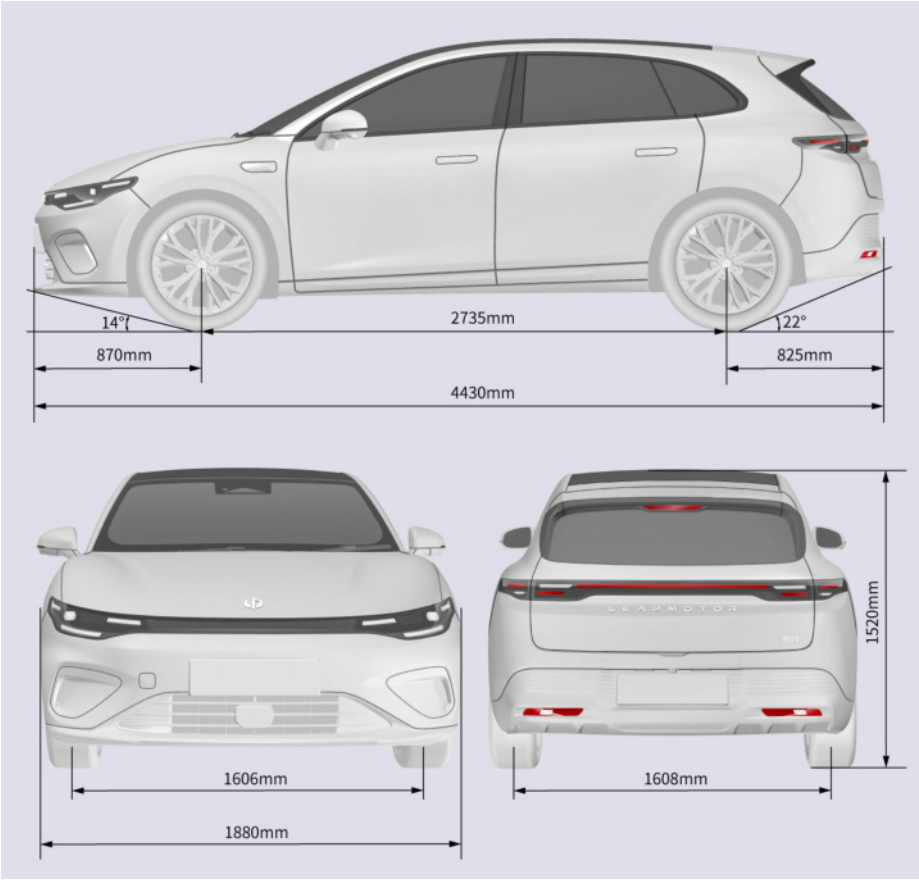
A work area should be set up within 10m around the accident vehicle, and unrelated vehicles, personnel and ships are prohibited from entering. Set up an operation area within 5m, and only rescue personnel directly responsible for treating or rescuing trapped people are allowed to enter.

Flammable and toxic gases should be continuously monitored, the temperature of the power battery part of the accident vehicle should be monitored, and the warning range should be adjusted in time.

When liquids other than electrolyte overflow from the vehicle, they should be disposed of in accordance with traditional vehicle disposal methods. In the event of electrolyte leakage, a full set of personal protective equipment (including respiratory protection) should be worn. If possible, electrolyte should be collected as much as possible to prevent it from polluting the environment.

PRODUCT INFORMATION

BASIC PARAMETERS OF VEHICLE



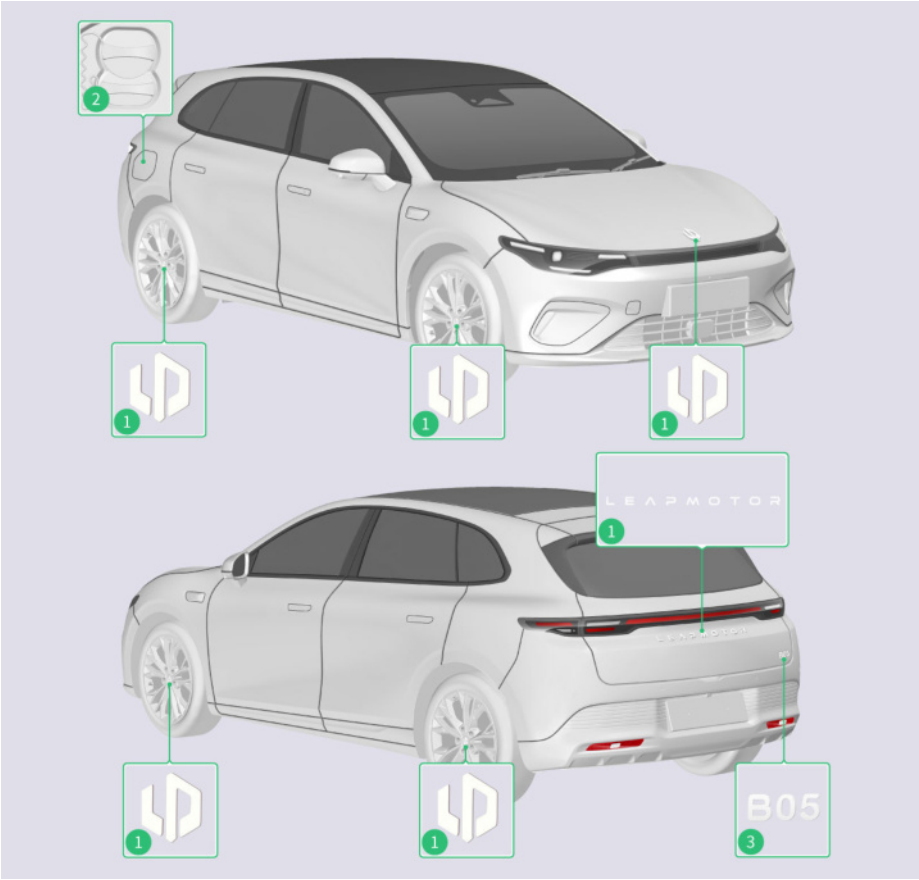
Item		Parameter	
Product model		B05	
Overall dimensions (mm)	Length	4430	4430
	Width	1880	1880
	High	1520	1520
Wheel base (mm)		2735	2735
Maximum allowed total mass (kg)		2138	2225
Rated passenger capacity (person)		5	5

Note: The exterior rearview mirror is not included in the overall dimensions of the vehicle.

PRODUCER INFORMATION

Item	Information
Manufacturer name	Leapmotor Automobile Co., Ltd.
Website	https://www.leapmotor.net/assistance

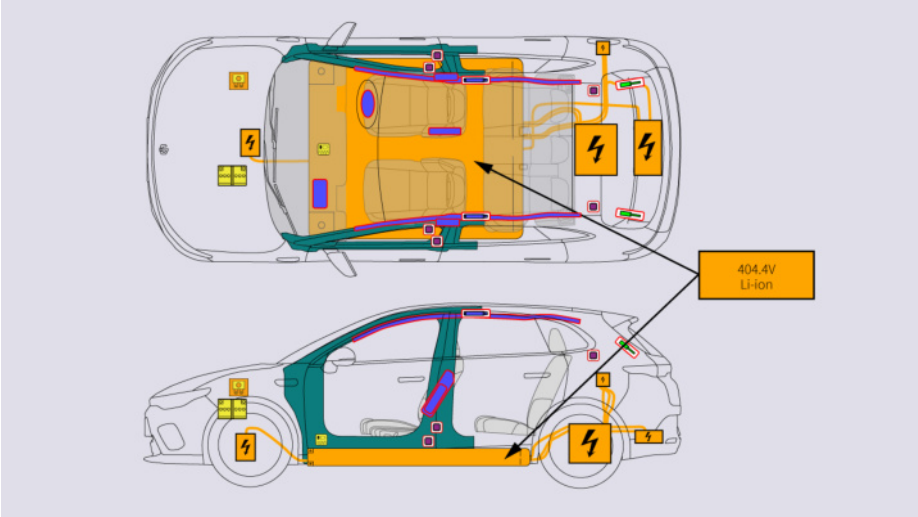
APPEARANCE IDENTIFICATION INFORMATION



1. Brand LOGO: The brand logo is located at the front, rear and wheel centre of the vehicle, which can be identified as an electric vehicle brand.
2. Charging port identification: The charging port is located at the rear right side of the vehicle. After the charging port cover is opened, it can be clearly judged as a charging port.
3. Vehicle model: The vehicle model is located at the rear of the vehicle and can be identified as an electric vehicle brand.

POWERTRAIN INFORMATION

RESCUE INFORMATION



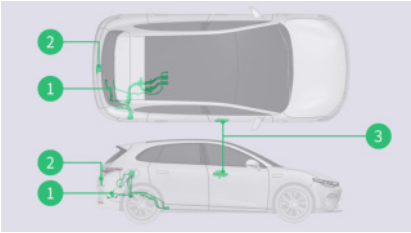
	Airbag		Stored gas inflator		Seat belt pretensioner
	SRS control unit		Battery low pressure		High voltage power cable
	High strength zone		High-voltage component		Battery pack, high voltage
	Fuse box that disables high voltage		Pneumatic support/ preload spring		

POWER SYSTEM PARAMETERS

For power system parameters, please refer to the "Technical Information-Technical Parameters-Power Battery Technical Parameters" section.

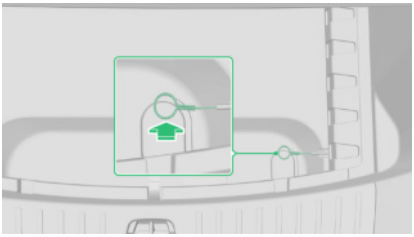
EMERGENCY DEVICE INFORMATION

DISTRIBUTION OF EMERGENCY DEVICES



1. AC slow charging/DC fast charging emergency unlocking device
2. Trunk lid emergency unlocking device
3. Mechanical key emergency unlocking/locking device

AC SLOW CHARGING/DC FAST CHARGING EMERGENCY UNLOCKING



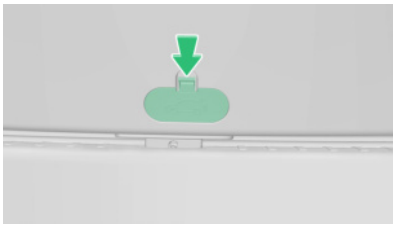
When the vehicle is charging, if the charging gun cannot be pulled out after multiple unlockings, you can try to unlock the charging gun in an emergency:

1. Open the back door and take out the boot cover and tool box.
2. Find the emergency unlocking mechanical cable of the charging gun, pull the unlocking cable, and try to pull out the charging gun.

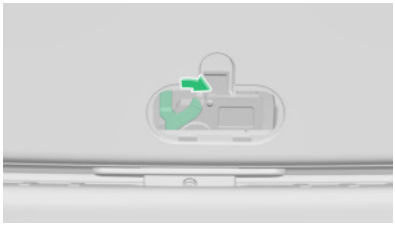
EMERGENCY UNLOCKING OF TRUNK LID

When the back door cannot be opened normally, it can be opened urgently from inside the car.

1. Pull the rear seat backrest lock switch, flip the rear seat backrest forward and enter the boot area.



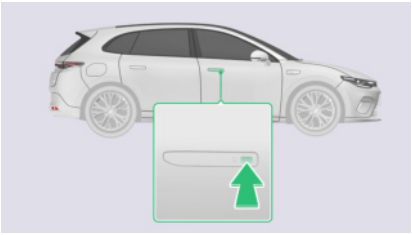
2. Remove the tailgate upper emergency switch trim cover.



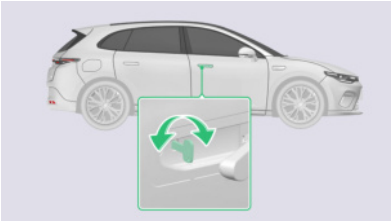
3. Turn the back door lock emergency switch clockwise to unlock the back door and push it outward.

DOOR UNLOCKING/LOCKING WITH MECHANICAL KEY

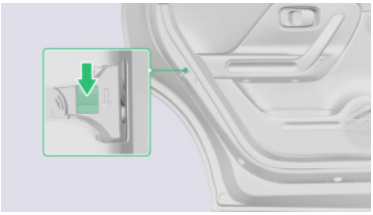
When the door cannot be unlocked/locked with NFC key/Bluetooth key, the mechanical key can be used to unlock/lock the door.



1. Manually press the front end of the driver's side door handle and unfold the handle until the mechanical lock cylinder is exposed.



2. Insert the mechanical key into the lock cylinder.
   - Turn the key counterclockwise to unlock the driver's door.
   - Turn the key clockwise to lock the driver's door.



3. If other doors need to be locked, the shift block in the door lock body can be moved downwards, and the doors can be locked after closing.

ATTENTION

- In extremely cold weather, when using a mechanical key to open the car door, if the key cannot be returned to its original position, please do not forcibly remove the key. It is recommended to contact the Leapmotor Service Centre or authorised service store.

SAFETY SIGN INFORMATION

S/N	Name of safety sign	Pattern of Safety Signs	Interpretation of safety signs
1	Warning sign with high voltage		Do not touch high-voltage components. Danger!
2	High voltage warning sign of drive motor		High-voltage components, beware of danger. Do not touch high-voltage components without wearing protective equipment to prevent electric shock!
3	Traction battery high voltage warning sign		High-voltage components, beware of danger. Do not touch high-voltage components without wearing protective equipment to prevent electric shock!
4	HV wiring harness identification		The high-voltage components of the vehicle are connected with orange high-voltage wiring harnesses. Do not touch the high-voltage components without wearing protective equipment to prevent electric shock!

EMERGENCY RESCUE AND DISPOSAL PROCEDURES

EMERGENCY RESCUE TOOLS

Emergency rescue tools mainly include emergency rescue materials, emergency rescue emergency tools, emergency rescue warning supplies, emergency rescue demolition tools, emergency rescue medicines, etc.

The vehicle power system is driven by a power battery, which may cause high-voltage leakage or battery fluid leakage in the event of a serious collision accident. Therefore, when performing rescue operations on the vehicle, professional rescue personnel should operate and wear corresponding protective devices to ensure personal safety. Protective devices are mainly divided into electrical protection and chemical protection. Electrical protection to avoid high-voltage electric shock injuries mainly includes rubber insulating gloves, goggles, insulating rubber shoes, tools with insulating protective covers, etc. Chemical protection in the event of battery leakage mainly includes protective masks and solvent-insulated gloves.

For more information, please refer to professional guidance. Rescuers must follow relevant safety information.

PARKING OPERATION

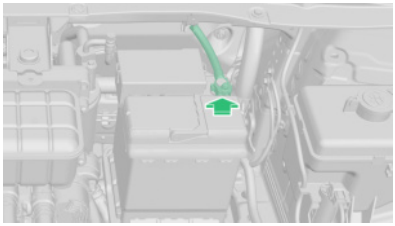


1. Depress the brake pedal while driving until the vehicle stops smoothly.
2. When the gearshift lever is shifted to "P" position, the EPB indicator Ⓟ in the instrument cluster will illuminate. At this time, release the brake pedal and the vehicle stops.

HV CUT-OFF PROCEDURE

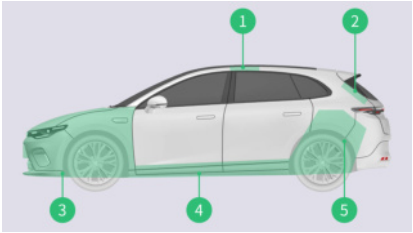
The high voltage power supply of the vehicle can be disconnected by the following steps:

1. In the "System-Maintenance" interface of the central control panel, touch "Power off for maintenance" to turn off the power supply of the whole vehicle.



2. Open the front engine hood and disconnect the battery negative cable.

NON-CUTTABLE PARTS OF VEHICLE



It is recommended to use modern high-performance shears for cutting the car body, and it must be operated by professionally trained rescue personnel.

1. Side curtain airbag area
   When it comes to side air curtain gas cylinders, cutting is prohibited.
2. Trunk lid stay bar area
   When it comes to the back door support rod, cutting is prohibited.
3. Front compartment area
   Cutting is prohibited when it involves high temperature and high voltage areas of the vehicle, high-voltage wiring harnesses, etc.
4. Threshold area (below the floor)
   Cutting is prohibited when it involves the power battery area.
5. Rear floor area

Cutting is prohibited in areas involving electric drive and high-voltage wiring harnesses.

WARNING

- Before cutting, the negative pole of the battery must be disconnected.
- When cutting, it is forbidden to cut the power battery.
- When cutting, it is forbidden to cut the orange high-voltage wiring harness.
- Always use suitable tools such as hydraulic cutters and wear appropriate personal protective equipment. Failure to follow these instructions may result in serious personal injury.
- Ensure that all high voltage components are de-energized. Cutting, crushing or touching high-voltage components can cause serious personal injury.

VEHICLE WADING RESCUE

It is recommended not to drive the vehicle through water for a long time, otherwise it will easily cause damage to the high-voltage components of the vehicle.

1. Rescuers should first identify the vehicle, investigate the environmental conditions, understand the high-voltage system structure of new energy vehicles, and determine the rescue plan after evaluation.
2. Rescuers should do a good job of electrical insulation protection and wear water protective equipment for wading rescue.
3. Fix the vehicle and cut off the power supply before rescue.
4. Personnel search and rescue.
   - Analyze the on-site situation, fully consider the possible dangerous factors in the rescue process, and determine the rescue plan.
   - Break the car window or open the door to rescue the people in the car.
   - After the people in distress are rescued, they will be handed over to medical emergency personnel for rescue.
5. Dispose of vehicles and clean up the site.
   - Avoid contact with high-voltage components, cables or power-off switches.
   - Vehicle salvage should be carried out by qualified institutions according to the requirements of vehicle water rescue. After the vehicle is salvaged to the road surface, electrical insulation protection should be done to prevent electric shock.

VEHICLE FIRE RESCUE

Please operate the vehicle according to the following methods based on actual conditions:

1. Disconnect the high voltage of the vehicle and disconnect the vehicle battery if conditions permit.
2. If the fire on site is large and spreads quickly, stay away from vehicles immediately and contact local fire and rescue departments.
3. If the vehicle power battery area catches fire, professional rescue personnel shall wear correct protective equipment to operate it, and trapped passengers in the vehicle shall be evacuated according to the guidance of professional rescue personnel. Then use a large amount of continuous fire water to cool down and monitor the battery area temperature to prevent re-ignition. After ensuring that the battery no longer heats up, store the vehicle on an open flat ground and set up a safety zone with a radius of about 15m to prevent unauthorized personnel from contacting the vehicle.
4. The gas generator in the airbag may expand due to heat and explode in a high temperature environment. Please be careful before operating to avoid personal injury.

ATTENTION

- Use water or a fire extinguisher to cool down and put out the fire. Do not use dry powder fire extinguishers.
- When the power battery is subjected to special circumstances such as collision, puncture, and extrusion by other objects, even if there are no special circumstances such as leakage, smoke, or fire in the power battery, you must stay away from the vehicle in time and contact the Leapmotor Service Centre or authorised service store for processing.

RESCUE FOR POWER BATTERY LEAKAGE

If the power battery leaks, has a pungent smell, smokes and other abnormal phenomena after a vehicle collision, please simply handle it according to the following methods:

1. Disconnect the high voltage power supply of the vehicle, and disconnect the battery if conditions permit.
2. Immediately contact the Leapmotor Service Centre or authorised service store for rescue.

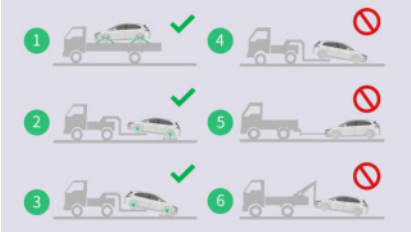
WARNING

- When the power battery fluid leaks, it will seriously affect the safety of the battery and even cause a fire. Please do not approach vehicles with power battery fluid leakage.
- The treatment of power battery liquid leakage should be operated by professional rescue personnel, and they must wear protective masks and solvent isolation gloves. Do not touch the liquid directly.
- When the power battery liquid leaks, avoid skin and eyes from contacting the liquid. In case of contact, wash with plenty of water and seek medical attention immediately. No person or animal shall swallow any component of the battery or any substance contained in the battery.

ECO

- Do not discard leaked liquid in water, soil and other environments at will.

EVACUATE THE SITE AFTER AN ACCIDENT



After the accident, if the vehicle cannot start normally, it is recommended to evacuate the scene by trailering as shown in Figures ①②③.

Precautions for vehicle towing:

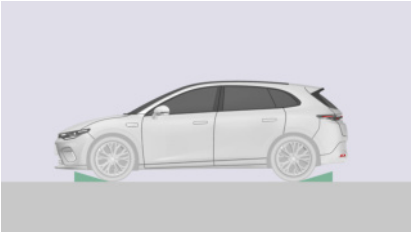
- When the vehicle needs to be towed, it should be towed by a professional towing company.
- It is recommended to tow the vehicle with a flatbed truck. If the conditions are not sufficient, the vehicle can also be towed by a wheel-lifting cargo truck as needed.
- The towing method shown in Figures ①②③ must be used, and the towing method shown in Figures ④⑤⑥ is prohibited. Towing method ②③ can only be towed in a straight line or for short distances on roads without sharp turns.
- During the towing process, no one is allowed to stay in the vehicle.

ATTENTION

- For long-distance transportation, trailers are used①.
- When the towing vehicle cannot enter for rescue, other vehicles can be used for towing and rescue. When the vehicle is powered off from high voltage, shift to "N" gear and release the parking brake. The traction speed is lower than 30 km/h (19 mile/h), and the single traction distance is less than 2 km (the interval between each traction is more than 5 minutes). After the vehicle is towed to a position where the towing vehicle can enter for rescue, it needs to be towed by trailer ①.
- If it is impossible to use a platform truck to tow the vehicle normally, you can use a rigid connection method to urgently tow the vehicle to a safe area and wait for rescue.
- When rigid towing is used, long-distance towing shall be avoided and the towing speed shall not exceed 5 km/h (3 mile/h).
- The vehicle can only be towed away from the scene under the premise of ensuring that there is no safety risk. If the vehicle's battery pack is deformed, leaking, or smoking, the safety risk should be addressed first.

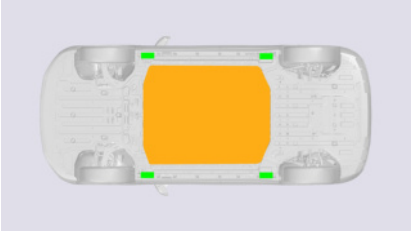
OTHER INFORMATION

VEHICLE FIXATION



After the vehicle is parked, wedges are placed in front and behind the four wheels to effectively prevent the vehicle from moving accidentally.

VEHICLE LIFTING



Safe lifting point

Traction battery

ATTENTION

- When using lifting equipment such as lifts or jacks to lift the vehicle, a safe lifting point should be selected as the support point to avoid damaging the vehicle.

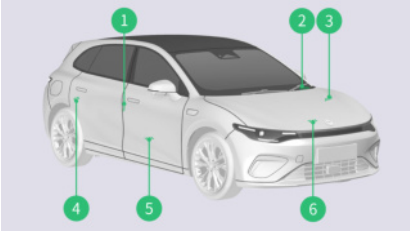
VEHICLE IDENTIFICATION

VEHICLE IDENTIFICATION NUMBER (VIN)

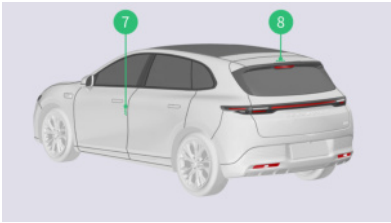
The vehicle identification number (VIN) consists of 17 characters, including information such as the country of manufacture, manufacturer, year, and vehicle feature code.

VIN POSITION DISTRIBUTION

The vehicle identification number (VIN) is the unique identification code of the vehicle and is engraved or affixed to the following locations:

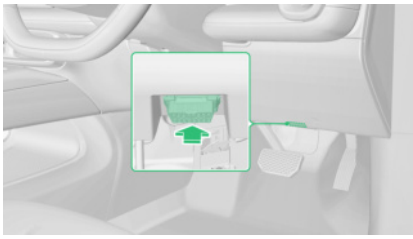


1. Located at the right front door sheet metal (pasted)
2. Located on the sheet metal crossbeam on the lower left side of the front windscreen (pasted)
3. Located in the front of the inner panel of the left front wheel cover (paste)
4. Located on the upper sheet metal of the right rear wheel cover (pasted)
5. Located on the rear crossbeam of the right seat installation (engraved)
6. Located on the right side of the front compartment cover lock (paste)



7. Located at the left front door sheet metal (pasted)
8. Located on the inner panel of the back door (paste)

READ VIN FROM OBD INTERFACE



The OBD diagnostic interface is located at the lower right of the instrument panel. Data such as vehicle identification number (VIN) and vehicle status information can be read through a special diagnostic instrument.

VEHICLE NAMEPLATE AND IDENTIFICATION

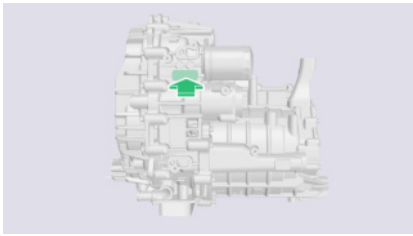
VEHICLE NAMEPLATES



The vehicle nameplate is placed on the B-pillar outer panel on the right side of the vehicle. The vehicle nameplate is marked with information such as brand, vehicle identification number (VIN), and vehicle mass parameters.

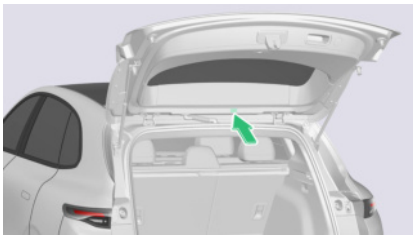
MODEL AND NO. OF DRIVE MOTOR

Engraving position



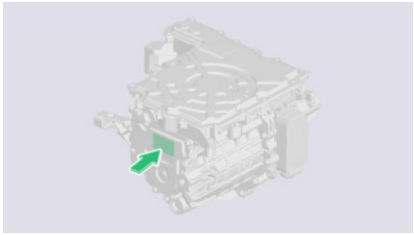
The drive motor model and number are engraved on the drive motor housing.

Drive motor model and number label



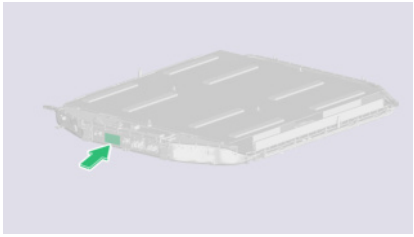
The drive motor model and number label is located on the inner panel of the back door.

POSITION OF DRIVE MOTOR NAMEPLATE



The drive motor nameplate is located on the drive motor housing. The model and No. of the drive motor are located on the motor's nameplate.

LOCATION OF TRACTION BATTERY NAMEPLATE



The traction battery nameplate is located on the outside of the traction battery pack.

NOTE

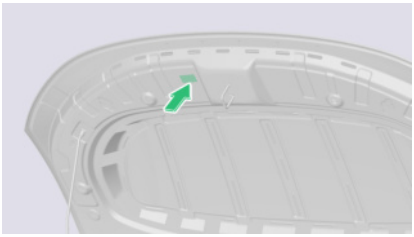
- The power battery has multiple states. One of them is taken as an example in the figure. Please refer to the actual vehicle for details.

TYRE PRESSURE LABEL



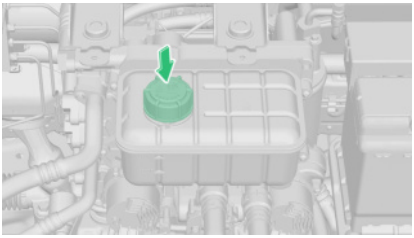
The tyre pressure label is pasted on the left B-pillar outer panel.

A/C SYSTEM WARNING LABEL



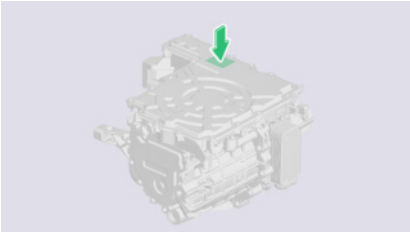
The air conditioning system warning sign is located on the right side of the front cabin cover lock.

COOLANT WARNING LABEL



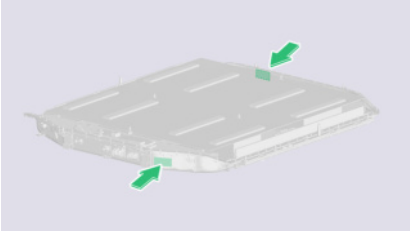
The coolant warning label is pasted on the lid of the coolant expansion tank.

HIGH VOLTAGE WARNING SIGN OF DRIVE MOTOR



The drive motor high voltage warning sign is located on the drive motor housing.

TRACTION BATTERY HIGH VOLTAGE WARNING SIGN

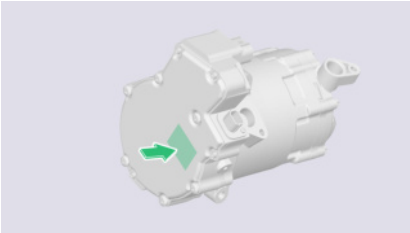


The HV warning label of the traction battery is pasted on the outer side of the traction battery pack.

NOTE

- The power battery has multiple states. One of them is taken as an example in the figure. Please refer to the actual vehicle for details.

ELECTRIC COMPRESSOR HIGH PRESSURE WARNING SIGN

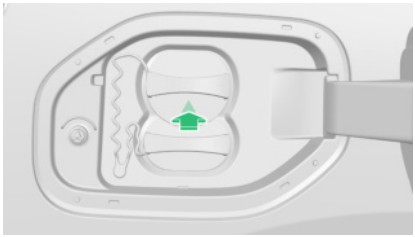


The high pressure warning sign of the electric compressor is located on the electric compressor.

NOTE

- The vehicle electric compressor has multiple states. The figure is only an example of one of the electric compressors. Please refer to the actual vehicle for details.

CHARGING WARNING SIGN



The charging warning sign is located on the AC slow charging port cover and DC fast charging port cover.

AIRBAG WARNING SIGN



The airbag warning sign is located on the front and back of the co-pilot sun visor.

MICROWAVE WINDOW



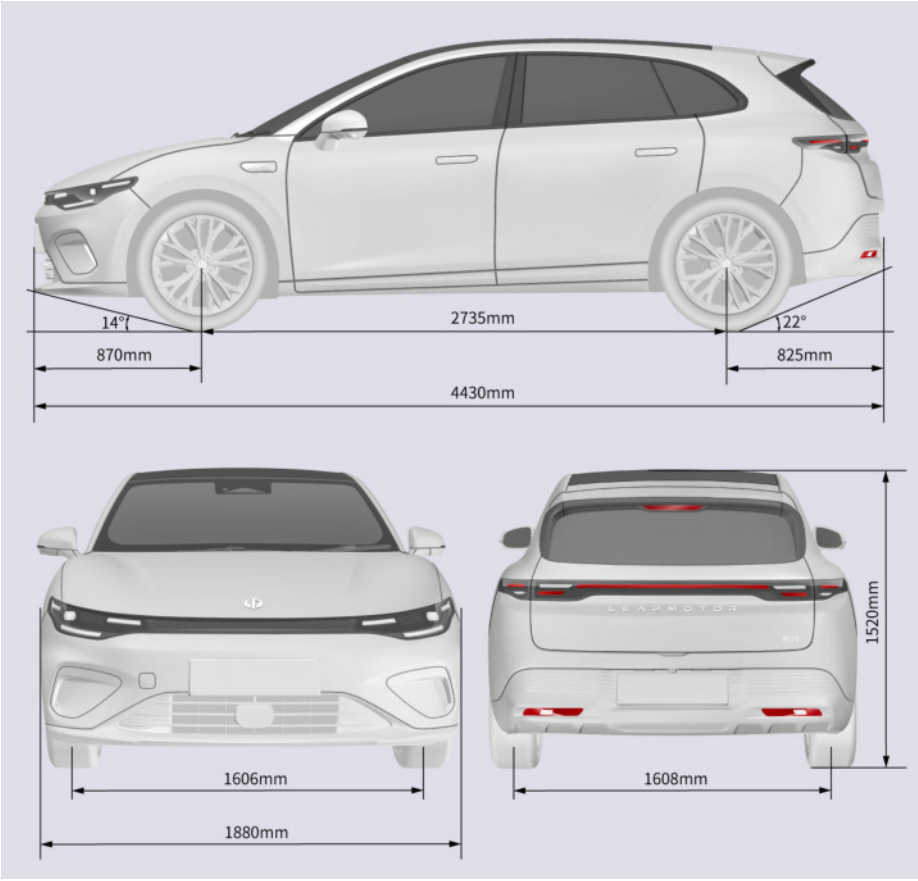
In order to ensure the installation and reading of automobile electronic identification, a microwave window is reserved on the right side of the front windscreen.

NOTE

- When affixing the electronic label, ensure it does not overlap with the window frame or any other objects.

TECHNICAL PARAMETERS

BASIC PARAMETERS



Item		Parameter	
Product model		B05	
Overall dimensions (mm)	Length	4430	4430
	Width	1880	1880
	High	1520	1520
Wheel track (mm)	Front	1606	1606
	Rear	1608	1608
Wheel base (mm)		2735	2735
Front/rear overhang (mm)		870/825	870/825
Kerb mass (kg)		1700	1780
Axle load (kerb mass) (kg)	Front	825	862
	Rear	875	918
Maximum allowed total mass (kg)		2138	2225
Maximum allowable front and rear axle load (kg)	Front	955	989
	Rear	1221	1272
Minimum ground clearance (mm)		154	154
Minimum turning radius (m)		5.25	5.25
Maximum vehicle speed (km/h)		170	170
Maximum gradeability (%)		≥35	≥35
Approach angle (°) (no load)		14°	14°
Departure angle (°) (no load)		22°	22°
Number of axles/drive shaft		2/Second shaft	2/Second shaft
Drive mode		4×2 rear wheel drive	4×2 rear wheel drive
Rated passenger capacity (person)		5	5
Driving range under WLTC condition	km	401	482
	mile	219	300
WLTC energy consumption	kWh/100km	15.8	15.9
	kWh/62mile		
NEDC driving range	km	470	580
	mile	292	360
NEDC energy consumption	kWh/100km	13.6	13.7

Item		Parameter	
	kWh/62mile		

Note: The exterior rearview mirror is not included in the overall dimensions of the vehicle.

TECHNICAL PARAMETERS OF POWER BATTERY

Item		Parameter	
Battery cell	Model	L300F139A	CBB91
	Type	Lithium iron phosphate	Lithium iron phosphate
	Rated voltage (V)	3.16	3.16
	Rated capacity (Ah)	139	166
Power Battery System	Model	LP-PBP509-AA	LP-PBP508-AA
	Rated voltage (V)	404.4	404.4
	Rated capacity (Ah)	139	166
	Total storage capacity (kWh)	56.2	67.1
	Energy density (Wh/kg)	138	142
	Number of power battery packs (Nr.)	1	1
	Dimensions of power battery pack (length × width × height) (mm)	1860×1507×133.5	1849×1515×137
	Weight of battery pack (kg)	418	471
Auxiliary power supply type		Lead-acid battery	Lead-acid battery
Auxiliary power supply voltage (V)		12V	12V
Protection grade		IP67	IP67

DRIVE MOTOR TECHNICAL PARAMETERS

Item	Parameter
Motor model	TZ180QY048
Drive motor type	Permanent magnet synchronous motor
Rated power (kW)	70
Rated torque (N • m)	95.5
Rated speed (r/min)	7000
Peak power (kW)	160
Peak speed (r/min)	17000
Peak torque (N • m)	240

BRAKING SYSTEM TECHNICAL PARAMETERS

Item		Parameter
Front wheel brake type		Disk type
Rear wheel brake type		Disk type
Type of parking braking system		EPB
Brake pedal free stroke (mm)		≤10
Brake pedal maximum stroke (mm)		140.4
Normal operating range of brake disc	Front brake disc thickness (mm)	23~25
	Rear brake disc thickness (mm)	8~10
Minimum operating thickness of brake disc	Front brake disc thickness (mm)	23
	Rear brake disc thickness (mm)	8
Normal operating range of brake pad	Front brake pad friction material thickness (mm)	2~8
	Rear brake pad friction material thickness (mm)	2~7
Minimum operating thickness of brake pad	Front brake pad friction material thickness (mm)	2
	Rear brake pad friction material thickness (mm)	2

WHEELS AND TYRES TECHNICAL PARAMETERS

Item		Parameter
Tyre specification	Front wheel	225/45 R19
	Rear wheel	235/45 R19
Standard tyre pressure (kPa)	No load (front/rear)	250/250
	Full load (front/rear)	270/290
Wheel dynamic balance requirements (g)		60 (single side)
Residual unbalance (g)		8 (single side)
Four-wheel alignment	Toe-in of front wheel	3.5′±6′
	Camber angle of front wheel	-0.283°±0.75°
	Front wheel kingpin castor	3.99°±1°
	Front wheel kingpin inclination angle	13.61°±1°
	Rear axle camber	-0.75°±0.75°
	Toe-in of rear wheel	6.7′±6′

TECHNICAL PARAMETERS OF SEAT

Item		Parameter
Driver's seat	Seat forward/backward movement distance (a) (mm)	220 forward/40 backward
	Set seat backrest angle (a) (°)	25
	Forward/backward adjustment angle of seat backrest (°)	30 forwards/50 backwards
	Upward/downward movement distance of seat (mm)	40 up/20 down
Front passenger's seat	Seat forward/backward movement distance (a) (mm)	220 forward/40 backward
	Set seat backrest angle (a) (°)	25
	Forward/backward adjustment angle of seat backrest (°)	30 forward, 50 backward
Rear seat	Adjustment distance for forward/backward movement of rear seats (mm)	Non-adjustable
	Set seat backrest angle (a) (°)	27 on both sides, 25.5 in the middle

Item		Parameter
	Forward/backward adjustment angle of seat backrest (°)	100 forward/non-adjustable backward

(a) when measuring the seat cushion depth.

OTHER MAJOR ASSEMBLY TECHNICAL PARAMETERS

Item		Parameter
Reducer	Type	Central reducer
Suspension	Front	McPherson independent suspension
	Rear	Multi-link independent suspension
Steering gear	Type	Gear rack type
Steering column	Type	Electric Power Steering (EPS)

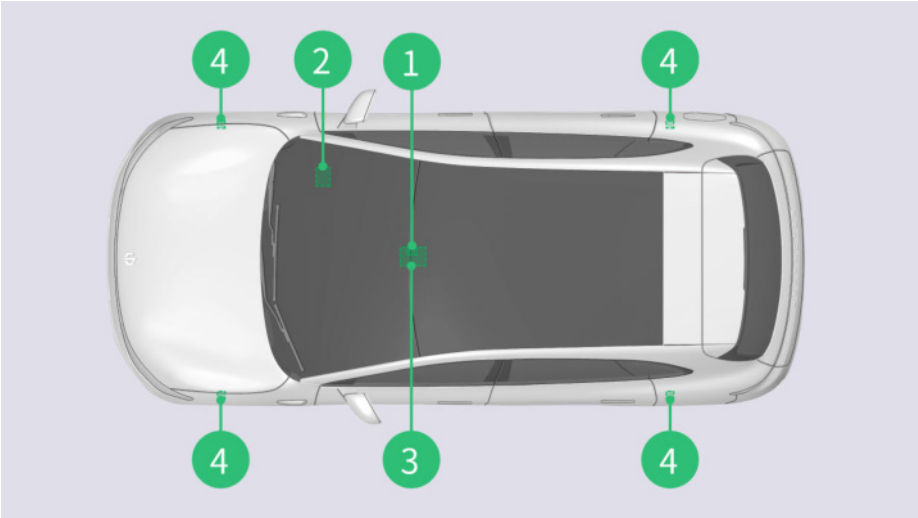
TYPE AND AMOUNT OF VEHICLE FILLING FLUID

Item	Specification	Dosage
Coolant	OAT-40 C	(9±0.45)L
Brake fluid	DOT4	(660±50)mL
A/C refrigerant	Refer to A/C system warning signs	
Reducer gear oil	LI-004C	(1.75±0.05)L
Windscreen washing fluid	-30°C ethanol washer fluid (L)	(1±0.2)L

Note:

- Please select coolant and windscreen washer fluid with appropriate freezing point according to the actual temperature of the vehicle environment to avoid damaging the vehicle.
- The above oil capacity is a recommended value. The actual amount may vary slightly due to changes in factors such as products, equipment and climate. Please refer to the actual vehicle.
- For detailed vehicle information and oil parameters, please consult the Leapmotor Service Centre or authorised service store.

RADIO TECHNICAL INFORMATION



Band MHz	Maximum output power W (peak RMS)	Equipment	Radio location	Country	Identification
GSM900:880-915	2	IoV host	2	—	—
GSM1800:1710-1785	2	IoV host	2	—	—
WCDMAB1:1920-1980	0.25	IoV host	2	—	—
WCDMAB5:824-849	0.25	IoV host	2	—	—
WCDMAB8:880-915	0.25	IoV host	2	—	—
LTEB1:1920-1980	0.2	IoV host	2	—	—
LTEB3:1710-1785	0.2	IoV host	2	—	—
LTEB5:824-849	0.2	IoV host	2	—	—
LTEB7:2500-2570	0.2	IoV host	2	—	—

Band MHz	Maximum output power W (peak RMS)	Equipment	Radio location	Country	Identification
LTEB8:880-915	0.2	IoV host	2	—	—
LTEB20:832-862	0.2	IoV host	2	—	—
LTEB28:703-748	0.2	IoV host	2	—	—
LTEB38:2570-2620	0.2	IoV host	2	—	—
LTEB40:2300-2400	0.2	IoV host	2	—	—
BLE:2400-2483.5	0.002	IoV host	2	—	—
GNSS: 1560-1605	(receive only)	IoV host	2	—	—
BT: 2400-2483.5	0.001	IVI host	3	—	—
WIFI: 2400-2483.5	0.1	IVI host	3	—	—
WIFI: 5150-5250	0.016				
WIFI: 5745-5825					
WPC: 0.11-0.148 NFC: 13.56	1	Mobile phone wireless power charging	1	—	—
433.92	< 0.005	Tyre pressure sensor	4	Australia	

NOTE

- The radio certification information is pasted on the surface of the part. For details, please check the part label.

SVHC INFORMATION TRANSMISSION

Communication of information according to Article 33 REACH	
Leapmotor B05(2026)	
This product is composed of articles defined under Article 3(3) of the Regulation No. 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). Any supplier shall comply with the duty to communicate information on substances in articles in accordance to Article 33. This product, including any article that the product is composed of, does contain substances meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight (w/w). We inform that lead (CAS-No. 7439-92-1) is used in almost all products categories, primary as alloying element and also existed in battery. Recycled aluminum and metals may contain lead as impurity.	
Location of article containing the substance in the product (Detailed, including optional equipment)	**Name of substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight (Typical use according to the REACH Annex XV Dossier)**
BATTERY PACK ASSY	Lead
POWER ASSY TOW-IN-ONE	Lead
BRKT EVCC	Lead
ELECTRIC DRIVE ASSY	Lead
WHEEL ASSY	Lead
ELECRICAL STEERING COLUM ASSY	Lead
MECHANICAL STEERING GEAR	Lead
BRAKE ASSY LH FRT	Lead
BRAKE ASSY RH FRT	Lead
BRAKE ASSY RR LH	Lead
BRAKE ASSY RR RH	Lead
INTEGRATED CONTROL UNIT, IBC	Lead
SPEED SENSOR WHEEL RR LH	Lead
FT LNTELLIGENT WHEEL SPEED SENSOR	Lead
SPEED SENSOR WHEEL RR RH	Lead
INFLATOR ASSY	Lead
ELECTRIC COMPRESSOR ASSY	Lead
THERMAL CONTROL UNIT	Lead
AUTO HVAC ASSY	Lead

SUPER INTEGRATION MODULE	Lead
BUMPER ASSY FRT	Lead
REARVIEW MIRROR ASSY LH	Lead
REARVIEW MIRROR ASSY RH	Lead
ACCESSORIES ASSY & IP BODY	Lead
AIRBAG CONTROL UNIT ASSY	Lead
IMPACT SENSOR ASSY	Lead
PRESSURE SENSOR ASSY	Lead
SEAT ASSY FR LH	Lead
SEAT ASSY FR RH	Lead
TAILGATE LATCH	Lead
SUNROOF FRAME ASSY	Lead
SILL ASSY INR LH (W/ BOLT)	Lead
SILL ASSY INR RH(W/BOLT)	Lead
ZONE CONTROL UNIT MAIN	Lead
INTERNET OF VEHICLES HOST	Lead
DMS CAMERA	Lead
VITAL SIGNS DETECTION RADAR	Lead
MIDDLE CONTROL DISPLAY	Lead
INSTRUMENTATION CONTROL UNIT DISPLAY	Lead
X-DOMAIN CONTROLLER	Lead
LOCK CYLINDER MECHANICAL ASSY	Lead
COMBINATION SWITCH	Lead
FORWARD LOOKING BINOCULAR CAMERA ASSY	Lead
SURROUND VIEW CAMERA ASSY FRT	Lead
SURROUND VIEW CAMERA ASSY RR	Lead
FORWARD COLLISION AVOIDANCE RADAR	Lead
BLIND SPOT MONITORING RADAR	Lead
REVERING ULTRASONIC PROBE	Lead
HEADLAMP FRT LH	Lead
HEADLAMP FRT RH	Lead

TAIL LAMP LEFT	Lead
TAIL LAMP RIGHT	Lead
REAR POSITION LAMP	Lead
HIGH MOUNTED STOP LAMP	Lead
LEFT REAR FOG REVERSING AND RETRO REFLECTOR ASSEMBLY	Lead
RIGHT REAR FOG REVERSING AND RETRO REFLECTOR ASSEMBLY	Lead
TRUNK LAMP	Lead
POWER AMPLIFIER	Lead
WIRING ASSY BATTERY NEGATIVE	Lead
WIRING ASSY IP	Lead
WIRING ASSY MCU RR	Lead
WIRING ASSY DC/AC CHARGING	Lead
BATTERY ASSY	Lead
USB CHARGE RR	Lead
RAIN & LIGHT SENSOR	Lead
WIRELESS CHARGING MODULE	Lead
USB HUB FR	Lead
DAB ASSY	Lead
BATTERY PACK ASSY	Nonylphenol
BATTERY PACK ASSY	Bis(α,α-dimethylbenzyl) peroxide
ELECTRIC DRIVE ASSY	Bis(α,α-dimethylbenzyl) peroxide
LINK ASSY ARB FRT	Bis(α,α-dimethylbenzyl) peroxide
LINK ASSY ARB RR	Bis(α,α-dimethylbenzyl) peroxide
BRAKE ASSY LH FRT	Bis(α,α-dimethylbenzyl) peroxide
BRAKE ASSY RH FRT	Bis(α,α-dimethylbenzyl) peroxide
INTELLIGENT INTEGRATED BRAKING SYSTEM	Bis(α,α-dimethylbenzyl) peroxide
ELECTRIC COMPRESSOR ASSY	Bis(α,α-dimethylbenzyl) peroxide
AUTO HVAC ASSY	Bis(α,α-dimethylbenzyl) peroxide
SEALING PRESSURE PLATE	Bis(α,α-dimethylbenzyl) peroxide
WATER OUTLET HOSE-OBC&DCDC	Bis(α,α-dimethylbenzyl) peroxide

SUPER INTEGRATION MODULE	Bis(α,α-dimethylbenzyl) peroxide
SEAL FOAM OUTER TRIANGLE COVER LH	Bis(α,α-dimethylbenzyl) peroxide
SEAL FOAM OUTER TRIANGLE COVER RH	Bis(α,α-dimethylbenzyl) peroxide
INSTRUMENTATION CONTROL UNIT DISPLAY	Bis(α,α-dimethylbenzyl) peroxide
HEADLAMP FRT LH	Bis(α,α-dimethylbenzyl) peroxide
HEADLAMP FRT RH	Bis(α,α-dimethylbenzyl) peroxide
TAIL LAMP LEFT	Bis(α,α-dimethylbenzyl) peroxide
TAIL LAMP RIGHT	Bis(α,α-dimethylbenzyl) peroxide
REAR POSITION LAMP	Bis(α,α-dimethylbenzyl) peroxide
WIRING ASSY DC/AC CHARGING	Bis(α,α-dimethylbenzyl) peroxide
BATTERY PACK ASSY	Octamethylcyclotetrasiloxane
SUPER INTEGRATION MODULE	Octamethylcyclotetrasiloxane
REARVIEW MIRROR ASSY LH	Octamethylcyclotetrasiloxane
REARVIEW MIRROR ASSY RH	Octamethylcyclotetrasiloxane
LATCH-RR DOOR RH	Octamethylcyclotetrasiloxane
LATCH-RR DOOR LH	Octamethylcyclotetrasiloxane
LATCH-FRT DOOR LH	Octamethylcyclotetrasiloxane
LATCH-FRT DOOR RH	Octamethylcyclotetrasiloxane
REVERING ULTRASONIC PROBE	Octamethylcyclotetrasiloxane
HIGH MOUNTED STOP LAMP	Octamethylcyclotetrasiloxane
WIRING ASSY FORECABIN	Octamethylcyclotetrasiloxane
WIRING ASSY DC/AC CHARGING	Octamethylcyclotetrasiloxane
BATTERY PACK ASSY	Decamethylcyclopentasiloxane
SUPER INTEGRATION MODULE	Decamethylcyclopentasiloxane
REVERING ULTRASONIC PROBE	Decamethylcyclopentasiloxane
BATTERY PACK ASSY	Dodecamethylcyclohexasiloxane
SUPER INTEGRATION MODULE	Dodecamethylcyclohexasiloxane
REVERING ULTRASONIC PROBE	Dodecamethylcyclohexasiloxane
POWER ASSY TOW-IN-ONE	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
ELECRICAL STEERING COLUM ASSY	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one

ELECTRICAL ACCELERATE PEDAL ASSY	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
REARVIEW MIRROR ASSY LH	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
REARVIEW MIRROR ASSY RH	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
INTERNET OF VEHICLES HOST	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
DMS CAMERA	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
VITAL SIGNS DETECTION RADAR	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
INSTRUMENTATION CONTROL UNIT DISPLAY	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
X-DOMAIN CONTROLLER	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
MIDDLE CONTROL DISPLAY	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
FORWARD LOOKING BINOCULAR CAMERA ASSY	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
POWER AMPLIFIER	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
SUN LIGHT SENSOR ASSY	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
WIRELESS CHARGING MODULE	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
POWER ASSY TOW-IN-ONE	Melamine
BRKT EVCC	Melamine
ELECTRICAL ACCELERATE PEDAL ASSY	Melamine
SEAT ASSY FR LH	Melamine
DMS CAMERA	Melamine
AC CHARGING PLUG	triphenyl phosphate
LATCH-RR DOOR RH	triphenyl phosphate
LATCH-RR DOOR LH	triphenyl phosphate
LATCH-FRT DOOR LH	triphenyl phosphate
LATCH-FRT DOOR RH	triphenyl phosphate
AC CHARGING PLUG	4,4'-isopropylidenediphenol

ELECTRIC DRIVE ASSY	4,4'-isopropylidenediphenol
STRUT ASSY FRT	4,4'-isopropylidenediphenol
STRUT ASSY FRT RH	4,4'-isopropylidenediphenol
STRUT ASSY RR LH	4,4'-isopropylidenediphenol
STRUT ASSY RR RH	4,4'-isopropylidenediphenol
SUPER INTEGRATION MODULE	4,4'-isopropylidenediphenol
VITAL SIGNS DETECTION RADAR	4,4'-isopropylidenediphenol
BRKT EVCC	Lead monoxide (lead oxide)
ELECTRIC DRIVE ASSY	Lead monoxide (lead oxide)
WHEEL ASSY	Lead monoxide (lead oxide)
INTEGRATED CONTROL UNIT, IBC	Lead monoxide (lead oxide)
REARVIEW MIRROR ASSY LH	Lead monoxide (lead oxide)
REARVIEW MIRROR ASSY RH	Lead monoxide (lead oxide)
AIRBAG CONTROL UNIT ASSY	Lead monoxide (lead oxide)
IMPACT SENSOR ASSY	Lead monoxide (lead oxide)
ZONE CONTROL UNIT MAIN	Lead monoxide (lead oxide)
INTERNET OF VEHICLES HOST	Lead monoxide (lead oxide)
INSTRUMENTATION CONTROL UNIT DISPLAY	Lead monoxide (lead oxide)
MIDDLE CONTROL DISPLAY	Lead monoxide (lead oxide)
X-DOMAIN CONTROLLER	Lead monoxide (lead oxide)
COMBINATION SWITCH	Lead monoxide (lead oxide)
FORWARD LOOKING BINOCULAR CAMERA ASSY	Lead monoxide (lead oxide)
BLIND SPOT MONITORING RADAR	Lead monoxide (lead oxide)
REVERING ULTRASONIC PROBE	Lead monoxide (lead oxide)
TAIL LAMP LEFT	Lead monoxide (lead oxide)
TAIL LAMP RIGHT	Lead monoxide (lead oxide)
REAR POSITION LAMP	Lead monoxide (lead oxide)
USB CHARGE RR	Lead monoxide (lead oxide)
SUN LIGHT SENSOR ASSY	Lead monoxide (lead oxide)
RAIN & LIGHT SENSOR	Lead monoxide (lead oxide)
USB HUB FR	Lead monoxide (lead oxide)

ELECTRIC DRIVE ASSY	Diboron trioxide
ELECRICAL STEERING COLUM ASSY	Diboron trioxide
INTEGRATED CONTROL UNIT, IBC	Diboron trioxide
SUPER INTEGRATION MODULE	Diboron trioxide
AIRBAG CONTROL UNIT ASSY	Diboron trioxide
FIXED ROOF GLASS ASSY	Diboron trioxide
TAILGATE LATCH	Diboron trioxide
ZONE CONTROL UNIT MAIN	Diboron trioxide
INTERNET OF VEHICLES HOST	Diboron trioxide
DMS CAMERA	Diboron trioxide
MIDDLE CONTROL DISPLAY	Diboron trioxide
INSTRUMENTATION CONTROL UNIT DISPLAY	Diboron trioxide
X-DOMAIN CONTROLLER	Diboron trioxide
COMBINATION SWITCH	Diboron trioxide
FORWARD LOOKING BINOCULAR CAMERA ASSY	Diboron trioxide
SURROUND VIEW CAMERA ASSY FRT	Diboron trioxide
SURROUND VIEW CAMERA ASSY RR	Diboron trioxide
REVERING ULTRASONIC PROBE	Diboron trioxide
HEADLAMP FRT LH	Diboron trioxide
HEADLAMP FRT RH	Diboron trioxide
USB CHARGE RR	Diboron trioxide
RAIN & LIGHT SENSOR	Diboron trioxide
USB HUB FR	Diboron trioxide
GPS ANTENNA ASSY	Diboron trioxide
ELECTRIC DRIVE ASSY	Lead titanium trioxide
SPEED SENSOR WHEEL RR LH	Lead titanium trioxide
FT LNTELLIGENT WHEEL SPEED SENSOR	Lead titanium trioxide
SPEED SENSOR WHEEL RR RH	Lead titanium trioxide
AIRBAG CONTROL UNIT ASSY	Lead titanium trioxide
ZONE CONTROL UNIT MAIN	Lead titanium trioxide
INSTRUMENTATION CONTROL UNIT DISPLAY	Lead titanium trioxide

COMBINATION SWITCH	Lead titanium trioxide
FORWARD COLLISION AVOIDANCE RADAR	Lead titanium trioxide
ELECTRIC DRIVE ASSY	N,N-dimethylacetamide
ELECTRIC DRIVE ASSY	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)
INTERNET OF VEHICLES HOST	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)
MIDDLE CONTROL DISPLAY	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)
X-DOMAIN CONTROLLER	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)
HEADLAMP FRT LH	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)
HEADLAMP FRT RH	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)
TAIL LAMP LEFT	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)
TAIL LAMP RIGHT	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)
ELECTRIC DRIVE ASSY	1-Methyl-2-pyrrolidone (NMP)
HALF SHAFT ASSY RR LH	1-Methyl-2-pyrrolidone (NMP)
HALF SHAFT ASSY RR RH	1-Methyl-2-pyrrolidone (NMP)
AUTO HVAC ASSY	1-Methyl-2-pyrrolidone (NMP)
INSTRUMENTATION CONTROL UNIT DISPLAY	1-Methyl-2-pyrrolidone (NMP)
X-DOMAIN CONTROLLER	1-Methyl-2-pyrrolidone (NMP)
ELECTRIC DRIVE ASSY	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
AUTO HVAC ASSY	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
SUPER INTEGRATION MODULE	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
REARVIEW MIRROR ASSY LH	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
REARVIEW MIRROR ASSY RH	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
IMPACT SENSOR ASSY	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
PRESSURE SENSOR ASSY	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
SEAT ASSY FR LH	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
SEAT ASSY FR RH	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
FORWARD LOOKING BINOCULAR CAMERA ASSY	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol

WIRING HARNESS ASSY-INSTRUMENT PANEL	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
USB HUB FR	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
MIC ACTIVE DUAL	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
DAB ASSY	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
WHEEL ASSY	1, 2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)
BRAKE ASSY RR LH	O,O,O-triphenyl phosphorothioate
BRAKE ASSY RR RH	O,O,O-triphenyl phosphorothioate
INTELLIGENT INTEGRATED BRAKING SYSTEM	Cobalt(II) dinitrate
INTELLIGENT INTEGRATED BRAKING SYSTEM	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
AUTO HVAC ASSY	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
REAR MOTOR INLET HOSE	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
REAR MOTOR NYLON INLET HOSE	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
OUTLET HOSE REAR EDU	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
OUTLETNYLON PIPE REAR EDU	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
REAR MOTOR OUTLET HOSE	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
WATER INLET HOSE FOR OBC AND DCDC 1	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
REAR MOTOR INTLET HOSE	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
BAT HOSE ASSY	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
IP MID AIR OUTLERT TRIM PLATE ASSY	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
BAFFLE-WHEEL HOUSING RR INR LH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
BAFFLE-C PILLAR INNER	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
BAFFLE-UPR OTR A PILLAR LH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)

BAFFLE-B PILLAR LWR OTR LH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
BAFFLE-B PILLAR LWR INR LH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
BAFFLE-INR DOORSILL FRT LH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
BAFFLE-DOORSILL OTR	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
BAFFLE-A PILLAR FR OTR	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
BAFFLE-A PILLAR LWR INR LH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
BAFFLE-A PILLAR FR INR LH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
BAFFLE-LWR OTR A PILLAR LH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
BAFFLE-LWR OTR A PILLAR RH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
BAFFLE-B PILLAR LWR OTR RH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
BAFFLE-B PILLAR LWR INR RH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
BAFFLE-SILL FRT INR RH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
BAFFLE-A PILLAR LWR INR RH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
BAFFLE-A PILLAR FR INR RH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
BAFFLE-WHEEL HOUSING RR INR RH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
BLIND SPOT MONITORING RADAR	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
TYRE REPAIR LIQUID	Dibutyl phthalate (DBP)
ELECTRIC COMPRESSOR ASSY	2-methylimidazole
LATCH-RR DOOR RH	2-methylimidazole
LATCH-RR DOOR LH	2-methylimidazole
LATCH-FRT DOOR LH	2-methylimidazole
LATCH-FRT DOOR RH	2-methylimidazole

ELECTRIC COMPRESSOR ASSY	tris(nonylphenyl) phosphite
REAR MOTOR INLET HOSE	Formamide
REAR MOTOR NYLON INLET HOSE	Formamide
OUTLET HOSE REAR EDU	Formamide
OUTLETNYLON PIPE REAR EDU	Formamide
REAR MOTOR OUTLET HOSE	Formamide
WATER INLET HOSE FOR OBC AND DCDC 1	Formamide
REAR MOTOR INTLET HOSE	Formamide
BAT HOSE ASSY	Formamide
SUPER INTEGRATION MODULE	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol
WIRING ASSY DC/AC CHARGING	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol
WIRING ASSY OBC	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol
WIRING ASSY CCM	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol
SUPER INTEGRATION MODULE	Cyclohexane-1,2-dicarboxylic anhydride
MIDDLE CONTROL DISPLAY	Cyclohexane-1,2-dicarboxylic anhydride
HEADLAMP FRT LH	Cyclohexane-1,2-dicarboxylic anhydride
HEADLAMP FRT RH	Cyclohexane-1,2-dicarboxylic anhydride
TAIL LAMP LEFT	Cyclohexane-1,2-dicarboxylic anhydride
TAIL LAMP RIGHT	Cyclohexane-1,2-dicarboxylic anhydride
BUMPER ASSY FRT	tris(2-methoxyethoxy)vinylsilane
BUMPER ASSY RR	tris(2-methoxyethoxy)vinylsilane
HOOD LATCH	tris(2-methoxyethoxy)vinylsilane
LATCH-FRT HOOD	tris(2-methoxyethoxy)vinylsilane
REARVIEW MIRROR ASSY LH	Benzo[ghi]perylene
REARVIEW MIRROR ASSY RH	Benzo[ghi]perylene
TRIM RING ASSY	diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide
IP MID AIR OUTLERT TRIM PLATE ASSY	diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide
MIDDLE CONTROL DISPLAY	diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide
TAIL LAMP LEFT	diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide
TAIL LAMP RIGHT	diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide
REAR POSITION LAMP	diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide

PLASTIC T/GATE &HINGE ASSY	Bumetrizole (UV-326)
TAIL LAMP LEFT	Bumetrizole (UV-326)
TAIL LAMP RIGHT	Bumetrizole (UV-326)
REAR THROUGHT LAMP LEFT TRIM PANEL	Bumetrizole (UV-326)
REAR THROUGHT LAMP RIGTH TRIM PANEL	Bumetrizole (UV-326)
DR WINDOW REGULATOR ASSY FRT LH	Diisobutyl phthalate
DR WINDOW REGULATOR ASSY FRT RH	Diisobutyl phthalate
DR WINDOW REGULATOR ASSY RR LH	Diisobutyl phthalate
DR WINDOW REGULATOR ASSY RR RH	Diisobutyl phthalate
HOOD LATCH	Phenol, 4-nonyl-, branched
LATCH-FRT HOOD	Phenol, 4-nonyl-, branched
ZONE CONTROL UNIT MAIN	Boric acid
INSTRUMENTATION CONTROL UNIT DISPLAY	Boric acid
BLIND SPOT MONITORING RADAR	Boric acid
ZONE CONTROL UNIT MAIN	Orange lead (lead tetroxide)
REVERING ULTRASONIC PROBE	Orange lead (lead tetroxide)
X-DOMAIN CONTROLLER	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone
MIDDLE CONTROL DISPLAY	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone
SWITCH OTR AUTOMATIC T/GATE	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)
COMBINATION SWITCH	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)
HEADLAMP FRT LH	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)
HEADLAMP FRT RH	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)
TAIL LAMP LEFT	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)
TAIL LAMP RIGHT	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)
REAR POSITION LAMP	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)

MOTER & LINKAGE ASSY FRT	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)
USB HUB FR	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)
CEILING SWITCH ASSEMBLY	2-ethoxyethyl acetate
BLIND SPOT MONITORING RADAR	Hexahydromethylphthalic anhydride
REVERING ULTRASONIC PROBE	Lead titanium zirconium oxide
HARN FRT DOOR WIRING-LT	Imidazolidine-2-thione (2-imidazoline-2-thiol)
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