LEAPMOTOR



B03X

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. By gaining a deeper understanding of the vehicle, you will have a clearer awareness of the safety and driving pleasure of the vehicle.

If you have any questions or needs during use, please contact the nearest Leapmotor Service Center or authorized 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. In addition, some functions of the vehicle have requirements on the network environment. Under different network conditions, these functions may not work properly. Please understand. 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!

June 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 labels: For specific locations, please refer to the "Vehicle nameplates and labels" 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 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.
- The shape, colour, texture, tactile quality and accompanying pictures of the vehicle model displayed on the central control display are for reference only. Please refer to the actual vehicle.
- Unless otherwise specified, the instructions on the orientation of the vehicle (front, rear, left, right) in this manual are all based on the forward direction of the vehicle.

NOTES TO USER

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 responsible for any damage 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 positions.
   - Brake pedal.
   - Windscreen wiper;
   - Driving range.
   - Interior and exterior rearview mirror angles.
   - Steering wheel position.
   - Tire
   - Whole vehicle lighting.

5. Before the driver leaves the vehicle, ensure that the gear is shifted to "P", and confirm that the parking brake indicator is on.
6. When the vehicle is travelling, if the fault indicator in the instrument cluster lights up or there is a fault text prompt, the driver should park safely as soon as possible for inspection and contact a Leapmotor auto service centre or authorised service centre.
7. The driving range displayed in the vehicle instrument cluster may deviate from the actual driving range. Please refer to the actual travelling 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

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

- Position of brake/accelerator pedal.
- Vehicle speed (vehicle speed is the wheel speed, derived from the wheel speed sensor).
- Longitudinal acceleration of vehicle
- Locking state of seat belt.

The above data can be used to restore the vehicle status at the time of the accident and assist in analysis.

The EDR system classifies the recorded events into overwritable events and non-overwritable events:

- When the irreversible occupant restraint system is deployed, the EDR data will be locked to prevent it from being overwritten by subsequent events.
- When the change in vehicle speed in the X-axis direction within a 150 ms time interval is not less than 25 km/h (16 mph), the EDR data will be locked to prevent it from being overwritten by subsequent events.
- For all other events recorded by the EDR, the data is not locked and may be overwritten by subsequent events.

Data will not be disclosed to third parties except in the following circumstances:

- Upon official request from the police, courts, or government agencies;
- Solely for technical diagnosis and research and development, and the vehicle owner's information and identity will not be disclosed.

Ways to obtain event data recorder data:

- Reading the data recorded by the EDR requires special equipment and access to the vehicle or the EDR.
- In addition to the vehicle manufacturer, other organizations equipped with special equipment (such as law enforcement agencies) may also read the relevant information after obtaining access to the vehicle or the EDR.

VEHICLE TESTING

To ensure the quality of delivery of new Leapmotor vehicles, quality control technicians conduct comprehensive road tests on the vehicles before they leave the factory. As a result, a small number of kilometers will appear on your vehicle's odometer.

HARDWARE AND SOFTWARE MODIFICATIONS

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 authorization, 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 anti-theft system, as it may cause system malfunctions and pose a threat 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. Leapmotor carries out rigorous testing of parts to ensure their comfort, safety and reliability.

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

PRODUCT CHANGE

Leapmotor reserves the right to make design changes to the vehicle and is under no obligation to make the same or similar changes to vehicles already sold.

THE VEHICLE IS SCRAPPED

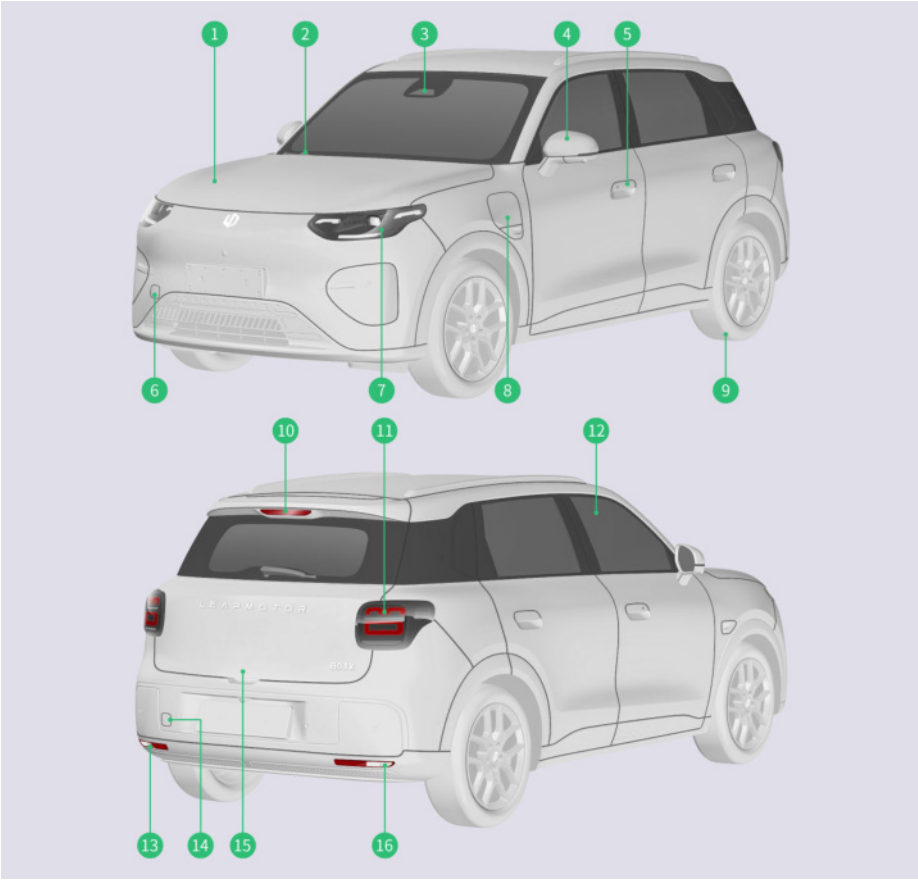
The Airbag devices and Seat belt pretensioners of the vehicle contain explosive chemicals. If the vehicle is scrapped without removing the Airbags and Seat belt pretensioners, it may cause accidents such as fires. Before scrapping, it is recommended to have these devices disposed of by a Leapmotor auto service centre or an authorised service centre or other qualified repair shops.

PRODUCT RECALL

When conducting a product recall, Leapmotor will provide reasonable solutions based on the product defects. If the problem can be solved by repair or replacement of parts, in order to eliminate vehicle defects as soon as possible and ensure your driving safety, you should actively cooperate with the Leapmotor Service Center or authorized dealer to carry out recall repair services after receiving the recall notice from Leapmotor or obtaining relevant information through official channels.

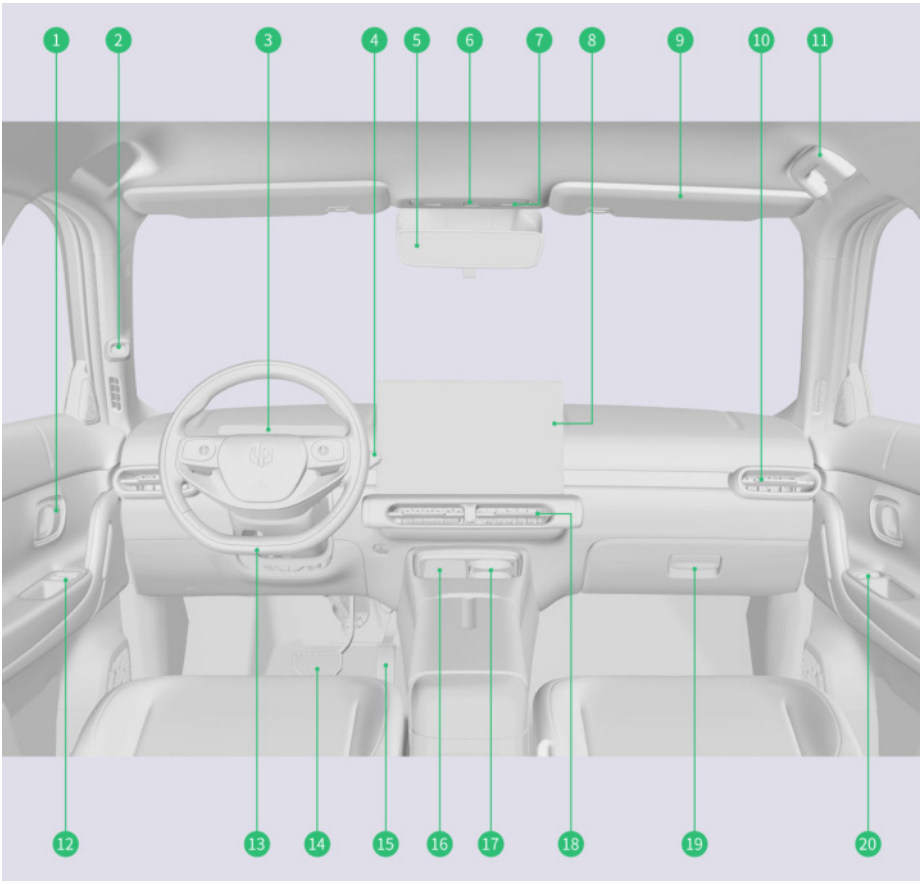
NEW VEHICLE FEATURES

EXTERIOR



1. Front engine compartment cover
2. Wiper
3. Front-view camera
4. Exterior rearview mirror
5. Door handle
6. Front towing hook cover plate
7. Front combination lamp
8. Charging port cover plate
9. Tyre
10. High-mounted brake lamp
11. Rear combination lamp
12. Window
13. Rear fog lamp
14. Rear towing hook cover plate
15. Trunk lid
16. Reversing lamp

INTERIOR



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

PRECAUTIONS FOR CHARGING

Please pay attention to the following during charging:

- When the power battery low charge indicator on the instrument cluster lights up for the first time or the battery level is ≤10%, please charge the vehicle within 72 hours.
- Before charging, please ensure the vehicle is in the 'P' (Park) gear and the parking brake system is applied.
- When the ambient temperature is below 0℃, the charging power is low and the charging speed is slow during the initial stage. As the battery temperature increases, the charging power will rise, resulting in faster charging.
- When the ambient temperature exceeds 45℃, the charging power is low and the charging speed is slow during the initial stage. As the battery temperature decreases, the charging power will rise, resulting in faster charging.
- When charging with a fast charger, choose one with a voltage range that covers the vehicle's charging voltage range. It is recommended to prioritize fast chargers with a 1000V voltage platform.
- Do not hit the charging device or put it near a place with heat sources.
- Do not step on charging cables, pull cables, bend cables, or tie cables into knots.
- When the vehicle is charging, if there is a large fluctuation in the power grid, the charging power will also fluctuate, and charging may even be suspended.
- Do not charge the vehicle by fast charging and slow charging at the same time, so as not to damage the vehicle.
- Before long-term parking of the vehicle, please ensure that the battery level is in a sufficient range (50% to 80%); maintenance must be performed once a month. The specific operation is: fully charge the power battery and then discharge it to 80%. Failure to operate according to the specifications may cause the power battery to over-discharge, degrade its performance, or even damage it. Serious failures and damage to vehicle components caused by this will not be covered by the warranty.
- 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 state of health of the battery.
- In order to avoid the impact of high-charge floating charging on the battery health, if you need to recharge the vehicle when it is at a very high charge (more than 97%), you need to consume part of the power before you can charge the vehicle normally.
- Do not use the charging connection equipment in direct sunlight or in a confined space.
- Charging is prohibited when the charging cable is in a damaged status.
- Please use a reliably grounded socket.
- Please use a power supply with leakage protection.

⚠ WARNING

Be sure to observe the following to avoid electric shock incidents or serious injury:

- It is prohibited to close the charging port cover plate when the vehicle's charging port protective cover is open.
- It is prohibited to modify the vehicle charging system components and onboard charging equipment without authorization, otherwise it may lead to electric shock injury or even death.
- It is strictly prohibited to carry out charging operations on vehicles in places where there are flammable gases, liquids, or sources of ignition.
- When charging the vehicle on rainy days, please be sure to choose a place sheltered from rain.
- Before charging, please ensure that the charging equipment is not scratched, rusted, or cracked, and that there is no damage or other abnormalities on the surface of the charging port, cable, control box, and charging connector; do not charge if the surface of the socket is damaged, rusted, cracked, or the connection is loose; if there is dust or moisture on the above charging equipment or the charging port, cable, control box, etc., please wipe it clean with a dry cloth before charging.
- Do not touch the charging port, charging connector, or metal connections of the charger while charging.
- If there is odor or smoke during charging, please stop charging immediately and contact the Leapmotor Service Center or authorized service store.
- After charging is complete, do not disconnect the charging connection device with wet hands or while standing in water, to avoid electric shock causing personal injury.

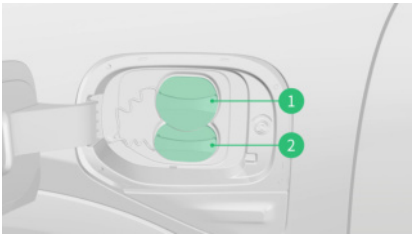
- If you are using any medical electrical devices, such as a pacemaker or implantable cardioverter defibrillator, please confirm with the manufacturer of the medical electrical device before initiating the vehicle charging process to ensure that the charging operation will not interfere with the normal use of the implanted device.

⚠ ATTENTION

- If the battery level is discharged to 0%, please charge the vehicle immediately. At this point, charging speed may be slow until the power battery's battery level reaches 20% to restore battery performance. If the power battery is not recharged in time within 24 hours, it may cause irreversible damage to the power battery. If you are unable to charge the vehicle, please contact the authorized dealer immediately.

CHARGING PORT

The charging port is located at the front left side of the vehicle.



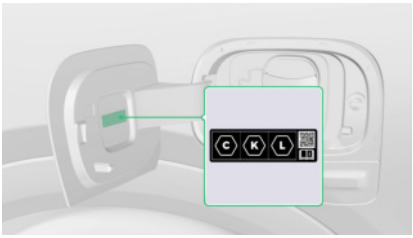
1. AC slow charging port
2. DC fast charging port

⚠ WARNING

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

CHARGING PORT SYMBOL*

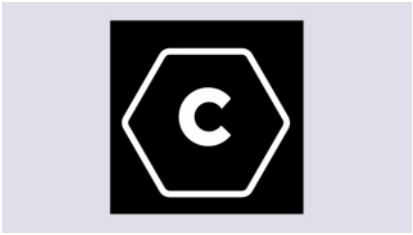
LOCATION OF CHARGING PORT SYMBOL



The charging port symbol is located on the inside of the charging port cover plate, aiding in identifying the correct power type for charging.

Before charging, please check the symbol on the inside of the charging port cover plate and compare it with the symbol on the charging connector.

MEANING OF CHARGING PORT SYMBOLS



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



DC charging (50~500V) at a charging station.



DC charging (200~920V) at a charging station.



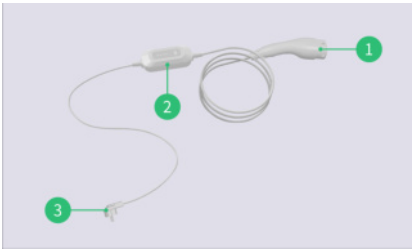
Please refer to this manual for correct charging methods and precautions.

ATTENTION

- Using an incorrect or damaged socket or using the charging connector in a manner not as specified may lead to vehicle damage.

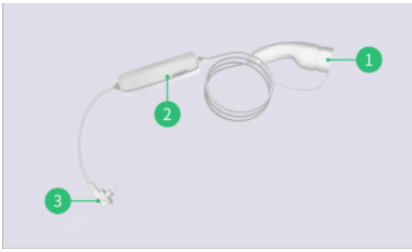
AC CHARGING GUN

AC CHARGING GUN (EUROPEAN STANDARD POWER SUPPLY END PLUG)*



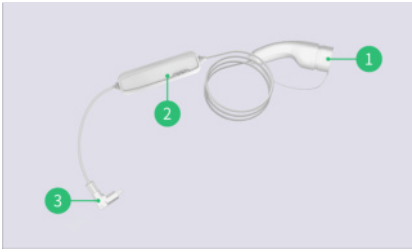
1. Charger
2. Control box
3. Power supply plug

AC CHARGING GUN (TYPE N POWER END PLUG)*



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

AC CHARGING GUN (TYPE L POWER END PLUG)*



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

AC CHARGING PLUG (M3 DOUBLE-ENDED CABLE)*



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.

CHARGING METHOD

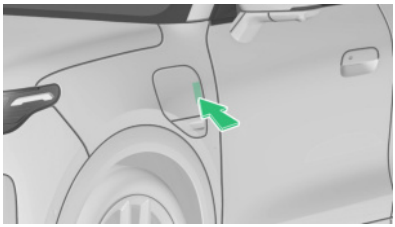
PRE-CHARGING INSPECTION

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.

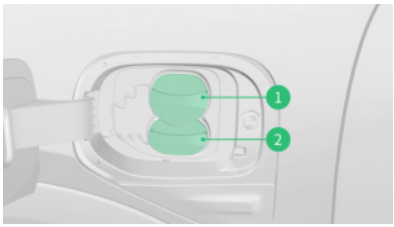
CHARGING OPERATION INSTRUCTIONS

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.
- When using DC fast charging, open the AC slow charging port protective cover ① 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 protection cover and vehicle charging port cover.

ATTENTION

- Do not flush the charging port while charging to avoid damage to the vehicle or charging equipment.
- After charging, if you are unable to pull out the charger, please do not force the charger out, but contact Leapmotor Service Center or authorized dealer.
- Minors are prohibited from using charging equipment, and minors are prohibited from approaching during charging operations.
- Before driving, be sure to disconnect the charging equipment from the charging port.
- After charging, please be careful to close the protective cover, charging port lid, and cover plate to avoid rain, snow, or other foreign objects from entering.
- Please charge correctly according to the charging operation instructions. Charging via makeshift extension cables and similar operations are strictly prohibited to avoid safety accidents.

NOTE

- For the use of portable charging connector equipment, please refer to the product manual.
- Please use charging connector equipment that meets national standards. Vehicle damage caused by the use of inferior charging connector equipment is not covered by the warranty.
- When the vehicle is charging, the radiator fan may automatically turn on and work, which is normal.
- Charging with the air conditioning system turned on will extend the charging time.
- When the vehicle is charging, if the charging connector still cannot be removed after multiple unlocking attempts, you can try to unlock the charging connector 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 scheduling slow charging function in the "Settings - Charging" interface on the infotainment screen. After the function is enabled, the charging time and charging limit priority function can be set.

NOTE

- For daily use, we recommend that you prioritize the scheduled charging mode, which will be beneficial to extend the life of the power battery and slow down the power battery degradation.
- Appointment charging is only available in scenarios where the vehicle is being charged using an AC charger.

VEHICLE DISCHARGING

DISCHARGING INSTRUCTIONS

The vehicle has a function to discharge to external loads.

NOTE

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

INSPECTION BEFORE DISCHARGING

Before discharging, please check the discharging connection equipment and the charging port:

- 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 discharging connection equipment to the AC slow charging port, and then connect 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 discharging connection equipment, close the AC slow charging port protection cover and charging port cover plate, and properly place the discharging connection equipment.

WARNING

- Before discharging, please ensure that the load is turned off.
- 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 forbidden to insert foreign objects into any part of the discharge connection equipment.
- It is forbidden to use the discharging connection equipment in rainy days, snowy days, thunderstorms or other severe weather.
- When the vehicle is prohibited from discharging, disconnect the discharge connection equipment.
- If it rains during discharge, do not let the rainwater flow into the cable and cause moisture to the discharge connection equipment or vehicle discharge port.
- Do not insert the discharging connection equipment when the discharging vehicle is in 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.
- Always protect the discharging connection equipment from moisture, water and foreign matter. Do not use discharging connection equipment that has been or may be damaged or corroded.
- Do not use detergent to clean the discharging connection equipment.
- 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

THE PROTECTIVE ROLE OF THE SEAT BELT

The vehicle and occupants in motion both have kinetic energy. The magnitude of kinetic energy depends on the vehicle speed, and the mass of the vehicle and its occupants. The greater the speed and mass, the greater the kinetic energy released during a collision.

Drivers and occupants who do not wear seat belts will, due to inertia, continue to move forward at the pre-collision speed after a vehicle collision, while the vehicle does not move together with the drivers and occupants at this time, which may result in serious injuries to the drivers and occupants.

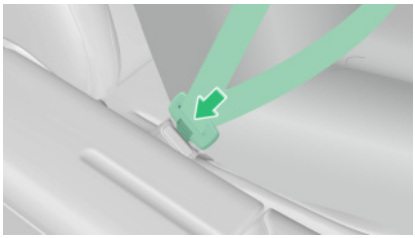
After fastening the seat belt, when the vehicle collides, the seat belt can restrain the driver and occupants in the proper position, slow down their forward inertia to prevent being thrown out, and ensure that the driver and occupants receive the best protection from the airbag, minimizing the impact injuries as much as possible.

⚠ WARNING

- Before every trip, every occupant in the vehicle must fasten their seat belt, and suitable child restraint systems must be provided for accompanying children.
- Even if the speed of the vehicle is low, the force acting on the human body in the event of a collision is very great, and the driver and occupants cannot control their bodies with their hands. Unbelted drivers and occupants may be thrown out and hitting any object inside the vehicle can cause serious personal injury.
- The rear-row passengers must also wear the seat belt properly. Otherwise, occupants may be thrown violently when an incident occurs. Rear-row passengers who are not wearing seat belts may not only injure themselves, but also endanger the others in the vehicle.
- Do not install decorations or devices on the seat belt that prevent the seat belt from locking, to avoid the seat belt failing to provide protection in the event of an incident.
- Do not tilt the seat backrest back too far, as this will seriously affect the protection of the seat belt.
- Do not let children play with the seat belt to avoid accidental injury.
- We recommend using seat belts for occupants who are ill, disabled, or otherwise impaired. You can also obtain effective advice by consulting your doctor.
- Do not place a cushion between the occupant's body and the seat backrest, as the cushion will affect the seating position and reduce the protective effect of the seat belt.
- Under no circumstances is it permitted to privately disassemble or modify the seat belt.
- Seat belts must be replaced when the incident vehicle is checked and repaired, regardless of whether they are damaged.

CORRECTLY WEAR THE SEAT BELT

WEAR THE SEAT BELT



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

1. Adjust the correct sitting posture.
2. Slowly and smoothly pull the seat belt out from the retractor, pass it over the chest and hips, and insert the deadlock into the corresponding latch until you hear a click.
3. Pull the seat belt deadlock to confirm that the seat belt deadlock is properly buckled.
4. Adjust the seat belt position so that the shoulder belt portion of the seat belt crosses diagonally over the entire shoulder, but does not touch the neck or slip off the shoulder, and so that the lap belt portion of the seat belt crosses as low as possible over the hips.



The rear seat also requires proper use of the seat belt.

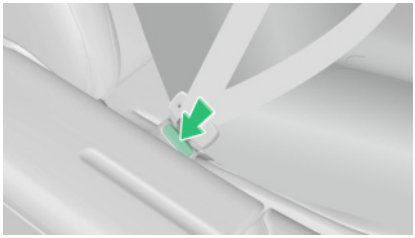
WARNING

- Ensure the seat belt is worn correctly; improper wearing of the seat belt increases the risk of injury or death in the event of a collision.
- Before fastening the seat belt, please ensure the seat is adjusted to the correct position.
- It is strictly forbidden to use seat belt latch plate substitutes to insert into the seat belt buckle to eliminate the seat belt unfastened warning.
- If the lap portion of the seat belt is positioned too high or is too loose, it may cause the occupant to slide and suffer serious personal injury or even life-threatening injuries during a vehicle collision or other accidents.
- Do not place the seat belt under your arm, to avoid the seat belt failing to provide protection in the event of an incident.
- Do not fasten the seat belt over clothing with hard, fragile, or sharp objects, as this may increase the risk of injury or death.
- One seat belt is for one occupant only. Never share a seat belt with other people (including children).
- Seat belts are designed only for adult-sized occupants. Children should sit in the rear seats and use suitable child restraint systems until they grow to a size suitable for wearing seat belts.
- A twisted seat belt cannot provide effective protection. In a collision, it may even cut you. Please ensure the seat belt lies flat against your body without twisting. If the seat belt cannot be pulled straight, please contact the authorized dealer or authorized dealer.

NOTE

- Other seat belts are worn in the same way, and it is the driver's responsibility to remind other occupants to wear their seat belts properly.
- The seat belt must be fastened at all times while driving.

UNFASTENING THE SEAT BELT



1. Hold the seat belt portion next to the buckle to prevent the seat belt from retracting too quickly.
2. Press the red unlock button on the seat belt buckle, and the deadlock will pop out.
3. Slowly feed the seat belt back into the retractor.

WARNING

- It is prohibited to unbuckle the seat belt while the vehicle is in motion or before coming to a complete stop to avoid serious injury in the event of an incident.
- When the seat belt is not in use, it shall be fully retracted and shall not hang loosely. If the seat belt cannot fully retract, it is recommended to contact the authorized dealer.

ATTENTION

- Take care to prevent foreign objects such as food crumbs, fruit shells, buttons, coins, sticky liquids, etc. from falling into the seat belt buckle. It may cause the seat belt reminder function and the latch locking or unlocking function to fail.
- To prevent the seat belt from rewinding too quickly and hitting surrounding areas or rewinding too slowly and getting stuck, please manually return the seat belt to its original position after unbuckling.

- Ensure the seat belt retracts smoothly. If the seat belt cannot retract smoothly, pull out the seat belt to check for twists or kinks.
- Before closing the door, make sure the door does not catch the seat belt. Otherwise the seat belt and door will be damaged.

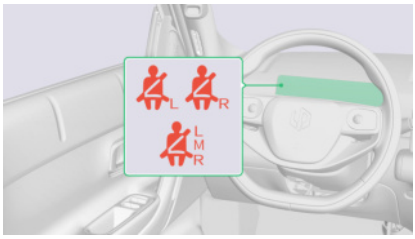
PREGNANT WOMEN SHOULD CORRECTLY WEAR THE SEAT BELT

When a pregnant woman wears a seat belt, place the shoulder belt portion evenly across the chest, position the lap belt portion as low as possible across the hips, keep the seat belt flat and snug, and do not place the shoulder belt portion or the lap belt portion over the abdomen.

WARNING

- When driving during pregnancy, you should adjust the seat and steering wheel to make it easier to maintain control of the vehicle. In this case, you should try to adjust the seat position to maximize the distance between your abdomen and the steering wheel.
- When riding as a passenger during pregnancy, you should try to sit in the rear seats to avoid secondary injuries to the abdomen caused by the airbag deployment in the event of an accident.
- If a pregnant woman uses the seat belt incorrectly, the seat belt may cause serious or even life-threatening injuries to the mother and the fetus during emergency braking or a 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.
- When the vehicle reaches a specific speed and the front seat belt is not fastened, the instrument cluster buzzer will emit a warning sound.

SEAT BELT INSPECTION AND MAINTENANCE

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 quickly pull the seat belt at the position closest to the buckle; the buckle should remain securely locked.
2. Unfasten and retract the safety belt as much as possible. Check if the pulled-out seat belt is too loose, examine the wear and tear of the seat belt, and see if the seat belt retracts smoothly.
3. Pull the seat belt out halfway, hold the latch plate, and pull it forward quickly; the retractor should automatically lock to prevent over-unwinding.

If any safety belt fails to pass any of the above inspections, please contact the authorized dealer.

WARNING

- The seat belt should be checked for tangles both before and after use.

- If the safety belt is worn, torn, or damaged in any other forms, please contact the authorized dealer.
- Seat belts need to be kept clean, and the sockets free of foreign objects that could interfere with the reliable engagement of the seat belt buckle.
- Do not insert objects similar to locking tabs into the socket to stop the seat belt alarm.
- Do not install, remove, modify, dismantle, or scrap seat belts privately. When repairs are required, it is recommended that you contact an authorized dealer.
- Please carefully check that the safety belt and safety 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 authorized dealer.
- Do not use solvent to clean the seat belt, use only neutral soap and warm water to clean the seat belt.
- Do not bleach or dye the seat belt, as this will severely weaken the strength of the seat belt. After cleaning, the seat belt should be wiped clean and dried in a cool place.
- Do not retract the seat belt into the retractor before it is completely dry.
- If the seat belt system does not work properly, such as the seat belt failing to retract or lock, you should immediately contact a Leapmotor service centre or an authorised service provider. Do not use the corresponding seat until the seat belt is repaired.
- Seat belt systems (including bolts) used in a vehicle involved in a serious collision incident must be replaced. The assembly should be replaced, even if it is slightly damaged.

AIRBAG

THE PROTECTIVE ROLE OF AIRBAGS

When the vehicle encounters some severe collisions, the airbag will quickly inflate and deploy, working in conjunction with the seat belt to reduce the risk of serious injury to people in the car when an accident occurs.

The Airbag cannot replace the seat belt. It is an integral part of the vehicle's entire passive safety protection system and serves as a supplement to the seat belt. The Airbag can only provide maximum protection when working together with a correctly worn seat belt.

The Airbag is developed and matched for the specified Model. Modifications to the suspension, tyres, bumpers, chassis, and original parts will all have adverse effects on the Airbag. Do not transfer any parts of the Airbag to other vehicles, otherwise it may cause the Airbag to fail and result in personal injury.

⚠ WARNING

- In the event of a severe collision, the Airbag will deploy rapidly in an extremely short time. Therefore, occupants must maintain a correct sitting posture and wear seat belts to avoid serious injury. In the event of an emergency braking situation, the drivers and passengers who are not wearing seat belts may be propelled forward into the area where the airbag deploys. The high-speed deployment of the airbag could result in injuries or even life-threatening situations for the drivers and passengers.
- Do not fix, hang, or attach any objects in the deployment area of the Airbag (dashboard area, front seats, and the edges of both sides of the vehicle roof), otherwise these objects may injure the occupants when the Airbag deploys.
- Front occupants must not hold children, pets, or objects, as the airbag may cause serious injury or even endanger life if triggered during an incident.
- Do not place luggage or other items under the front seats.
- Do not place your feet, knees, or any other body parts over or near the Airbag to avoid personal injury when the Airbag deploys.
- Drivers and occupants are prohibited from leaning their heads or bodies against the doors. Otherwise, when the Front side airbags or Side air curtains deploy, the body will suffer a strong impact, which can easily cause serious or even life-threatening injuries. Please be sure to pay attention especially when children are on board.
- The Airbag system has strong anti-interference ability against surrounding electromagnetism, but to avoid accidents, please do not use the vehicle in electromagnetic environments exceeding national permissible limits.

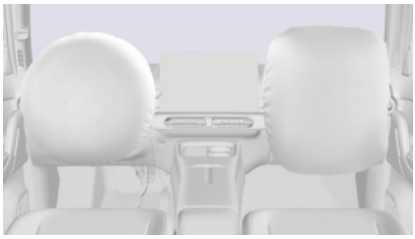
- If the airbag cover plate is cracked or damaged, do not use the vehicle and contact an authorized dealer immediately.
- After the Airbag is deployed, avoid touching the middle of the Airbag bracket or the inside of the Airbag.
- After the airbag deploys, the airbag component will become hot. Do not touch to avoid burns.
- Do not strike the airbag component to avoid accidental deployment of the airbag.
- The Airbag system has fully taken into account various common misuse situations and road conditions. However, to avoid accidents, please do not subject the bottom of the vehicle to impact or drive roughly in harsh road environments.
- Do not wet the seat backrest as this may prevent the side airbag system from functioning properly.
- Do not cover or replace the seat back cover yourself. Improperly fitting seatback cover replacements or covers can interfere with the deployment of the seat side airbag in a crash.
- 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 wear safety belts to reduce the risk of casualties caused by an incident.
- Do not modify the seat or its internal components.
- The airbag can only work once. If it is triggered by an incident, please contact the authorized dealer.
- Do not modify the Body Type of the vehicle 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:

- Frontal airbags.
- Front side airbag.
- Curtain airbag.
- Far-side airbag.

FRONT AIRBAG



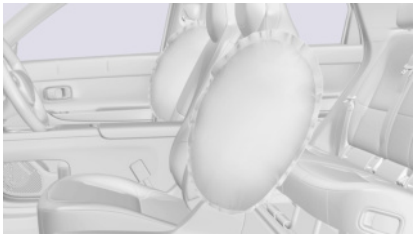
The driver's front airbag is located on the steering wheel, and there is an airbag sign with "AIRBAG" on the steering wheel. The front passenger's front airbag is located in the instrument panel in front of the front passenger, and the airbag logo with the word "AIRBAG" is marked on the instrument panel.

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 should keep a distance of more than 25 cm from the steering wheel when riding to avoid injury to the driver caused by the impact force when the airbag is deployed.

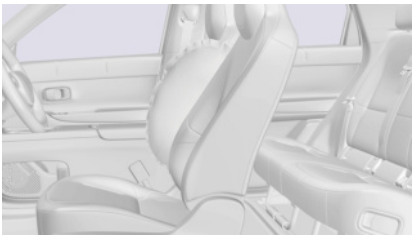
FRONT SIDE AIRBAG



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.

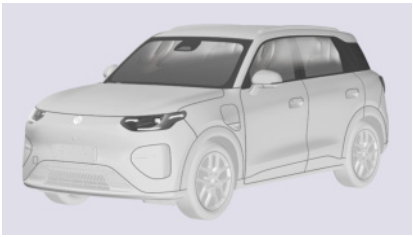
FAR-SIDE AIRBAG



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.

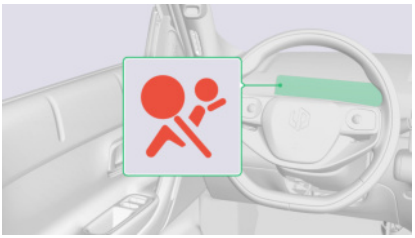
SIDE CURTAIN AIRBAG



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 A-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. If the following conditions occur, it indicates that there is a fault in the system:

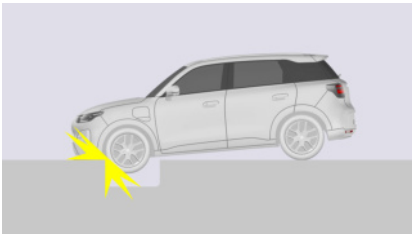
- After the vehicle is powered on, the indicator light does not light up during self-test.
- After the vehicle is powered on and the system completes self-test, the indicator light does not go out.
- The indicator illuminates when the vehicle is running.

⚠ WARNING

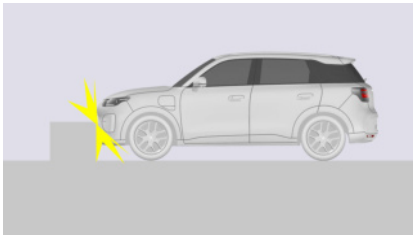
- Do not attempt to repair, adjust or modify the airbag.
- When there is a fault in the airbag system, it is recommended to contact the Leapmotor Service Centre or authorised service store.

SITUATIONS WHERE AIRBAGS MAY DEPLOY

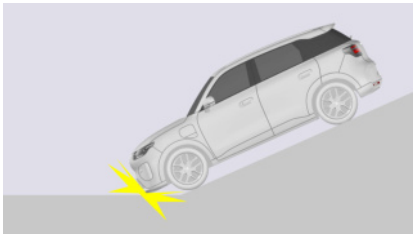
The airbag may deploy in the following situations:



- When crossing a deep potholed road, the front of the car hits the ground.



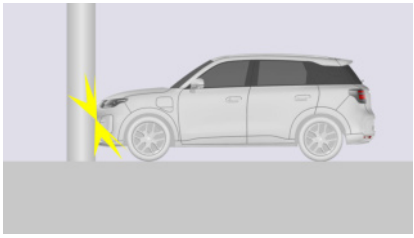
- Hitting a bump on the roadside, a kerbstone, etc.



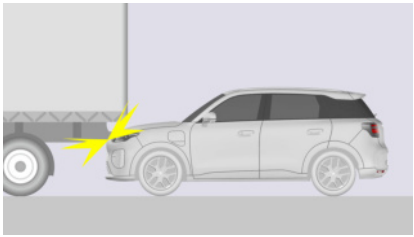
- When going down a steep slope, the front of the vehicle hits the ground.

SITUATIONS WHERE THE AIRBAG MAY NOT DEPLOY

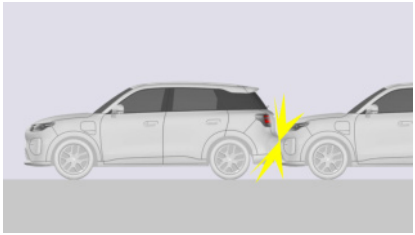
The airbag may not deploy in the following situations:



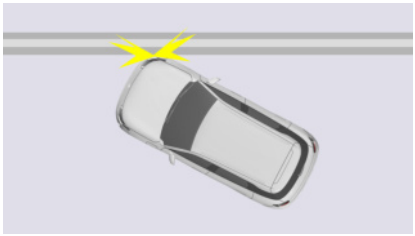
- Impact with trees, concrete pillars, or other slender objects in a frontal collision.



- 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.

REPLACING AIRBAG SYSTEM COMPONENTS

If the airbag system does not work properly, it will not be able to protect the occupants of the vehicle in the event of an incident, which can lead to serious injuries or even threaten life. To ensure that the Airbag system can function properly after a collision, the Airbag should be checked regularly and replaced if necessary.

WARNING

- It is strictly prohibited to privately repair, adjust, or modify airbag components, harnesses, and software, otherwise it may cause the airbag system to fail to operate properly and may fail or activate unexpectedly in the event of an incident, increasing the risk of injury.
- If the airbag cover plate is cracked or damaged, do not use the vehicle and contact an authorized dealer immediately.
- Airbag systems deployed in a vehicle collision incident must be replaced.
- If the vehicle is to be discarded, the airbag which does not deploy will be a potential hazard. Therefore, the airbags must be deployed by professional personnel in a certain circumstance before the vehicle is discarded.
- When selling or transferring your vehicle, ensure that the new owner is aware that the vehicle is equipped with Airbags and knows the replacement date of the Airbag system.

CHILD RESTRAINT SYSTEM

CHILDREN'S RIDING INSTRUCTIONS

When you are travelling 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 sit on the safety seat or safety cushion instead of holding it in your arms or sitting on your lap to fully protect the child's safety.

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 safety lock should be used.
- The child restraint system may be hot under sunlight. Please check the temperature of the child restraint device before riding to avoid scalding children.

ATTENTION

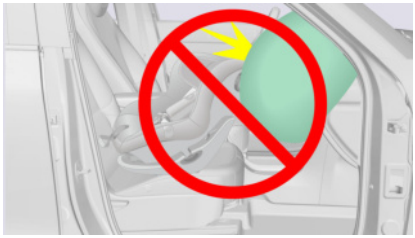
- In order to effectively protect children, please select the child restraint system correctly according to their age, height and weight, and use seat belts or child restraint systems for restraint and protection.

AIRBAG WARNING LABEL



Extremely dangerous! 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

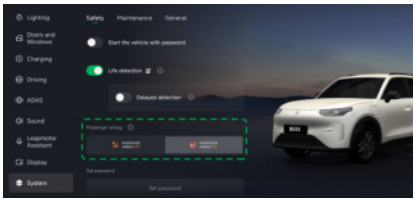
- Do not install a rear-facing child safety seat on the co-pilot seat without turning off the co-pilot airbag, otherwise in the event of an accident, the impact force of the rapid deployment of the co-pilot frontal airbag will cause serious injuries or even endanger life to the child.

FRONT PASSENGER AIRBAG OFF

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 CID, touch the front passenger airbag ON/OFF button to turn on/off the front passenger airbag.

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 CHOOSING CHILD SAFETY SEATS

There are various types of child safety seats available on the market; we recommend using an approved seat that is suitable for your child.

⚠ WARNING

- Please choose a child safety seat that is appropriate for your child.
- If a child is too large to use a child safety seat, they should sit in the back seat and wear a seat belt properly.

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

Height	Manufacturer	Model	Connect
40~83cm	Maxi Cosi	Pebble 360	Seat Belt
76~105cm	Britax Römer	TriFix2isize	ISOFIX and Top Tether
100~150cm	Britax Römer	Kidfix iSize *	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.

INFORMATION ON THE SUITABILITY OF CHILD RESTRAINT SYSTEMS

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

Item	Seating position					
	Driver's side	Front passenger side (front passenger airbag OFF)	Front passenger side (front passenger airbag deployed)	Rear left (*a)	Rear middle	Rear right (*a)
Seat position suitable for universal seat belt (yes/no)	No	Yes (*d)	Yes (*b) (*d)	Yes	No	Yes
Seat position suitable for i-Size (yes/no)	No	No	No	Yes	No	Yes
Seating position suitable for lateral fixture (L1/L2) (yes/no)	No	No	No	No	No	No
Seating position suitable for the largest rearward-facing fixture (R1/R2X/R2/R3)	No	No	No	(R1/R2X/R2/R3)	No	(R1/R2X/R2/R3)
Seating position suitable for the largest forward-facing fixture (F2X/F2/F3)	No	No	No	(F2X/F2/F3)	No	(F2X/F2/F3)
Seating position suitable for the largest booster seat fixture (B2/B3)	No	(B2/B3) (*c)	(B2/B3) (*c)	(B2/B3)	No	(B2/B3)

Note:

(*a): The headrest can be adjusted or removed as needed, but do not remove the headrest when using a booster cushion without a seat backrest.

(*b): Do not install a rear-facing child restraint system in the front passenger seat if the airbag is activated.

(*c): Only for seat belt installation.

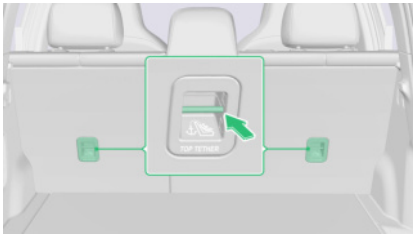
(*d): Adjust the seat backrest to an upright angle until there is sufficient contact between the seat belt and the anchorage.

ISOFIX INTERFACE



The ISOFIX interface is located at the junction of the rear seat back and the seat cushion. Press the concave mark on the upper part of the flip cover, pull up the bottom of the flip cover until it is fully opened, and you can see the ISOFIX interface wire.

TOP TETHER INTERFACE



The top tether interface is located behind the rear seat backrest.

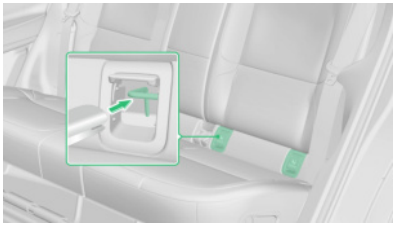
INSTALLATION OF CHILD RESTRAINT SYSTEM

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.

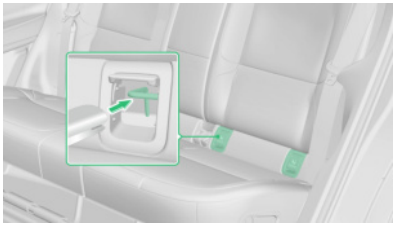


3. Slide the child restraint system locking mechanism into the ISOFIX interface and ensure that both ISOFIX locking mechanisms are properly secured.
4. Pull out the seat belt, operate and fasten the seat belt according to the instructions of the child restraint system manufacturer, and ensure that the 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.

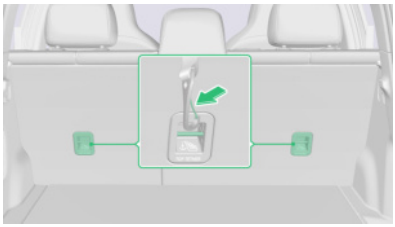
INSTALLATION OF CHILD RESTRAINT SYSTEM USING ISOFIX INTERFACE AND TOP TETHER INTERFACE

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.



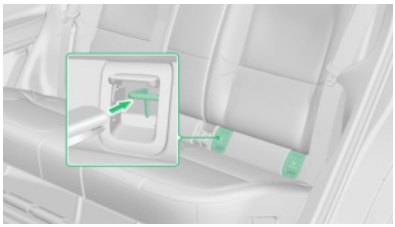
3. Slide the child restraint system locking mechanism into the ISOFIX interface and ensure that both ISOFIX locking mechanisms are properly secured.



4. Connect the top tether hook of the child restraint system to the Top tether interface wire on the rear side of the seat backrest until a "click" sound is heard to complete the fixation. Be careful not to curl the top tether strap. When fixing it, 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 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.

- After the child restraint system is installed, if the front seat cannot be adjusted to its normal use state, it shall not be used.

COMBINATION INSTRUMENT

INSTRUMENT CLUSTER DISPLAY INFORMATION



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

Speedometer: displays the current travelling speed of the vehicle in km/h (kilometres/hour)/mph (miles/hour).

Right information display screen: can be switched to display map, media, or energy consumption information.

Gear display: displays the current gear of the vehicle.

Remaining battery and driving range display: displays the remaining range that the vehicle can continue travelling with the current battery level.

Acceleration mode display: displays the current acceleration mode of the vehicle.

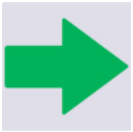
Outdoor temperature display: displays the outdoor temperature of the vehicle.

Time display: Displays the current time.

NOTE

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

INSTRUMENT CLUSTER INDICATOR

Icon	Name	Description
	Left turn signal indicator	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	Description
	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	When the vehicle is in a drivable state, 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	Description
	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 Center or authorized 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 Center or authorized 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.

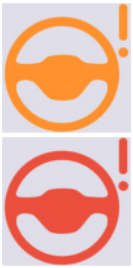
Icon	Name	Description
	Tire pressure fault indicator	This indicator lights up when the tyre pressure system is abnormal, or when any tyre pressure signal is abnormal, or in the event of an air leak, overpressure, underpressure, overtemperature, or low battery.
	Airbag fault indicator	When the airbag 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	Description
	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 meets the available state, this indicator lights up.
	FSRA working indicator	When the adaptive cruise control is working, this indicator lights up.
	Lane centering assist system available status indicator	This indicator lights up when the lane centering assist system is in an available state.
	Working indicator light of lane centering assist system	When the lane centering assist system is working, this indicator lights up.
	LCC system pause status indicator	When the lane centering 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	Description
	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	Description
	Vehicle system MIL	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.
	Vehicle insulation fault indicator	When the vehicle insulation fails, this indicator light will be on.
	Driver assistance function fault indicator	This indicator lights up when some driver assistance functions fail.

Icon	Name	Description
	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	Description
	Lane departure warning/lane keeping assist available status indicator	This indicator lights up when the lane departure warning/lane keeping assist is available.
	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 Center or authorized service store.
- Due to vehicle configuration differences and later OTA upgrades, the instrument cluster interface may change. Please refer to the actual vehicle display.

CENTRAL CONTROL PANEL

INFORMATION DISPLAYED ON THE MAIN INTERFACE



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

Top bar: Display power, vehicle lock, mobile phone wireless charging, Bluetooth, network, fault alarm and GPS status display, etc.

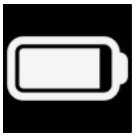
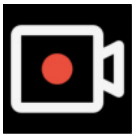
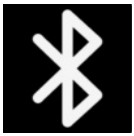
Shortcut card: Display quick cards for navigation, multimedia, energy consumption, etc.

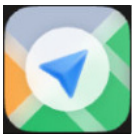
Bottom bar: shortcut keys for displaying the main interface, applications, air conditioning control, volume adjustment, etc. Long press the bottom bar area except the main interface button to customise the display and arrangement order of the application, control function and status of the bottom bar.

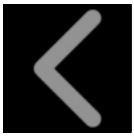
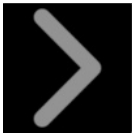
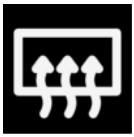
WARNING

- 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.

SHORTCUTS

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 screen brightness, rearview mirror adjustment, charging gun unlocking, window lock, steep slope descent control, guard 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 a cell to add or delete functions, press and hold the cell and drag it to edit the function position.

VEHICLE SETTINGS

Touch the setting button on the bottom bar of the central control screen or the application centre setting icon to control functions such as lights, 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 light: fully on, fully off.
- Turn on or off the automatic high beam.
- Turn on or off the lighting delay.
- Turn on or off the automatic reading light.
- Turn on or off the light signal.

In the "Atmosphere Light*" interface, you can touch to set the following functions:
- Ambient light: on, off 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.
- 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 gun unlocking: Touch the charging gun unlocking icon to unlock the charging gun.
- Safety current limit: After the function is turned on, the maximum current of the portable charging gun is 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.

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.
- 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. Click the combined function setting in the trigger option, and you can complete multiple function settings by pressing 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. After the function is turned on, it prevents the vehicle from slipping under emergency driving conditions. Turning off the electronic stability system will increase the risk of vehicle loss of control. Please turn it off with caution.
- Wet mode: The wet mode can be turned on or off. Turning on the wet mode on slippery roads can prevent the vehicle from skidding. It is not recommended to turn it on non-slippery roads.
- 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 maximise 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 and high.
- Intermittent wiper speed setting: can be set to slow, medium, fast or extreme.

INTELLIGENT DRIVING

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

- Lane centering assist: The lane centering 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, toggle the turn signal lever 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 speed limit 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 front vehicles is less than the safe distance and there is an emergency collision risk, it will display an alarm screen through the instrument cluster and emit an alarm prompt sound to remind the driver.
- 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, during driving, the system monitors other vehicles driving in the area on both sides of the front in real time, emits a prompt sound to remind the driver that a vehicle is approaching, and brakes when there is a risk of collision. The auxiliary mode can be selected as 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.
- 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, when the system detects that there are other vehicles approaching behind and there is a risk of collision during vehicle driving, the system will issue an alarm message and turn on the hazard warning lights to remind the rear vehicles to slow down or maintain a safe distance.
- Rear cross traffic assist: The rear cross traffic assist function can be turned on or off. After the function is turned on, when the vehicle is reversing, the system monitors other vehicles driving in the area on both sides of the rear vehicle in real time and emits a prompt sound to remind the driver that there are vehicles approaching. 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 realise 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.
- Narrow lane auxiliary image*: The narrow lane auxiliary image function can be turned on or off. After the function is turned on, when driving at a low speed to a narrow road section, the 360 image will be automatically turned on.

SOUND

In the "Sound" interface, you can set the following functions:
- Volume adjustment: Touch to adjust the volume of media, navigation, telephone 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.
- Reduce media sound during navigation: Touch to turn on or off the function of reducing media sound 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.
- Equaliser: can be set to custom, pop, rock, classical, dance music, jazz and other equalisers.

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 the wake-up word and set the continuous conversation duration after waking 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 car 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.
- Set the maximum speed limit password: Touch the set password button and enter the password to complete the setting.
- 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 touch to 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.
- Tire pressure calibration: Touch the "Calibration" button to calibrate the tire pressure.
- Front wiper maintenance: Touch to turn on or off the front wiper maintenance function.
- Rear wiper maintenance: Touch to turn on or off the rear 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 touch 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

Tap the Bluetooth icon in the top bar to enter the "Bluetooth" interface. In the "Bluetooth" interface, paired devices and other discoverable devices will be displayed. You can tap to select the device you want to connect to set up 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 time startup.

WARNING

- For your driving safety, do not set up Bluetooth connections while 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: Touch the icon to turn on or off the WLAN function. 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.

APP CENTER

Tap the app icon at the bottom bar of the central control screen to enter the app centre interface. You can select the corresponding application and tap to enter.

NOTE

- This manual only describes some app contents. Due to different vehicle configurations and your app installation and uninstallation, the actual vehicle apps shall prevail.

VEHICLE STATUS

Tap the vehicle status app in the app 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 the Bluetooth phone, please ensure that the vehicle and the mobile phone are paired and connected via Bluetooth. After the Bluetooth connection is successful, tap the phone app in the app centre to enter the "Bluetooth Phone" interface.

You can select a specific contact from the call log and contact list, then tap the contact to make a call. In this interface, you can also dial the contact's phone number using the numeric keypad.

WARNING

- For your driving safety, do not use the numeric keypad while the vehicle is in motion to prevent incidents.

ZERO LISTEN

Tap the Lingting icon at the bottom bar of the central control screen or tap the Lingting app in the app centre to enter the Lingting interface, where you can switch the audio source to Bluetooth music or USB media.

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

SCENE MODE

Tap the scene mode app in the app centre on the central control screen to enter the "Scene Mode" interface.

- Guardian mode: enabled when the battery level is higher than 20%. The air conditioning will remain on after the vehicle is locked and powered off. Please do not leave children or pets in the vehicle for a long time.
- Camping mode: In this mode, the external discharge function remains available after the vehicle is locked, and the Bluetooth automatic unlocking/locking is temporarily disabled. When the battery level is lower than the set value, it will automatically exit the camping mode and turn off the air conditioning.
- Experience mode: The vehicle must be in the parked state to turn on this mode. After it is turned on, the vehicle is incapable of travelling, and you can experience the vehicle statically.
- Car wash mode: Turning on the car wash mode will disable the auto-lock when leaving the vehicle, close the windows, and switch the air conditioning to internal circulation to meet the cleaning needs of your vehicle. 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.
- Power supply upon leaving mode: In this mode, the non-sensing Bluetooth key will not automatically lock the vehicle after leaving it this time, and the power supply inside the vehicle will be maintained. Actively locking the vehicle will exit this mode, and it will also automatically exit when the battery level is lower than 20%. Please do not leave children or pets alone in the vehicle.

ZERO MOTION SPACE

Tap the Lingdong Space app in the app centre on the central control screen to enter the "Lingdong Space" interface. In this interface, you can create custom scenarios and freely combine vehicle functions to meet the usage needs of different scenarios with a single touch.

SPEECH 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 activate the voice recognition function.
- In the "Settings - Leapmotor Assistant" interface, tap the "Voice Wake-up" button to turn on the voice wake-up function. After activation, the voice assistant can be directly activated by uttering the wake-up phrase "Hi, Leapmotor".

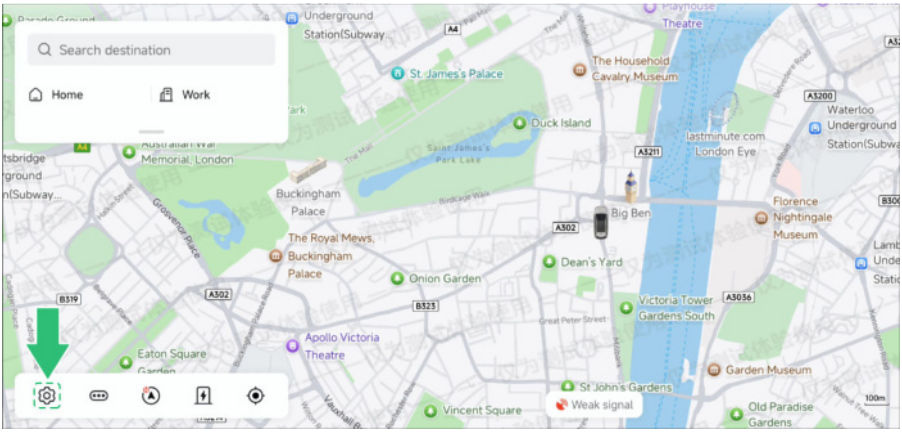
NOTE

- After waking up the voice assistant, the system will respond. At this time, you can say the function or operation you want to realise, such as "open the window", and the IVI system will recognise it and open the window. Press the voice button on the right side of the steering wheel again to turn off the voice recognition function.

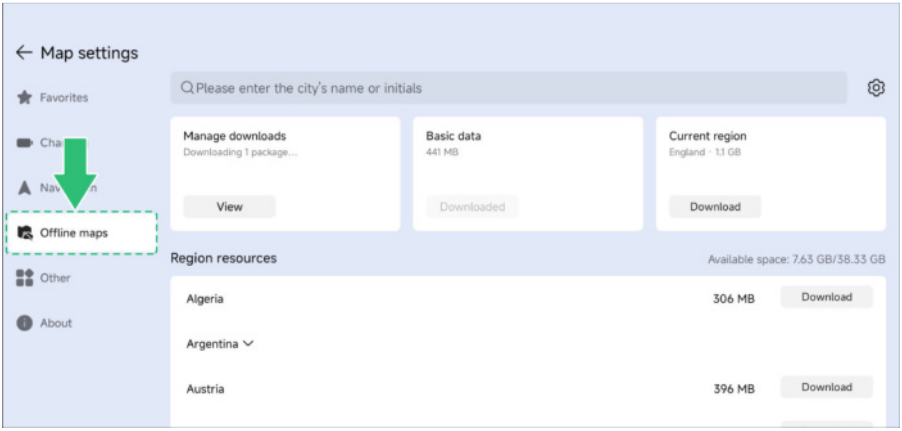
MAP UPDATE

When you need to update the map, follow these steps:

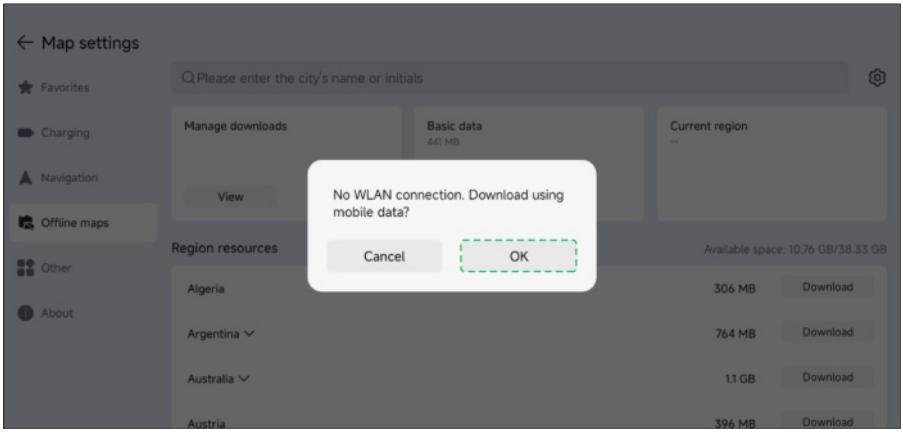
1. Touch the navigation card or navigation application icon on the main interface of central control panel, enter the map interface.



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



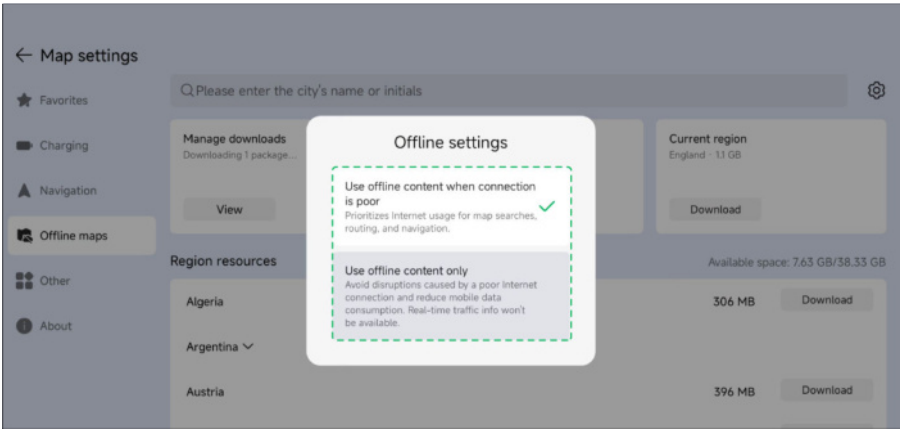
3. Offline map: Click "Offline Map" in the navigation bar to view the download status of the offline map list (downloadable/downloaded).



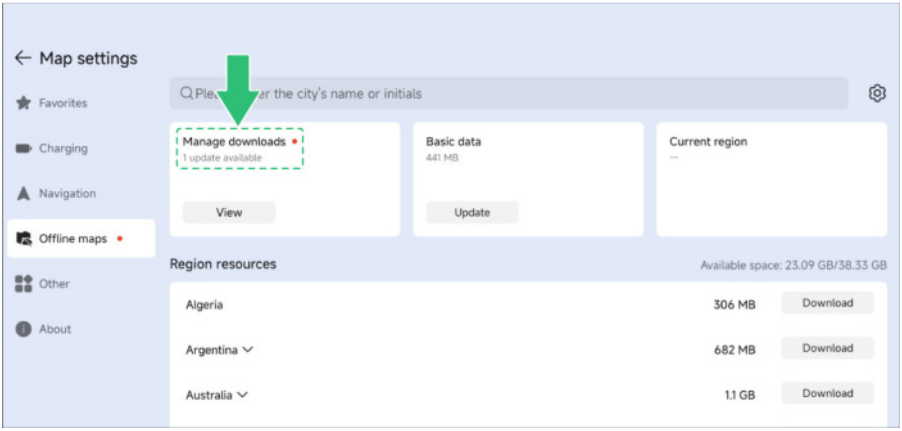
4. Regional resources: support searching and pulling down to view offline map resources displayed by city or country level. After clicking "Download", if there is no WLAN connection at present, it will prompt "No WLAN connection, do you want to use mobile network to download?" You can download after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

This vehicle is equipped with OTA upgrade function. The steps for OTA are as follows:

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

2. Read and tap to agree to the information shown on the upgrade prompt interface, tap "Confirm", and wait for the installation. If you tap "Cancel", for the next installation, you can tap 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 the instrument cluster may restart multiple times, and functions such as window control and vehicle unlocking/locking may be temporarily unavailable.
4. After the upgrade is completed, the system will restart and the vehicle can be used normally.

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 infotainment screen gives message feedback until the conditions are met to start upgrading the infotainment system.
- During the upgrade process, the vehicle is incapable of travelling, and the upgrade interface is displayed on the central control screen and the instrument cluster, preventing other operations.
- If the upgrade fails, some vehicle function experiences may be abnormal (such as inability to charge or release the electronic parking brake), and there will be corresponding fault prompts on the central control screen. If the vehicle cannot be driven or the vehicle power cannot be switched to the "READY" state, it is recommended to contact the Leapmotor service centre or an authorised service store for assistance.

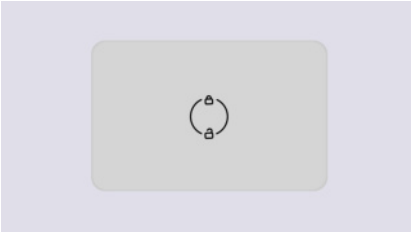
MOBILE CONNECTIVITY

The mobile phone interconnection methods are as follows:

1. Open the IVI Bluetooth interface and turn on the IVI Bluetooth.
2. Turn on Bluetooth on the iPhone/Google phone and enter the Bluetooth interface.
3. The vehicle Bluetooth searches for the mobile phone Bluetooth device to be connected; tap to pair.
4. After both sides agree, the vehicle will prompt whether to switch to CarPlay or Android Auto.
5. Tap to confirm to connect and display the corresponding screen casting interface.
6. Pull down the shortcut bar and select CarPlay/Android Auto; tap again to disconnect.

CAR KEYS

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 are using any medical electrical devices, such as a pacemaker or implantable cardioverter defibrillator, please confirm with the manufacturer of the medical electrical device whether the NFC key affects the normal use of the implanted device before using the NFC key.

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 component. Please avoid hitting, disassembling, or placing it in places with high temperature (such as on the dashboard in summer), high humidity, and strong vibration.
- If the NFC key is lost or damaged, it is recommended to contact the Leapmotor Service Center or authorized service store as soon as possible to avoid vehicle theft or accidents.
- Do not put the NFC key in the boot, as it may be accidentally locked in the vehicle.
- Do not bend the NFC key forcefully.
- Do not immerse the NFC key in water or wash it in an ultrasonic washer.
- Do not place the NFC key together with devices that emit electromagnetic waves, such as mobile phones.
- Do not attach any objects that may block electromagnetic waves (such as metal seals) to the NFC key.
- Spare keys can be registered for the same vehicle. For detailed instructions, it is recommended that you contact an authorized dealer.
- NFC key is near-field communication, and recognition requires full contact.
- The recognition distance of the NFC key is within 1~2cm, and the recognition time may take 1~2s.
- Do not place the NFC key near or in contact with metal or magnetic materials.
- Do not attach 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 shall make sure the vehicle is locked before leaving.

MECHANICAL KEY



If the NFC key* or Bluetooth key does not work, you can use the Mechanical Key to unlock/lock the driver's side door, but you cannot start the vehicle.

NOTE

- The mechanical key is provided separately with the vehicle. Please store the mechanical key separately and keep it properly to avoid loss.

BLUETOOTH KEY

The Bluetooth key is integrated into the Leapmotor App, which can be used to unlock/lock the vehicle at close range when the network is abnormal or the App cannot be used for remote unlocking/locking.

A Bluetooth connection is established between the phone and the vehicle, and authentication is completed to be recognized as a legitimate key:

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

BLUETOOTH KEY FUNCTION

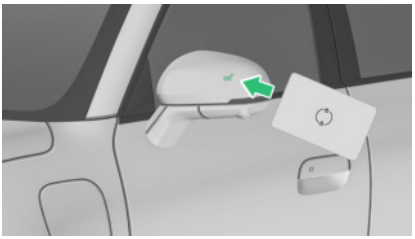
No.	Function
1	Auto unlocking when near the vehicle
2	Stay away from vehicle automatic locking
3	Bluetooth disconnect auto-lock
4	The unlocking and locking of the main driver seat door handle button
5	Self-troubleshooting function
6	OTA remote upgrade

NOTE

- To use the Bluetooth key, please first turn on the Bluetooth of your mobile phone and the IVI system, and turn on the mobile phone location information.
- Within the effective range of the vehicle, you can use the Bluetooth key in the Leapmotor App to operate the above functions, and the operation can also be used normally without a network.
- In order to ensure the normal use of the Bluetooth key function and obtain a better Bluetooth experience, please update the Version of the mobile phone Leapmotor App in time.

DOOR

DOOR UNLOCKING/LOCKING WITH NFC KEY*



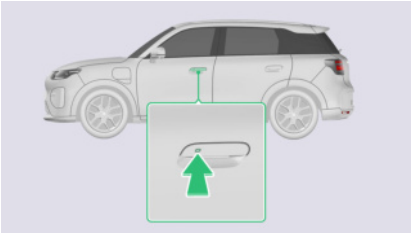
Use a legal NFC key to gently touch the card swiping area (driver's exterior rearview mirror) for more than 1 second. After the vehicle detects the NFC key, it can realise the unlocking/locking function.

NOTE

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

DOOR UNLOCKING/LOCKING WITH BLUETOOTH KEY

After the mobile phone Bluetooth is effectively connected to the 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 the Bluetooth key, it is necessary to turn on the Bluetooth function of the mobile phone and enable its location information.

UNLOCK/LOCK THE DOORS USING THE STEERING WHEEL BUTTONS

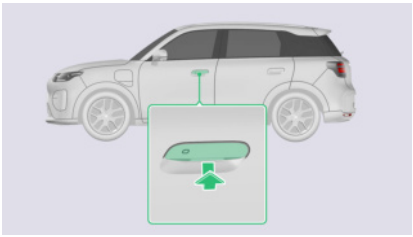


When all doors are closed, press the central unlock/lock button on the steering wheel to unlock/lock all doors.

UNLOCK/LOCK THE DOORS USING THE BUTTONS ON THE CENTER CONSOLE

When all doors are closed, tap the "Central Lock" hotspot icon on the homepage of the center display or the central lock icon on the top bar to unlock/lock all doors.

OPENING THE DOOR FROM OUTSIDE



When the vehicle is unlocked, put your hand into the outer handle and pull it up to open the door.

INNER DOOR 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

- Do not pull the inner door handle while driving.

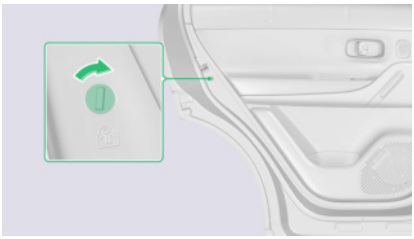
ATTENTION

- After the child safety lock is turned on, the rear door cannot be opened from inside. At

this time, the door should be unlocked and opened from 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 rotate it towards the front of the vehicle to open the child safety lock; rotate it towards the rear of the vehicle to close the child safety lock.

ATTENTION

- When the child safety lock is on, do not leave children alone in the vehicle to avoid accidental injury.
- When the child safety lock is turned on, you need to confirm its status to prevent it from failing to turn on.

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 and the door cannot be opened from inside. 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 NOT CLOSED ALERT

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

COLLISION AUTO UNLOCKING

In the event of a collision, the doors will be automatically unlocked to facilitate passenger escape.

NOTE

- Whether the doors unlock automatically when the vehicle suffers a strong impact depends on the specific force of the impact and the type of incident.
- When Automatic unlocking on collision is triggered, all locking functions will be disabled until any door is opened, after which the corresponding locking functions can be resumed.

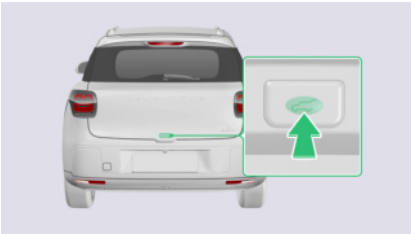
AUTOMATIC DOOR LOCKING WHILE DRIVING

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

LIFTGATE

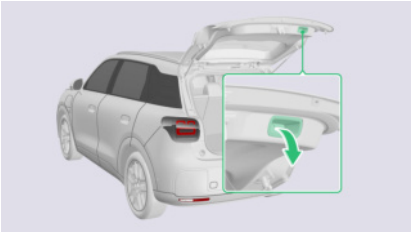
OPEN/CLOSE TAILGATE

OPENING THE TRUNK LID



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 back door handle and pull it down. When the back door drops to a proper position, press it quickly with both hands until it is locked.

WARNING

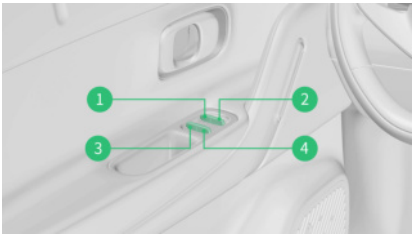
- When opening or closing the back door, operate slowly to prevent pinching or vehicle damage.

NOTE

- When the tailgate cannot be opened normally, it can be opened from inside the vehicle in an emergency. For details, please refer to the "Emergency Rescue - Product Information - Emergency Device Information" section.

POWER WINDOW

DRIVER SIDE WINDOW CONTROL



1. Front left power window control button
2. Front right power window control button
3. Rear left power window control button
4. Rear right 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 lowering.

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.

THE CENTER CONSOLE CONTROLS THE WINDOWS

The windows can be set in the "Settings - Doors & Windows" screen of the infotainment screen.

- Set the current window position to fully close, fully open, or ventilation.
- Set the window lock function on or off. When 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 the windows to avoid getting pinched.
- When closing the windows, please ensure that the heads, hands, and other parts of all

drivers and occupants are kept away from the windows to avoid accidental injury.

NOTE

- Refer to the driver's side window button for the use of other window buttons.
- Please check that the vehicle windows are fully closed before leaving.
- When a single window is raised and lowered multiple times consecutively, the window may enter a protection state. At this time, the window cannot be operated to raise or lower, and it will return to normal after about 2 minutes.
- The windows must be initialized before the automatic rising and lowering function is available. If the windows cannot be automatically raised and lowered, re-initialization is required.

WINDOW ANTI-PINCH FEATURE

The vehicle has anti-pinch features on all four doors' windows. During the automatic rising of the window, if an obstacle is detected that hinders the window's operation, the window will reverse its movement for a certain distance and then stop.

WARNING

- Light or small items cannot interrupt the operation of the window, and the anti-pinch feature may not work.
- It is strictly prohibited to use any part of the body to test the anti-pinch function.
- Despite the anti-pinch protection, it is still necessary to ensure that the closing area of the window is clear. However, in special cases (such as when the obstacle is thin or soft), the activation of the anti-pinch function cannot be guaranteed.
- When driving in special road conditions, closing the windows may trigger the anti-pinch feature.
- Do not operate when there is an obstacle in the window area to avoid pinching or damaging the window.

ATTENTION

- Triggering the anti-pinch function 3 times consecutively at the same position will lose the initialisation. The initialisation operation needs to be redone to restore the automatic window lifting function.

WINDOW INITIALIZATION

The window initialisation operation is as follows:

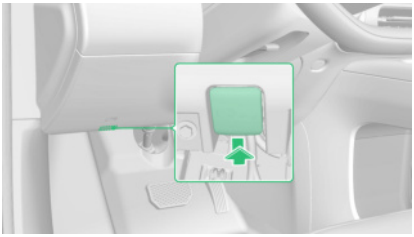
1. Close the door.
2. Manually lower the window to the bottom limit.
3. Manually raise the window to the top limit and hold it for more than 3 seconds. Release the button after the motor stops working.
4. Manually lower the window to the bottom dead center to complete the window initialization.

NOTE

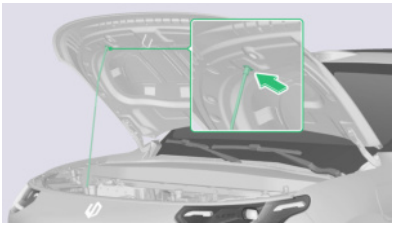
- After the initialisation is lost, the window can still be raised/lowered manually. The automatic window raising/lowering function can be restored after redoing the window initialisation.

BONNET

FRONT ENGINE HOOD OPENING



1. Pull up the front compartment cover opening handle at the lower left of the instrument panel 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.

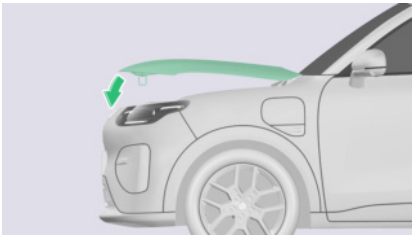
WARNING

- 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.

FRONT ENGINE COMPARTMENT COVER CLOSED



Retract the support rod, then slowly lower the front cabin cover to a certain height, release the front cabin cover and let it fall freely and ensure that it is locked in place.

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.

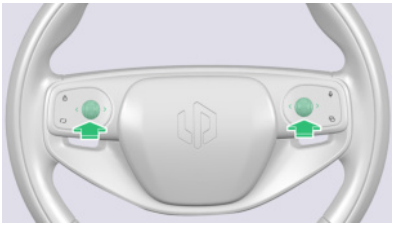
NOTE

- Do not press the front compartment cover hard to avoid damage.
- Before closing the front engine compartment cover, check that no tools or waste cloth are left in the front engine compartment.
- If the front engine cover is not completely closed, reopen it and then close it correctly.

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 weather, water drops are likely to remain on the exterior rearview mirrors, which will obstruct the driver's vision and affect driving safety. The Heated exterior mirrors function heats the lenses of the exterior rearview mirrors to evaporate water drops on the lenses, thereby keeping the exterior rearview mirrors clear.

On the "Settings - Driving - Rearview Mirror Adjustment" interface of the center display, you can tap the "Heat" button to turn on or off the Heated exterior mirrors function.

WARNING

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

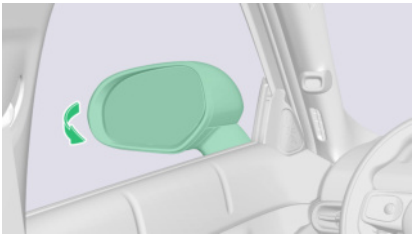
ELECTRIC FOLDING OF EXTERIOR REARVIEW MIRROR*

When the exterior rearview mirrors are unfolded, tap the "Fold" button on the "Settings - Driving - Rearview Mirror Adjustment" interface of the center display to activate the Exterior rearview mirrors power folding. When the exterior rearview mirrors are folded, tap the "Unfold" button, and the exterior rearview mirrors will unfold electrically.

AUTOMATIC FOLDING OF EXTERIOR REARVIEW MIRRORS AFTER VEHICLE LOCKING*

After enabling the automatic folding/unfolding function of the exterior rearview mirrors on the "Settings - Driving - Rearview Mirror Adjustment" interface of the center display, the exterior rearview mirrors will automatically unfold when the vehicle is unlocked, and automatically fold when the vehicle is locked.

MANUAL FOLDING OF EXTERIOR REARVIEW MIRRORS



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

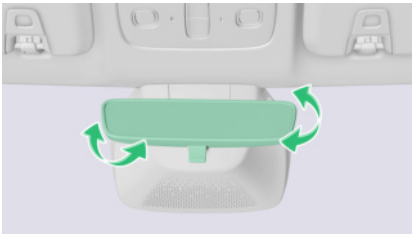
ATTENTION

- 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

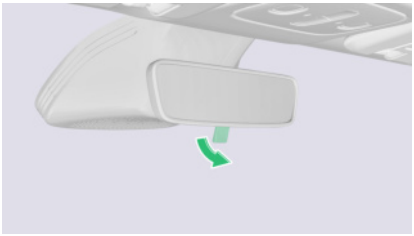
INTERIOR REARVIEW MIRROR ADJUSTMENT

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



Turn the Anti-dazzling interior rearview mirror (manual) up, down, left, and right to adjust it to a suitable rearview position.

MANUAL ANTI-GLARE



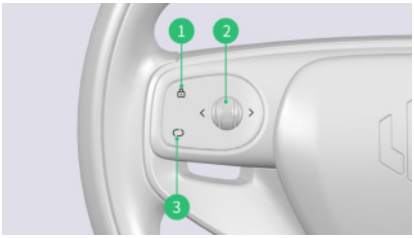
When the light from the vehicle behind is too strong, toggle the flip handle at the lower end of the Anti-dazzling interior rearview mirror (manual) to turn the mirror surface by an angle to prevent the driver from being dazzled.

WARNING

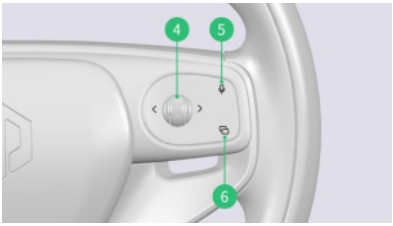
- Do not adjust the Anti-dazzling interior rearview mirror (manual) while driving, so as not to distract your attention and cause the driver to lose control of the vehicle, resulting in danger.
- When adjusting the Anti-dazzling interior rearview mirror (manual), do not adjust it violently if it is stuck, so as to avoid causing the mirror to fall off.
- Do not install any objects around the Anti-dazzling interior rearview mirror (manual) to avoid affecting the driver's observation of the road conditions.
- Do not hang a heavy object on the interior rearview mirror or shake or drag it hard.

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.

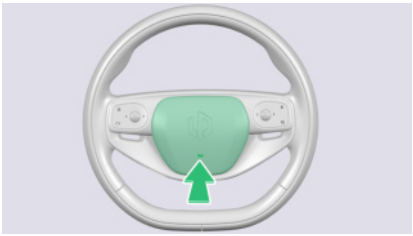
5. Voice button
   - Press the button to enable the voice recognition function.

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

NOTE

- Press and hold the left scroll wheel and the voice button simultaneously for more than 10 seconds to restart the central control screen.

HORN



Press the horn button area in the centre of the steering wheel to sound the horn, and release to stop sounding.

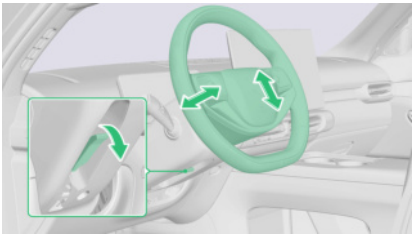
ATTENTION

- Do not press the horn button area for a long time, otherwise the horn will be easily damaged.

NOTE

- Do not use the horn at will in restricted areas (authorities, schools, military bases, hospitals, residential communities, 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 Heated steering wheel function can make the steering wheel warm in cold seasons.

On the "Seats" interface of the center display, you can turn on or off the Heated steering wheel function.

Tap the settings button to turn on or off the automatic heated steering wheel function. After the function is turned on, the system will automatically turn on the Heated steering wheel when the temperature is low.

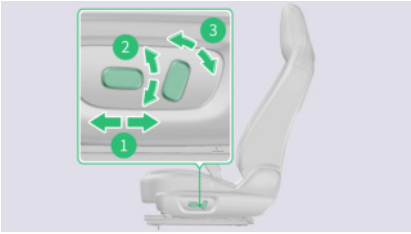
ATTENTION

- After the Heated steering wheel function is turned on, if you do not feel any temperature change or it gets too hot for a long time, you should immediately turn off this function, and it is recommended to go to a Leapmotor auto service centre or an authorised service shop for maintenance in time.

SEAT

FRONT DRIVER'S SEAT

6-WAY ELECTRIC ADJUSTMENT*

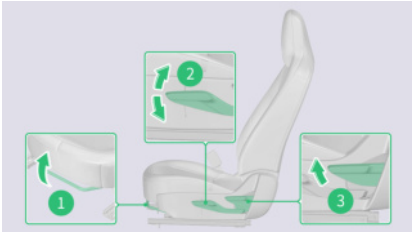


Seat forward and backward position adjustment: Push the seat position adjustment switch forward or backward in the direction indicated by arrow ①, and the seat will slide forward or backward. Release the adjustment switch and the seat stops sliding.

Seat height adjustment: Push up or down the seat position adjustment switch in the direction indicated by arrow ②, and the seat will rise or fall. Release the adjustment switch to stop lifting and lowering the seat.

Seat backrest angle adjustment: 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 and the backrest stops tilting.

6-WAY MANUAL ADJUSTMENT*



Seat forward and backward position adjustment: Pull the unlocking lever upward in the direction indicated by arrow ①, then lean your body against the seat lightly to 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.

Seat height adjustment: In the direction indicated by arrow ②, repeatedly pull up or press down the adjustment handle to raise or lower the seat. Release the adjustment handle to stop raising and lowering the seat.

Seat backrest angle adjustment: 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, release the adjustment handle, and the backrest is locked.

WARNING

- Be careful when adjusting the seat to ensure that other passengers will not be injured when the seat moves.
- Do not put your fingers or other parts of your body under the seat, otherwise you may be pinched by the seat.
- During driving, please do not adjust the seat to avoid the driver 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 forbidden to add seat covers to the seats to avoid the side airbags not being

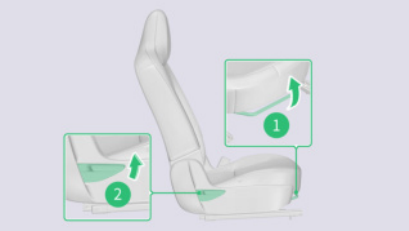
able to deploy normally when a collision accident occurs.

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 MANUAL ADJUSTMENT



Seat forward and backward position adjustment: Pull the unlocking lever upward in the direction indicated by arrow ①, then lean your body against the seat lightly to 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.

Seat backrest angle adjustment: 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.

Laying down the front passenger's seat: first move the seat to the rearmost position and lock it, adjust the seat back angle unlocking handle, and lay the seat forward.

WARNING

- Be careful when adjusting the seat to ensure that the occupants are not within the range of seat movement.
- Do not put your fingers or other parts of your body under the seat, otherwise you may be pinched 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 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 forbidden to add seat covers to the seats to avoid the side airbags not being able to deploy normally when a collision accident occurs.

ATTENTION

- When the front passenger's seat is folded forward, it must be moved to its rearmost position first; otherwise, the seat headrest may interfere with the instrument panel and cause damage to the vehicle.

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 SEAT HEATING*

Tap the seat icon on the central control screen A/C interface to enter the "Seat" interface, where you can set the Heated front seats function.

Tap the corresponding seat heating button to switch in turn: heating off → heating level 3 (maximum) → heating level 2 → heating level 1 (minimum) → heating off.

Tap the settings button on the seat interface to turn on/off the auto heating function. Once this function is enabled, when the temperature is low

and there are occupants in the front seat positions, the system will automatically turn on the seat heating.

Tap the close all button to turn off the activated seat heating and Heated steering wheel functions*.

Tap the one-key heating button to turn on the driver/front passenger seat heating and Heated steering wheel functions* with one key.

WARNING

- If you are sensitive to temperature changes, please do not use the seat heating function to avoid being burned or causing discomfort.
- Do not use the heating function when the seat is wet.
- Do not use the seat heater at the highest setting for a long period of time to avoid burns to the driver and occupants.
- Do not use any insulating items, otherwise it may cause an overheating risk to the seat heating system.
- 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. The internal electrical components of the seat may be damaged otherwise.
- If the seat temperature does not change or it gets too hot for a long time after the seat heating function is turned on, the seat heating function should be turned off immediately, and you should contact the Leapmotor service centre or an authorise service shop for maintenance in time.

NOTE

- Once the temperature of the seats or the temperature of the cockpit reaches the desired temperature, it is recommended to turn off the seat heating to reduce the vehicle energy consumption.

DRIVER SEAT DEPARTURE REMINDER

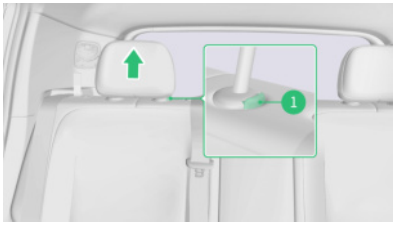
The vehicle is equipped with a driver seat departure reminder function. When the vehicle power is in the 'READY' state, if the driver leaves the seat, a pop-up alarm will appear on the instrument cluster accompanied by a prompt tone to remind the driver to drive safely.

REAR SEAT ADJUSTMENT

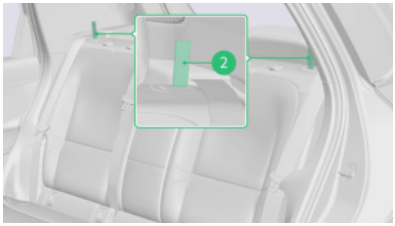
FOLD DOWN THE REAR SEATBACKS

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

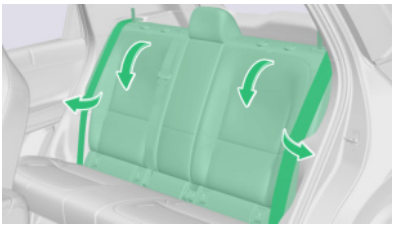
1. Ensure that the vehicle is parked, and check that there is no debris on or around the seat surface that might affect the folding of the backrest.



2. Keep pressing the headrest lock button ①, and remove the outer headrest of the backrest.



3. Pull up the rear seat unlock strap ② to unlock the rear seat backrest.



4. Pull the seatbelt webbing on both sides of the rear seat toward the doors, smoothly push the rear seat backrest to be folded forward (40% or 60% section) until it fits the cushion, and then release the seatbelt webbing.

RESTORATION OF REAR SEAT BACKREST

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

1. Ensure that the vehicle is parked, check that there is no seatbelt entangled in the backrest hinge area, and no luggage blocking the junction between the backrest and the boot.



2. Pull the seatbelt webbing on both sides of the rear seat toward the doors, pull up the rear seat backrest to the locked position. Upon hearing a "click", the backrest is fully locked. Release the seatbelt webbing and reinstall the outer headrest.
3. Press forward/backward at the top of the backrest respectively to confirm that there is no abnormal displacement and ensure it is firmly locked.

FLIP UP THE REAR SEAT CUSHION



Fold the rear seat cushion:pull the latch ① outward to unlock the cushion, and then flip up the cushion until it is locked.

Restore the rear seat cushion:pull the latch ① outward to unlock the cushion, and then flip down the cushion until it is locked.

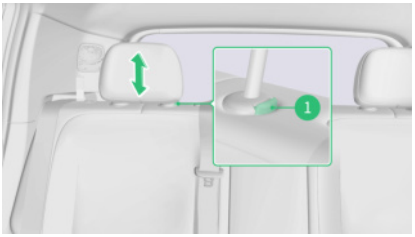
ATTENTION

- When folding the rear seat, make sure that there are no objects on the rear seat and that the seat belts are not connected, otherwise the rear seat may be damaged.
- When folding and restoring the rear seat backrest, operate slowly to avoid damage to the rear seat belts or abnormal function caused by rapid folding of the backrest.

NOTE

- When an occupant is seated in the rear seat, the seat headrest must be raised to a position appropriate for the occupant's head.

REAR HEADREST HEIGHT ADJUSTMENT



Raise: Pull the headrest upwards to a suitable position to adjust the headrest height upwards.

Lower: Press the headrest lock button ① and push the headrest downwards to a suitable position.

Remove: Press the headrest lock button ① and pull the headrest upwards to remove the headrest.

Installation: Align the headrest with the mounting holes and push it down to the locked position. Press the headrest lock button ①, and adjust the headrest down to the appropriate position at the same time.

WARNING

- The headrest should be adjusted correctly according to the height of the occupant for optimum 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 requires the headrest to be raised and locked before use.
- Do not use this seat after removing the headrest. In the event of an incident or rapid acceleration or deceleration, seats without headrests do not provide the necessary protection for the head and may cause serious injury.

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.

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

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

Intermittent: The wiper wipes at a certain time interval.

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

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

NOTE

- If the surface of the front windshield 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 windshield.
- Before washing the car, please make sure that the windshield wiper is in the off position.

FRONT WINDSCREEN WASHER



After the vehicle is powered on, short press the washing switch button at the top of the front wiper operating lever to turn on the point wiping function, and the wiper will wipe once.

Press and hold the washer switch button for a long time, and the front washer will spray washing liquid. After releasing it, the front washer will stop spraying washing liquid, and the wiper will wipe at low speed 3 times. After a few seconds, it will wipe again 1 time and then stop moving.

ATTENTION

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

REAR WIPER CONTROL



After the vehicle is powered on, toggle the rear wiper switch on the wiper operating lever to select the rear wiper wiping gear.

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

Wiping gear: The rear wiper wipes at certain time intervals.

Washing gear: The rear washer sprays washer fluid.

REAR WINDSHIELD WASHER

With the vehicle powered on, push the rear wiper switch on the wiper operating lever upward to the position and hold it; the rear washer will spray washer fluid accompanied by wiper wiping. Upon release, the rear washer stops spraying washer fluid, and the rear wiper continues to wipe.

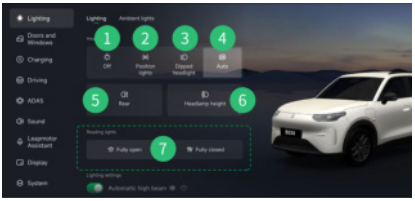
Push the rear wiper switch on the wiper operating lever downward to the position and hold it; the rear washer will spray washer fluid. Upon release, the rear washer stops spraying washer fluid, while the rear wiper wipes 3 times, wipes 1 more time after a few seconds, and then stops moving.

ATTENTION

- The windshield washing function should not be used for too long each time, otherwise it may damage the windshield washing system motor.
- When using the windshield washing function, please close the liftgate; otherwise, the windshield washing fluid may splash inside the vehicle.
- Please use different types of washing fluid according to the driving environment. Do not add water; otherwise, the windshield washer system may freeze in cold weather, causing vehicle damage.

EXTERIOR LIGHTING

LAMPS CONTROLLED BY CENTRAL CONTROL PANEL





The exterior 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. Automatic light button
5. Rear fog lamp ON/OFF button
6. Headlamp height adjustment button
7. Reading lamp control button
8. Automatic high beam switch
9. Lighting delay switch
10. Automatic reading light button
11. Light signal

TURN OFF THE LIGHT

Touch the light off button to turn off all lights outside the car.

TURN ON THE POSITION LAMP

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

TURN ON THE LOW BEAM

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

TURN ON AUTOMATIC LIGHTS

Touch the automatic lighting button to turn on the automatic lighting 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 the button again to turn off the rear fog lights.

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. The gears can be selected from 0 to 4, with the headlight height at level 0 being the highest and the headlight height at level 4 being the lowest.

READING LAMP CONTROL

The reading light can be fully turned on or off.

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.

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.

LIGHT SIGNAL

After the function is turned on, when the vehicle is charging, the front position lights will show the corresponding lighting effect and then go out.

WARNING

- When driving in foggy weather, turn on the rear fog lights and slow down, honk the horn to remind other pedestrians and vehicles.

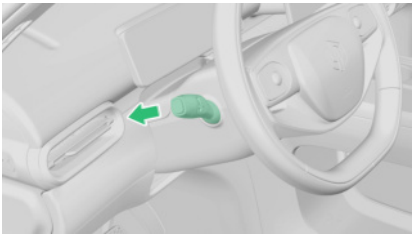
NOTE

- 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.

- To ensure your driving safety, the exterior lights do not support voice control during driving.

THE OPERATING LEVER CONTROLS THE LIGHTS

TURN ON THE HIGH BEAM



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.

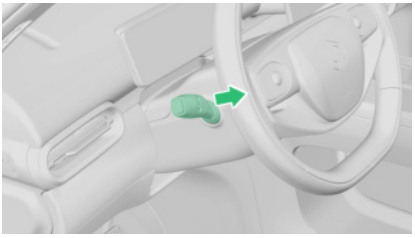
WARNING

- 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.

REVERSE LIGHT

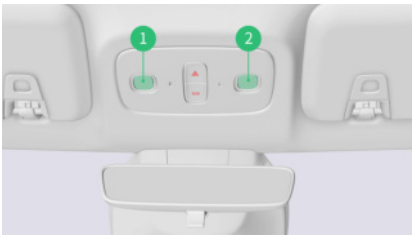
After the vehicle is started, when the gear is switched to R gear, the reversing lamp lights up; when the gear is away from the R gear, the reversing lamp goes out.

DAYTIME RUNNING LIGHTS

The Daytime running lights will light up automatically when the vehicle is in "READY" status and the headlamps are not lit, making it easier for other traffic participants to notice your vehicle.

INTERIOR LIGHTS

FRONT READING LAMP



1. Front left reading light
2. Front right reading light

With the front Read lights off, press the left/right front Read light to turn on the left/right front Read light, and press it again to turn off the front Read light on the corresponding side.

The auto Read lights function can be turned on through the "Settings - Light" interface on the central control screen. Once this function is turned on, the Read lights will automatically light up or go out according to the status of the doors and the vehicle power supply.

WARNING

- Avoid using the front Read lights when travelling at night. Bright lights may affect the safe driving of the driver and cause traffic accidents.

AMBIENT LIGHT*

Ambient light improves interior brightness in low light conditions and creates a softly lit environment in the cockpit.

On the "Settings - Light - Ambient Light" interface of the central control screen, you can make the following settings for the ambient light:

- Set ambient light on/off/auto.
- Ambient light color adjustment.
- Set ambient light static/monochrome flashing/ color changing flashing effect.
- Adjust ambient light brightness.
- Turn on/off ambient light. After the light language is turned on, corresponding lighting effects will be automatically displayed in specific scenarios (such as charging status and vehicle startup).
- Turn on/off the music rhythm.

TRUNK ILLUMINATING LIGHT

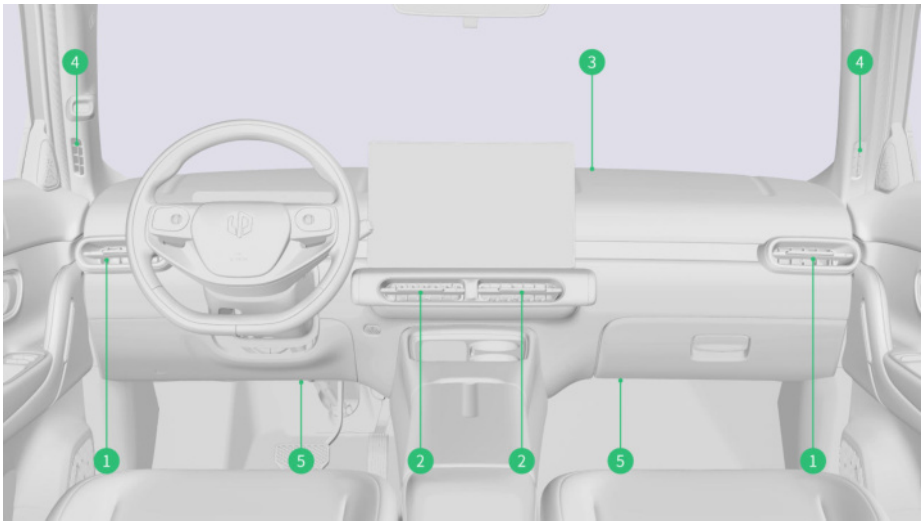


Open the tailgate, and the Rear trunk light will light up. Close the tailgate, and the Rear trunk light will go out.

AIR CONDITIONING CONTROL SYSTEM

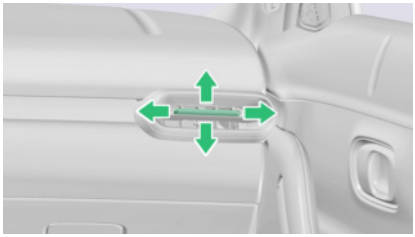
A/C VENT

LOCATION DISTRIBUTION OF A/C AIR OUTLETS



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

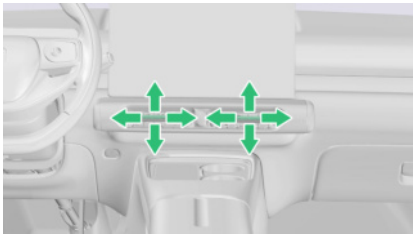
DRIVER SIDE AIR OUTLET ADJUSTMENT



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

Move the air outlet fork left and right to adjust the air volume of the air outlet, and push it toward the outside of the vehicle to the limit position 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.

Move the air outlet fork left and right to adjust the air volume of the air outlet, and push the forks on both sides toward the car to the limit position to close the air outlet.

AIR CONDITIONER CONTROL PANEL



1. Front windshield defrost button
2. Rear window defrost button
3. Internal and External Circulation Buttons
4. Auto-play button
5. Cooling button
6. Heat button
7. Ventilation button
8. Air conditioning control buttons
9. Driver-side temperature control zone
10. Passenger-side temperature control zone
11. Fan Speed Settings
12. Defrost button
13. Face-blowing mode button
14. Foot-air mode button
15. Air conditioning on/off button
16. Maximum Cooling Button
17. Economy Mode Button

TURN THE AIR CONDITIONER ON/OFF

Tap the air conditioner's on/off button to turn the air conditioning system on or off.

TEMPERATURE SETTINGS

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

NOTE

- The temperature in this vehicle is adjusted simultaneously for both the driver's and front passenger's sides.
- The temperature displayed on the center console screen is the target setpoint, not the actual temperature inside the vehicle.

FAN SPEED SETTINGS

Drag or tap the airflow slider to adjust the airflow from the vent. The airflow settings range from 1 (lowest) to 9 (highest).

AIRFLOW MODE SETTINGS

Tap the button corresponding to the airflow direction to select the current airflow mode:

- Face-blowing mode: Tap Press the button to activate the facial breeze mode, which directs the airflow primarily toward the passenger's face and upper body; this mode is primarily used in the summer.
- Show-off mode: Tap Press the button to activate the foot-warming mode, which directs the airflow primarily toward the passenger's feet. This feature is primarily intended for use in winter.
- Defrost mode: Tap Press the button to activate the defrost mode, which is primarily used to clear fog or prevent windows from fogging up, especially in winter or on rainy days.
- Face and Foot Mode: Tap Press the button to activate the face and foot air mode, which directs the airflow primarily toward the passenger's face and feet. This mode is primarily used in the spring and fall.
- Defrost mode: Tap Press the button to activate the foot-warming and defrosting mode, which directs the airflow primarily toward the passenger's feet and the window glass. This feature is primarily used for cold starts in winter.

INTERNAL/EXTERNAL AIR CIRCULATION MODE

Tap the "Internal/External Circulation" button to switch the air circulation mode between Auto Circulation, Internal Circulation, and External Circulation.

- Auto Circulation: Automatically adjusts the air circulation mode based on indoor and outdoor environmental conditions.
- Recirculation: The air conditioning system circulates only the air inside the vehicle and does not draw in outside air.
- External circulation: The air conditioning system draws in fresh air from outside the vehicle, filters, cools, or heats it, and then circulates the treated air into the passenger compartment.

WARNING

- Please do not use the recirculation mode for extended periods, as this can cause carbon dioxide levels inside the vehicle to rise, making it difficult for occupants to stay alert.
- When driving on dusty roads, please turn on the recirculation mode.
- When there is a significant difference between the temperature and humidity inside and outside the vehicle, using the recirculation mode can easily cause the windows and windshield to fog up, thereby impairing the driver's visibility and potentially leading to traffic accidents.

AUTOMATIC AIR CONDITIONING MODE

Tap the Auto button to activate automatic climate control mode. The following functions will be automatically controlled based on the set temperature:

- Airflow at the outlet.
- Airflow mode.
- Internal/external air circulation mode.

- In automatic climate control mode, we recommend setting the temperature between 22°C and 26°C for optimal comfort.

COOLING MODE

Tap the cooling button to activate cooling mode.

ATTENTION

- Make sure the air intake grille in front of the windshield is not blocked (e.g., by fallen leaves or snow).
- Do not place any items on the dashboard, as this may block the air vents and interfere with the defrosting of the windshield.
- Do not rest in the vehicle for extended periods of time to avoid breathing difficulties or suffocation caused by closed windows or poor ventilation.

NOTE

- When the outside temperature is below 5°C, the system cannot be set to cooling mode.
- In cooling mode, press the heating button to switch from cooling to heating mode.
- In cooling mode, condensation is drained out of the vehicle through the drain pipe, so water may drip from underneath the vehicle; this is normal.
- You can control the air conditioner's functions using voice commands or the Leapmotor app.

HEATING MODE

Tap the "Heat" button to activate the heating mode.

NOTE

- Turning on the air conditioner's recirculation mode can improve heating efficiency.
- If the front or rear windows fog up, do not attempt to clear the fog by turning on the heat. Instead, activate the front and rear window defrosters to quickly clear the fog.
- In heating mode, tap the cooling button to switch from heating mode to cooling mode.
- Using the heating mode will accelerate the depletion of the vehicle's battery power. We recommend using the seat heating function whenever possible and turning on the heating mode only when necessary.

VENTILATION MODE

Tap the ventilation button to activate ventilation mode (natural breeze).

NOTE

- Once ventilation mode is activated, the air circulation mode switches to external circulation mode.

MAXIMUM COOLING (AC MAX)

Tap the "Maximum Cooling" button, and the system will automatically apply the following settings:

- Switch the air circulation mode to recirculation mode.
- Set the fan speed to maximum.
- Set the temperature to the lowest setting.
- The airflow mode is set to "Face Blast."

Tap again to exit maximum cooling mode and automatically return to the previous state.

NOTE

- The Maximum Cooling mode operates the air conditioner at its maximum cooling capacity. You should use this mode appropriately based on the interior temperature and usage conditions, turning it on when necessary and turning it off promptly to reduce power consumption and conserve battery life.

FRONT WINDSHIELD DEFROSTER

Press the front windshield defrost button once to activate the rapid defrost/demist function. The fan speed will switch to level 9, and the air circulation mode will switch to outside air mode.

Tap the front windshield defrost button again to activate automatic defrosting/demisting. The fan speed will adjust automatically, and the air circulation mode will switch to outside air mode.

Press the front windshield defrost button a third time to turn off the defrost/demist function.

ATTENTION

- If the windshield is fogged up or frosted over, immediately turn on the front windshield defroster to ensure driving safety.

REAR WINDOW DEFROSTER

Tap the rear window defrost button to activate the rear window defrost function, and the system will heat the rear window.

NOTE

- To prevent excessive power consumption, the rear window defroster will automatically turn off approximately 20 minutes after it is turned on.

ECONOMIC MODEL

Tap the "Eco Mode" button to activate Eco Mode. The air conditioner will reduce energy consumption and improve efficiency by limiting the outlet air temperature, reducing the airflow speed, and restricting the maximum compressor speed.

AIR CONDITIONER MOLD PREVENTION MODE

Tap the "Anti-Mold Mode" button in the air conditioner settings to turn the anti-mold mode on or off. When this mode is enabled, if the system detects a risk of condensation on the evaporator, the fan will continue to run for a short time after the unit is turned off to dry any residual moisture on the evaporator, preventing mold or bacteria from growing due to prolonged dampness.

LEAPMOTOR APP

LEAPMOTOR APP DOWNLOAD

Before using a mobile phone to remotely control the vehicle, please download the Leapmotor App first.

- iPhone users can search, download, and install the Leapmotor App through the App Store.
- Android mobile phone users can search, download, and install the Leapmotor App in the application market.

USER REGISTRATION AND LOGIN

In the "Registration" interface, enter the email account you reserved when you purchased the car, tap "Next", follow the prompts to set the password, account, and privacy preferences, and complete the verification by clicking the verification link received via email. Then, log in again.

BINDING/UNBINDING VEHICLE

After logging into the account, go to the "Personal centre - Add Vehicle" interface, tap the "Scan QR Code" button, and scan the QR code on the central control screen (System - Security - Owner Binding Authentication) to perform the vehicle binding operation.

In the "Personal Center" interface, enter the "My Vehicles" management interface to unbind vehicles.

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 the vehicle binding is completed, you can view your vehicle information, including vehicle location, driving mileage, and vehicle status.

REMOTE CONTROL

You can remotely operate your vehicle through the Leapmotor App, including unlocking and locking the vehicle, turning on the air conditioner and other functions.

VEHICLES

In the "Car" interface, you can obtain vehicle-related information and remotely control multiple functions:

- Vehicle status: Displays the current vehicle door status, remaining vehicle mileage, fault and other status information.

- Quick function area: It can quickly operate the vehicle unlocking/locking, boot, window and other functions.
- Interior temperature control: The interior temperature control can be set remotely.
- Digital key: The Bluetooth key function can be set.
- Vehicle search and view: Display the real-time location of the vehicle.
- One-button standby: The standby function can be set.
- Mileage energy consumption: The vehicle's travel energy consumption can be viewed.

NOTE

- When the vehicle enters the "READY" state, the A/C function on Leapmotor App cannot be used.
- When the vehicle is not locked 3 min after you leave it, Leapmotor App will give a reminder.

CHARGING CENTRE

In the "Charging Centre" interface, you can set the following functions:
- Set the upper limit of charging.
- Scheduled charging.
- Schedule battery warm-up.

MAP

Touch the "Map" card to enter the map interface. In the "Map" interface, you can view the current location information of the vehicle, honk to find the vehicle, and search for the destination at the top for navigation.

DIGITAL KEY

Touch the "Digital Key" icon on the "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.
- Unlocking/locking mode settings: automatic unlocking, automatic locking, door handle unlocking/locking.
- Turn on/off the locking prompt tone.
- Perform fault diagnosis function.
- The unlocking distance can be customised in the sensing area setting.

NOTE

- When you bring your mobile phone close to the vehicle within a certain range, it can automatically unlock and lock or tap the driver's door handle button to unlock/lock. To use it, you need to turn on the mobile phone Bluetooth, allow access to positioning permissions, select Always Positioning, enable Precise Location (IOS system)/Position Switch (Android system), and App Self-Start Function (Android system).
- The Leapmotor App positioning must be set to "always" to avoid no positioning information when the App is running in the background.
- The Leapmotor App self-start function must be enabled, and the background operation permissions must be enabled.
- At present, not all mobile phones support the non-inductive Bluetooth key function. The inductive Bluetooth supports all mobile phones.

CUSTOM

In the "Custom" interface, you can complete the following settings:
- Drag the shortcut key icons to adjust the order.
- Shortcut functions such as vehicle unlocking/locking, opening/closing the boot, closing windows and battery preheating.

INTERIOR TEMPERATURE CONTROL

Touch the "Interior Temperature Control" card on the "Car" interface 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

Touch the "Mileage Energy Consumption" card on the "Car" interface to enter the mileage energy consumption interface. In the "Mileage Energy

Consumption" interface, you can view your accumulated mileage, total energy consumption per hundred kilometers in the past 6 weeks and travel data for the past 7 days.

ONE-BUTTON STANDBY

Touch the "One-button standby" button on the "Vehicle" interface to enter the one-button standby interface. In the "One-button vehicle preparation" interface, you can set the following functions:

- Destination: After the setting is completed, this destination will be sent to the IVI.
- 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.

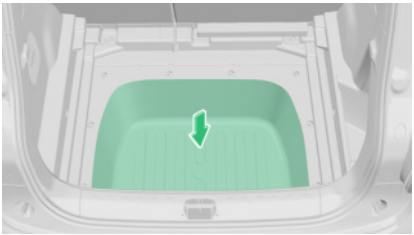
STORAGE DEVICE

TRUNK



After opening the tailgate, you can load items into the storage space of the boot. If you have larger storage needs, you can expand the boot storage space by folding the rear seats.

TRUNK STORAGE BOX



The boot storage box is located below the boot cover plate.

WARNING

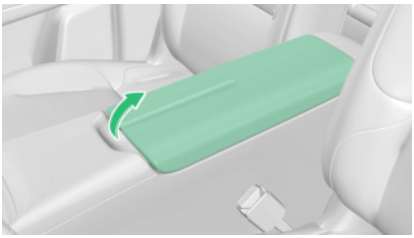
- When placing liquid items in the boot, make sure the containers are sealed and the liquid will not leak.
- Do not allow children to enter the boot.
- It is strictly prohibited to store Flammable and Explosive items in the boot.
- Hard or easily rolling items should be properly wrapped and reasonably bundled to avoid impact when the vehicle is braking or encountering bumps.
- Do not allow items to interfere with the closing of the liftgate.

NOTE

- Regularly clean the boot; reducing the load can reduce energy consumption.

FRONT STORAGE BOX AND CUP HOLDER

FRONT CENTRAL ARMREST STORAGE BOX



Open the central armrest storage box cover to open it.

Close the central armrest storage box cover to close it.

WARNING

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

GLOVE BOX



Pull the glove box outward to open it.

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 CENTRE LOWER STORAGE BOX



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

WARNING

- It is forbidden to place flammable, explosive and splashing 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

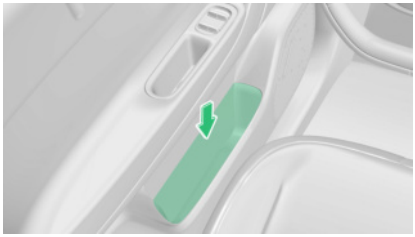


The rear storage box is located behind the sub-instrument panel.

WARNING

- It is forbidden to place flammable, explosive and splashing articles in the storage box.

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 forbidden to place flammable, explosive and splashing 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 place glasses, lighters or spray cans in the storage box to avoid damage to items due to bumping.

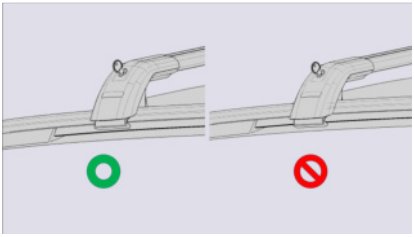
ROOF RACK

Before using the roof rack to load items (such as bicycles, snowboards, etc.), it is necessary to first install a lateral support fixing rod, and then fix the load on the lateral support rod.

When loading and transporting items on the roof rack, please pay attention to the following:

- The load is evenly distributed to avoid being overweight on one side.
- The heaviest part of the load should be located in the middle of the roof as much as possible.
- The load should be securely tied with ropes, and if the load is too large, a mark should be made behind the load.
- Loading will increase the wind resistance of the vehicle and the energy consumption, please drive carefully.
- After the transportation is completed, remove the lateral support fixing rod installed on the roof rack.

CORRECT SELECTION METHOD FOR LUGGAGE RACK CROSSBARS



When selecting a crossbar, to avoid reducing the distance between the crossbar and the roof, the crossbar claws should not be lower than the bottom of the luggage rack.

WARNING

- The maximum load capacity of the roof rack must not exceed 75 kg. When calculating the roof load, the roof rack and any cargo equipment must be included.
- Do not exceed the maximum load capacity of the roof rack when loading items on the vehicle.

ATTENTION

- When transporting overlong or overwide items, please comply with traffic and transportation regulations.
- If it is necessary to carry items on the vehicle's roof rack, drive with extra caution and ensure the items are securely fastened. Be sure to secure the object to the side rail, not just the cross rail.
- It is recommended not to drive aggressively when there are items on the roof.

NOTE

- The vehicle is not equipped with a transverse support fixing bar. If necessary, it is recommended to contact a Leapmotor service centre or an authorised service centre.
- For the installation method of the transverse support fixing bar, please refer to the corresponding product manual.

ELECTRONIC DEVICE

WIRELESS CHARGING

MOBILE PHONE WIRELESS CHARGING SENSING AREA



The mobile phone wireless charging sensing area is located in the illustrated area of the auxiliary instrument panel.

TURN ON AND OFF MOBILE PHONE WIRELESS CHARGING

When all doors are closed, touch the wireless charging status icon on the top bar of the central control screen 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 completed
	Charging fault

WARNING

- Do not place anything between the phone and the charging pad while charging. Non-metallic objects can cause charging performance to deteriorate. 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

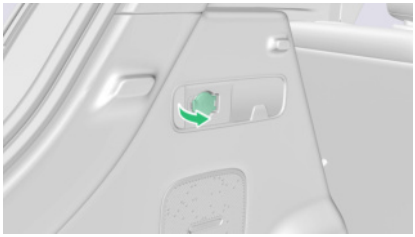
- Do not sprinkle water in the wireless charging area to prevent water from entering the wireless charging module and causing damage to electronic devices.
- Do not place heavy objects in the charging area to avoid damage to the mobile phone wireless charging system.
- When the mobile phone is wirelessly charged, if a metal foreign object is found between the mobile phone and the charging area, do not remove it immediately by hand to avoid burns. 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 that have passed the "Qi" certification. If any accident occurs due to the use of mobile phones or other wireless charging receivers that have not passed the "Qi" certification, the company will not bear the responsibility and loss caused by it.
- Only one mobile phone can be charged at a time.
- On bumpy roads, mobile phone wireless charging may intermittently stop and resume charging. If the mobile phone deviates from the charging area and stops charging, it is necessary to move the mobile phone back to the rechargeable area.
- The wireless charging function of mobile phones requires the joint participation of the

vehicle end and the mobile phone end. If there is a fault in the vehicle end or the mobile phone end, 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.

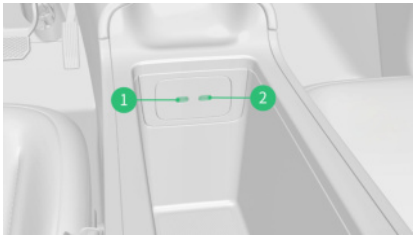
12V POWER INTERFACE



The 12V power interface is located on the left side of the boot and can be used by opening the cover.

USB INTERFACE

FRONT USB PORT

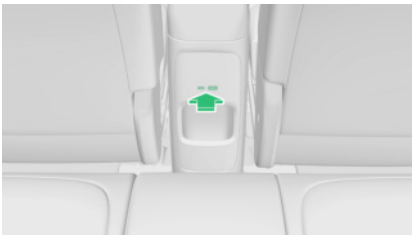


The front central armrest storage box is equipped with 2 TypeC interfaces. TypeC interface ① can be used for charging, and TypeC interface ② can be used for charging and data transmission.

ATTENTION

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

REAR USB PORT



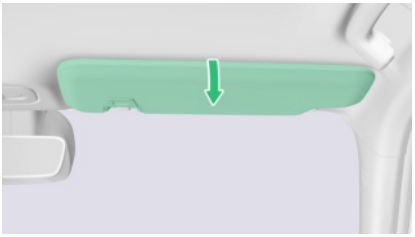
The rear row is equipped with 1 TypeA interface (supporting 12W) and 1 TypeC interface (supporting 15W), which can be used for charging.

ATTENTION

- Do not insert other objects or any liquid into the interface, otherwise it may cause electrical failure.
- 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.

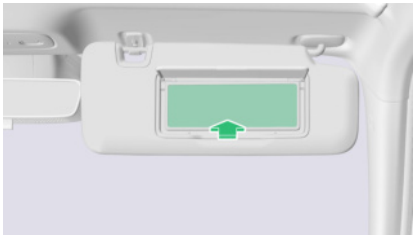
To block the dazzling light from the side, remove the sun visor from the inner fixed support and turn the sun visor to the side window.

WARNING

- Be sure to adjust the sun visor while ensuring driving safety.

- The turned-down sun visor may affect the front view. If the sun visor is no longer needed, it must be retracted to the bracket.

VANITY MIRROR



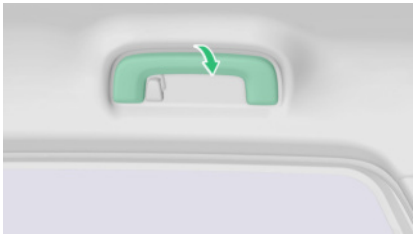
The driver's vanity mirror is located on the driver's sunvisor, and the front passenger's vanity mirror is located on the front passenger's sunvisor.

After opening the sun visor downward, lift up the cosmetic mirror cover.

WARNING

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

SAFETY HANDLE

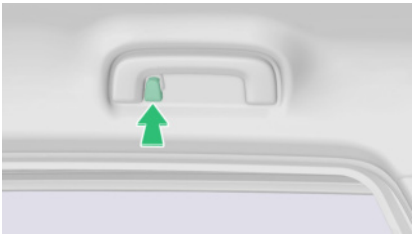


When the vehicle is driving fast or on a bumpy road, you can use the safety handle to keep your body balanced.

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 hooks are located next to the rear safety handles. Fold them down to use them for hanging light clothing and hats.

ATTENTION

- Do not hang heavy objects.

SHADE BOARD



The parcel shelf can be used to cover luggage to protect privacy and avoid direct sunlight.

When installing the parcel shelf, first place the parcel shelf horizontally on the support points on both sides of the boot, snap the slots at the four corners down onto the support points in turn, and then push the parcel shelf forward horizontally into place.

When removing the parcel shelf, first pull the parcel shelf backward horizontally, then lift the four corners upwards from the support points on both sides of the boot in turn, and continue to pull the parcel shelf upwards and backwards to remove it from the boot.

WARNING

- Do not place heavy, hard, or easily rolling items on the parcel shelf.
- Do not let children climb on the parcel shelf, as this may damage the parcel shelf or cause serious injury or even death to children.

ATTENTION

- When installing the parcel shelf, make sure it is installed firmly to avoid injuring passengers in the event of an emergency.
- Please store the removed parcel shelf properly to avoid injuring passengers in the event of an emergency.
- Do not place any items on the parcel shelf to avoid damaging the parcel shelf and injuring passengers in the event of an emergency.

INSTRUCTIONS FOR DRIVING

PRE-DRIVING INSPECTION

For the safety and driving comfort of you and your passengers, it is recommended to perform the following inspections before each drive:

- Confirm that there are no obstacles around the vehicle.
- Check whether the tires are damaged, whether the tire pressure is normal, and whether the tire treads have foreign matters, and take corrective measures when necessary.
- Check whether the wheel nuts are loose.
- Check the vehicle chassis for any water or other liquid leakage and other abnormal phenomena (dripping water after using the A/C is normal).
- Check whether there are foreign matters on the chassis.
- Confirm that the vehicle lamps are working properly.
- Verify that all windows are clear and that the windows and rearview mirror have good visibility.
- Confirm the vehicle range information, and confirm that there is no warning message on the instrument cluster.
- Verify that the brake and accelerator pedal areas are free of debris and that operation is without interference.

⚠ WARNING

- Do not drive the vehicle wearing high heels or slippers.

DRIVING SAFETY PRECAUTIONS

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.
- At the initial stage of vehicle use, the traction battery, chassis and other parts have not yet reached the best state. At this time, the driving mileage of the vehicle may deviate from the actual situation, which is normal.
- Drive the vehicle safely in strict accordance with the traffic laws.
- Keep the vehicle in a safe driving condition: tyre bursts or mechanical failures are extremely dangerous. To reduce the possibility of such failures, the vehicle condition should be checked frequently, and all specified inspection items should be completed regularly.
- If the vehicle catches fire, please leave the vehicle as fast as possible. If a high-voltage component or high-voltage wiring harness smokes and catches fire, it is prohibited to use a high pressure water gun 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 touch if liquid leaks from the vehicle. If skin or eyes come into contact with strong alkaline electrolyte leaking from a power battery, immediately flush with plenty of water or treat with boric acid solution, and seek medical attention as soon as possible to avoid serious injury.
- Use mats of correct size, and place the foot pad correctly. The floor mats must not interfere with the normal use of each pedal, to avoid affecting the action of the pedals due to slippage of the floor mats, which may lead to traffic incidents.
- Do not leave a child in an unattended vehicle. If a child mistakenly triggers one or more vehicle controls, it may result in injury or death. A child may also misoperate the vehicle and cause it to move and lead to a collision, resulting in injury or death. In addition, depending on the change of ambient temperature, the interior of the vehicle may reach extreme temperature, resulting in injury or death.
- 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 according to the actual road conditions and drive safely.
- Be sure to wear safety belts correctly: safety belts are the best protective device in collision accidents. Airbags are only intended to supplement seat belts, not replace seat belts, so make sure that you and your occupants always wear seat belts properly, even if your vehicle is fitted with airbags.
- Please do not climb a hill with heavy weight or forcibly, otherwise the drive motor and electronic control system will be damaged and the service life of the vehicle will be shortened.

NEW VEHICLE BREAK-IN PERIOD

The running-in of a new vehicle is mainly to improve the surface quality and friction state of moving parts. Proper break-in of a new vehicle can extend the vehicle's service life and improve the reliability and stability of the vehicle's operation.

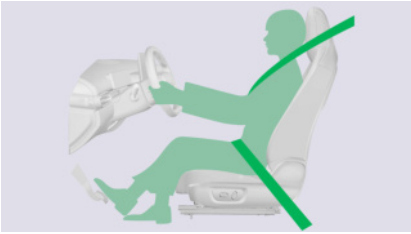
The running-in mileage of a new vehicle is 1,000-2,500 km (621-1,553 miles).

Only after the new vehicle has completed the running-in can the vehicle's power reach its maximum value; otherwise, it will cause initial excessive wear of the drive motor parts due to insufficient power and premature heavy-load operation. During initial use, the following precautions should be observed:

- Check the connection and fastening of each part.
- Check the coolant fluid reservoir level, and check for leakage in all parts of the cooling system.
- Check the drive motor control unit and its all parts for oil leakage. If any abnormality is found, deal with it promptly.
- Check all parts of the steering mechanism for looseness and sticking.
- Check whether the brake system is working properly and whether there is leakage in the pipeline fittings.
- Check whether the electrical equipment, lights, and instrument cluster are working properly.
- Check whether the tire pressure meets the standard.
- Drive on flat and good roads as much as possible.
- Avoid sudden acceleration and sudden deceleration.

CORRECT SITTING POSTURE

CORRECT SITTING POSTURE OF DRIVER



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 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.
- Wear the seat belt correctly.

WARNING

- During driving, the driver should not adjust the seat and steering wheel, otherwise it may cause the driver to lose control of the vehicle and cause an accident.

CORRECT SITTING POSTURE FOR FRONT PASSENGER

To ensure the safety of the front passenger occupant and reduce the risk of injury or death from incidents, it is recommended that the front passenger occupant make the following adjustments:

- Adjust the front passenger occupant seat position so that the front passenger occupant is the proper distance from the instrument panel.
- Adjust the front passenger occupant seat backrest so that the back of the front passenger occupant fits completely against the seat backrest.
- Correctly wear the seatbelt.

WARNING

- During driving, the front passenger occupant's feet should be placed in the foot area below the instrument panel. Do not place your feet on the instrument panel, stretch your hands out of the window, or sit cross-legged on the seat; otherwise, serious injuries may occur during emergency braking or in the event of an incident.

CORRECT SITTING POSTURE OF REAR PASSENGER

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

- Adjust the headrest so that the centre of the headrest is level with the eyes of the rear passenger.
- Maintain an upright posture, with your back fully against the seat backrest.
- Correctly wear the seatbelt.

WARNING

- When children ride in the rear seats, the corresponding child restraint system must be used.

START DRIVING

GEAR



R: Reverse gear

N: Neutral gear

D: Drive gear

P: Parking gear

The gear stalk is located on the lower right side of the steering wheel. When shifting, toggle the gear stalk up and down to shift between "R", "N", and "D", and press the side button to switch to "P" gear. At the same time, the current gear is displayed on the instrument cluster.

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

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

"D" gear (drive gear): switch to this gear when driving normally.

"P" gear (parking): switch to this gear for parking.

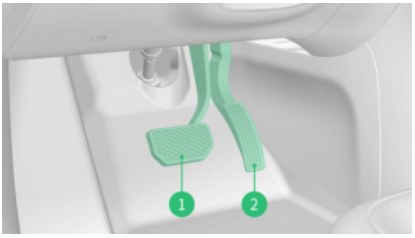
WARNING

- 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.
- To prevent the vehicle from moving unintentionally, after the vehicle comes to a complete stop and is shifted to "P" gear, please confirm that the electronic parking brake is activated.
- If the gear cannot be shifted normally, contact the Leapmotor Service Center or authorized 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 stationed before switching to R gear.
- It is prohibited to drive in gear when the car door is open.
- Before the vehicle is powered down, make sure that the gear is in P gear.
- Do not coast in neutral gear while the vehicle is in motion, as this is highly likely to damage the vehicle and create a hazard.
- When shifting to "R", "D", or "N" gears, the brake pedal must be depressed.
- It is prohibited to press the P gear button during non-emergency driving.

PEDAL



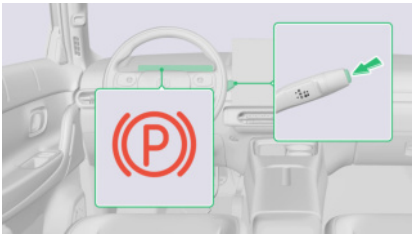
1. Brake pedal
2. Accelerator pedal

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)

ENABLE 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, a sound will be generated due to the operation of the motor, which is normal.
- When the vehicle battery is low, the electronic parking brake cannot be applied/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

Icon	State	Explanation
	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 vehicle's service brake fails, press and hold the "P" gear button to achieve 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 is easy to cause traffic accidents and shorten the service life of the parking brake system.
- When the vehicle is driving, the electronic parking brake must not be used to reduce the speed unless necessary, because the parking brake only applies braking force to the rear wheels, which can easily cause traffic accidents.

VEHICLE POWER SUPPLY STATE

The vehicle has the following power modes:

- Unlocked mode: Unlock the vehicle with a valid key, and the power mode is ON1.
- Power-on mode: Open the door or depress the brake pedal in the unlocked mode, and the power mode is ON2.
- READY mode: Depress the brake pedal in the power-on mode and after authentication is passed, the power mode is ON3, and the instrument cluster displays "READY".
- Power-off mode: In the power-on or READY mode, when the vehicle is stationary, locking the vehicle with a valid key can power off the vehicle.

NOTE

- When the vehicle power is in the "READY" mode, the vehicle gear is shifted to "P", and the driver leaves the seat and opens the driver's door, the vehicle power will return to ON2 mode.

VEHICLE POWER-ON

Unlock the vehicle, open any door (excluding the tailgate) or depress the brake pedal, and the vehicle will automatically power on.

VEHICLE POWER-OFF

LOCK THE VEHICLE TO POWER OFF

In the vehicle power-on mode or "READY" mode, when the vehicle is stationary, locking the vehicle with a valid key can power off the vehicle.

POWER OFF FOR MAINTENANCE

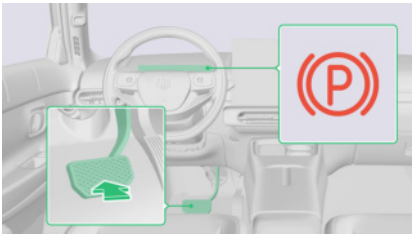
Through the "System - Maintenance" interface on the central control screen, tap the "Maintenance Power Off" button to power off the vehicle in an emergency.

WARNING

- Maintenance power off can only be used in emergency situations and when high voltage needs to be powered off for maintenance. Tapping the "Maintenance Power Off" button will immediately power off the vehicle and enter the maintenance mode. If triggered while travelling, there may be safety risks.

START THE VEHICLE

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 low and the vehicle cannot be started, you can try to start it in an emergency by jumper cables.
- 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. If not, do not start the vehicle.

NOTE

- If the vehicle is not 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.

BOOST MODE

In the "Settings - Driving" interface on the central control screen, you can select the acceleration mode as Comfort, Standard, or Sport.

- Comfort mode: Weaker power response, smooth power output.
- Standard mode: Moderate power response, linear power output.

- Sport mode: Stronger power response, robust power output.

WARNING

- To ensure driving safety, please switch the acceleration mode when parked.

GETTING STARTED

1. After the vehicle is started (READY mode), depress the brake pedal and shift to "D" gear.
2. Release the brake pedal and lightly depress the accelerator pedal, and the vehicle travels forward.

NOTE

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

PARKING



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 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 vehicle power, carry valuables and keys with you, and confirm that the windows, doors, and tailgate 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 curb regardless of whether the vehicle is facing the top or bottom of the slope.

ENERGY RECOVERY

When the vehicle brakes or coasts, the Regenerative braking system converts the vehicle's kinetic energy into electrical energy and stores it in the power battery.

In the "Settings - Driving" interface on the central control screen, you can set the Regenerative braking level to High, Medium, or Low.

- High level: Strong Regenerative braking when coasting, and the vehicle exhibits a strong sense of drag.
- Medium level: Moderate Regenerative braking when coasting, and the vehicle exhibits a moderate sense of drag.
- Low level: Low Regenerative braking when coasting, and the vehicle exhibits a weak sense of drag.

In certain situations, braking or coasting cannot recover energy:

- The gear is not in "D" (it is recommended not to coast in neutral while travelling).
- During torque intervention (gear shifting, tyre slipping).
- The power battery is fully charged.
- The temperature of the power battery is extremely high or low.

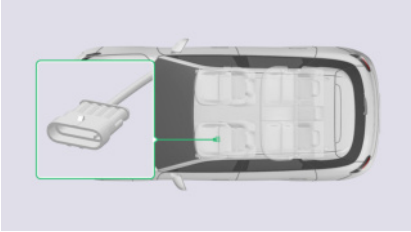
NOTE

- The Regenerative braking system will automatically allocate the proportion of motor and hydraulic braking, which has no effect on the vehicle's braking distance and effectiveness.
- Vehicles with the Regenerative braking function have a shorter coasting distance than vehicles without the Regenerative

braking function (such as traditional vehicles) at the same vehicle speed.

ALCOHOL LOCK PORT

Alcohol lock is a device used to prevent the driver from starting the vehicle when the alcohol concentration exceeds the safety standard. For vehicles equipped with alcohol lock handsets, the driver must pass an alcohol breath test before starting the vehicle.



The vehicle is equipped with a reserved Alcohol lock port located under the front left seat, supporting the retrofitting of an alcohol lock handset.

NOTE

- For installing an alcohol interlock handheld device, it is recommended to contact the authorized dealer.

DRIVING AND ENVIRONMENT

ECONOMIC DRIVING

Vehicle driving mileage and power battery capacity are affected by driving habits, storage conditions, charging methods, and power battery temperature. Good usage and driving habits not only save power and increase the vehicle's driving range, but also help to prolong the vehicle's service life.

- Smooth start and acceleration. Rapid start and rapid acceleration increase battery level consumption and shorten the service life drive motor. When driving the vehicle, try to avoid sudden pressing of the accelerator pedal when starting and accelerating. Smooth start and acceleration are beneficial for saving battery level and reducing motor loss.
- Reasonably use the energy recovery system. Under the premise of ensuring safety, the appropriate braking strength is selected under different road conditions to match the vehicle's driving status. To fully utilize the energy recovery system, apply the brake as gently as possible to slow down and avoid rapid deceleration.
- Keep a stable driving speed. Maintain a steady speed according to road conditions and allowed speeds.
- Keep the vehicle at low wind resistance. Opening the windows at high speeds will significantly increase vehicle aerodynamic drag, leading to higher energy consumption. Please close the windows when the vehicle speed is greater than 80km/h (50mph).
- Maintain normal tire pressure. Check tire pressure; tire pressure that is too low will increase rolling resistance, thereby causing energy consumption to rise.
- Reduce the load on the vehicle. Avoid loading the vehicle with unnecessary heavy objects; excessive heavy objects will increase the load on the powertrain and lead to higher energy consumption.
- Do not arbitrarily change the size of the tyres. Using larger or wider tires will result in higher energy consumption.
- Clean the vehicle properly. The vehicle chassis should be kept clean and free of mud and other substances, which not only reduces the weight of the body but also prevents corrosion.
- Use the A/C reasonably. A/C can significantly increase energy consumption, so use A/C when necessary. Open windows for ventilation at the low speed. Select the internal circulation mode of the A/C to save more energy.
- Turn off functions that are not needed temporarily. Interior heating devices (such as seat heating*, etc.) consume a large amount of electrical energy. When these functions are not needed, they should be turned off.
- Carry out maintenance regularly. Perform maintenance at the prescribed time to keep the vehicle in good condition. Good drive motor condition not only contributes to increased driving safety, but also helps to reduce energy consumption.
- Plan the driving route. Optimize the route and try to avoid congested sections. This both saves time and helps reduce energy consumption.

WARNING

- Overloading of vehicles is strictly prohibited. When loading, try to distribute the load evenly between the front and rear axles, and do not exceed the load limit.

DRIVING WITH A LOAD

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

- Place heavier luggage and items as far forward in the boot as possible.
- All luggage and items must be properly secured in the boot. Unsecured items may move back and forth in the boot, shifting the vehicle's centre of gravity, which may affect the vehicle's travelling performance and safety.
- When transporting heavy articles, the driving performance of the vehicle will change due to the deviation of the center of gravity, and there is a danger of accidents. Therefore, you must adjust your driving style and speed according to the actual situation.
- Do not exceed the allowable axle load and allowable weight. Exceeding the permissible axle load or permissible weight may affect the driving performance of the vehicle, resulting in traffic incidents, injuries, and damage to the vehicle.

WARNING

- The liftgate must be in the closed status when the vehicle is in motion, otherwise an incident may occur.
- The load should be distributed and secured as evenly as possible to avoid incidents caused by emergency braking or sudden acceleration of the vehicle.

DRIVING ON SLOPES

When going uphill or downhill, driving speed should be adjusted promptly according to the gradient to avoid overloading or damaging the drive system. The following should be noted when driving on slopes:

- Vehicles should be driven at low speeds when going uphill.
- It is strictly prohibited to power off the vehicle or coast in neutral when driving downhill.
- The brake must be checked for proper operation before descending a steep hill.

HIGH-SPEED DRIVING

The higher the vehicle speed, the greater the injuries caused by traffic incidents. For the protection of others and your own safety, be sure to follow the following precautions:

- The higher the vehicle speed, the longer the braking distance. Therefore, the brake pedal should be controlled according to the vehicle speed and the required braking distance when braking.
- Driving in the rain not only reduces visibility, but also decreases the adhesion between the wheels and the ground, which can easily lead to loss of control of steering and braking, so you should drive at a reduced speed.
- Driving at high speeds through mountain passes, overtaking large vehicles, or passing through tunnels can be affected by side winds; reduce the vehicle speed at these times.
- Always hold the steering wheel firmly when travelling at high speeds. When changing lanes or overtaking, avoid turning the steering wheel too much to prevent the vehicle from drifting due to excessive speed. When braking is required, it is recommended to apply the brakes lightly multiple times and avoid depressing the brake pedal to the floor to prevent the vehicle from deviating.
- Maintain a safe following distance. In general, the value of the following distance should not be less than that of the speed when the road is dry and the braking is effective. When the vehicle speed is 80km/h (50mph), the distance between vehicles should be at least 80m; when the vehicle speed is 100km/h (62mph), the distance between vehicles should be at least 100m. Note the following distance signs along the roadside at all times. In rainy, foggy and snowy weather and when the road is wet or icy, the following distance should be more than doubled.
- Strictly distinguish the functions of lanes, drive in separate lanes, generally use the main driving lane, and only use the overtaking lane when overtaking to ensure smooth traffic flow.
- When exiting the highway, pay attention to the intersection advance signs, merge out of the

main lane into the deceleration lane to slow down, and enter the general road via the ramp.

NIGHT DRIVING

The following precautions should be observed during nighttime driving:

- When driving at night, lights shall be used 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 intersection without traffic light control, slow down and use the high and low beams alternately.
- 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, due to the small range of light irradiation, it is easy to cause visual fatigue. Observe carefully and drive at a low speed. Avoid overtaking as much as possible. If it is really necessary to overtake, continuously change the high and low beams to indicate to the front vehicle.

⚠ ATTENTION

- Before driving at night, please check and ensure that all lights of the vehicle function normally.
- When driving at night with street lamps, please do not turn on the high beam for a long time.
- When meeting oncoming vehicles at night, turn off the high beams.

DRIVING IN FOG

When driving in foggy weather, you must turn on your fog lamp and keep your speed as low as possible. When vehicles meet on the road, be sure to sound your horn to warn pedestrians and oncoming vehicles. When you hear another vehicle's horn, you should also respond by sounding your horn immediately to signal your vehicle's position. For the safety of others and yourself, please pay attention to the following:

- When driving in foggy weather, try to drive in the middle of the road. Please do not drive along the roadside to avoid collision with vehicles temporarily parked on the side of the road waiting for the fog to clear.
- Before driving the vehicle on a foggy day, you should thoroughly check the vehicle's lighting system. When driving, turn on the fog lights, tail lights, position lights, and dipped beam headlights. The utilisation of lights improves visibility, allowing you to clearly see the vehicles, pedestrians, and road conditions ahead, and ensuring others can see your vehicle. Also, do not use high beam when driving in fog.
- When driving in fog, do not press or release the accelerator pedal abruptly, and never perform emergency braking or turn the steering wheel sharply. If you must reduce the speed of the vehicle, first gently release the accelerator pedal, then lightly press the brake pedal multiple times in succession to control the vehicle's speed and prevent vehicle collision incidents.
- When traveling on streets and country roads, pay special attention to traffic at intersections and keep your speed low to avoid incidents with pedestrians or vehicles that suddenly come out of the intersection.

⚠ WARNING

- Before traveling, the vehicle's lighting system should be inspected, including the front combination lamp and rear fog lamp. To prevent personnel injuries or even life-threatening situations caused by accidents during vehicle operation.
- Avoid driving vehicles when foggy weather occurs. Driving on foggy days with low visibility on the road makes it easy for traffic incidents to occur, resulting in injuries and even life-threatening situations.

DRIVING IN RAINY AND SNOWY WEATHER

When driving a vehicle in rain or snow, please follow these safety precautions to ensure the safety of others and yourself:

- Try to keep your speed as low as possible when it is raining or on wet roads.
- Do not slam on or quickly release the accelerator pedal. Do not brake suddenly or turn the steering wheel sharply. When driving on rainy days, if it is necessary to reduce the speed, first slowly release the accelerator pedal and

then gently depress the brake pedal several times in a row to control the speed and prevent rear-end collision accidents.
- Start and accelerate gently and slowly; sudden acceleration will cause the wheels to idle and slip, causing the vehicle to slide sideways.
- Avoid sudden steering wheel turns; when turning, the steering wheel should be smoothly maneuvered at a safe speed. If you need to install anti-skid chains, you should choose the specifications applicable to this vehicle's tires, and strictly follow the anti-skid chain manufacturer's regulations before installation.
- When it rains, you are advised to drive with caution as visibility is reduced, vehicle windows are prone to fogging affecting the driver's vision, and roads are slippery, reducing the controllability of the vehicle.
- When it rains, you should turn on the heating function of the exterior rearview mirrors in a timely manner to prevent the accumulated raindrops on the mirrors from causing blind spots in the driver's vision.
- On cloudy days, days with heavy rain and fog, and days with poor visibility, fog lamps and low beams should be turned on promptly.
- When the rain is too heavy or there is lightning making it impossible to continue driving, park the vehicle in a place without accumulated water to prevent the vehicle from being submerged, and turn on the hazard warning lights to remind following vehicles to pay attention.
- After the rain, the vehicle should be cleaned as quickly as possible to prevent acidic rain water from corroding the vehicle body paint.

WARNING

- The driving environment in rain and snow is more dangerous than in other environments. When driving, you should take extra care and reduce your speed to avoid incidents that could result in injuries or even threaten life.
- Drive at low speeds in rain and snow. Low visibility and slippery roads in rain and snow make it easy for traffic incidents to occur, resulting in injuries and even life-threatening situations.

ATTENTION

- Prior to entering a water-logged road section, determine the depth of water, ensuring it does not surpass the lower edge of the vehicle body.
- After driving off a waterlogged area, gently press the brake pedal to check if the brakes are functioning normally. When the brake pads are wet, the braking performance will be significantly reduced, making it easy for accidents to occur.
- If electrical components are short-circuited or the traction battery and drive motor are damaged due to water immersion, please contact the authorized dealer.
- Do not restart the vehicle after water ingress has caused the power to go down. Disconnect the power supply immediately and contact an authorized dealer as soon as possible.
- If you need to drive through water, please pass through the waterlogged section at a steady and slow speed.

WINTER DRIVING PRECAUTIONS

Winter driving conditions are more hazardous than in other seasons. Extra caution must be exercised while driving, and cold-weather driving precautions should be strictly followed to ensure the safety of both yourself and others.
- Before travelling in winter or other cold seasons, carefully inspect the vehicle's safety equipment: steering, braking, lights, instrument cluster, horn, wipers, etc.
- Roads are slippery after snow in winter. Keep a steady speed when driving and avoid operations that could fail to stabilise the vehicle, such as sudden acceleration, emergency braking, or sudden steering.
- Start and accelerate gently and slowly to prevent tire slipping and sideslip.
- After using the vehicle, park it in an indoor parking space promptly.
- Do not park the vehicle in accumulated snow or water to prevent the water from freezing and tearing the tyres.
- Place a wooden board under the tires to protect them from snow.
- Do not park the vehicle under trees to prevent falling ice from damaging the vehicle.
- When parking, the wiper arms can be lifted to prevent them from freezing to the windscreen, thus avoiding wiper blade tearing or wiper motor damage during use.

- Remove ice and snow from the vehicle surface promptly, which may cause partial functional abnormalities of the vehicle and pose a safety hazard.
- Avoid ice and snow accumulated under the fender: ice and snow under the mudguard will cause steering difficulties. When driving during the harsh winter months, you should stop from time to time and check for snow and ice buildup under the mudguards.
- Wipe off snow and water from the combination lights to prevent them from freezing and cracking the combination lights.
- To prevent door handles from freezing: Spray some de-icer or glycerin on the surface of the handles to avoid ice formation.
- Try to park on flat ground.
- Open the door to cool down when parking, 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. Therefore, frequently check the battery condition to ensure it has sufficient power for starting.
- In winter, it is necessary to use windscreen washer fluid containing antifreeze.
- Regularly check the coolant level.
- It is recommended that you prepare some equipment and tools for use in case of an emergency. The following backup equipment is recommended: snow chains, window scrapers, signal flashers, jumper cables, etc.

TIRE ANTI-SKID CHAIN

Driving in harsh winter conditions such as snow-covered or icy roads may accelerate tire wear or lead to other faults. To minimize winter faults, the following must be followed:

- Countries and regions have different regulations on the tire chain, so you should understand the local regulations before assembling tire chains. Do not install snow chains without understanding the laws and regulations of various countries and regions that may restrict their use.
- Tire anti-skid chains need to be installed in pairs on the driving wheels.
- When driving on snow-covered roads and installing snow chains, you must select equivalent products with a size and type that match the vehicle's tyre specifications. Unsuitable snow chains will damage the vehicle's tyres, wheels, suspension, braking system, and bodywork. Moreover, speeding, emergency acceleration, emergency braking, and emergency turning all carry significant risks.
- Emergency braking on snowy or icy roads will cause the vehicle to skid, drift or slip. You should keep a proper safety distance from the vehicle in front of you and lightly press the brake pedal. Anti-skid chains installed on the tires can provide some friction, but they cannot prevent side-slipping from occurring.
- When installing snow chains on tyres, bear in mind that the vehicle's driving power may be insufficient after installation. Even if the road condition is good, drive carefully. When driving, do not exceed the specified speed limit of the tyre snow chains, nor exceed 50 km/h (31 mile/h), whichever is lower.
- Do not use tire chains on dry ground. Remove tire chains once road surfaces are free from ice or snow.
- Do not install snow chains when the tyre pressure is insufficient.

NOTE

- Snow chains are not included in the vehicle's equipment list; the above information is for your reference only.

HOT WEATHER DRIVING

When driving in hot days such as summer, please follow the precautions for driving in the hot days to ensure the safety of others and yourself.

- Do not expose the vehicle to prolonged sunlight in hot seasons, and do not place flammable items (such as lighters, paper scraps, cloth toys, etc.) on or near the dashboard.
- Due to high ambient temperatures in summer, the vehicle is prone to overheating. Therefore, inspection and maintenance of the vehicle's cooling system should be strengthened during the summer. Promptly remove scale from the coolant expansion tank and water channels, as well as debris trapped between the radiator fins.
- Do not drive in slippers or high heels.
- In summer's hot weather, you should frequently check whether the vehicle wiring is short-circuited or aging, whether the plugs are loose, and whether the battery is in normal working

status, etc., to prevent the vehicle from spontaneous combustion.
- The tire pressure inside summer tires rises with the temperature, making them prone to blowouts. If the tyre pressure fault indicator lights up while travelling, stop the vehicle immediately and wait until the tyre temperature drops before travelling again.

PRECAUTIONS FOR DRIVING OVER WATERLOGGED ROADS

Precautions for driving on waterlogged roads:
- Prior to entering a water-logged road section, determine the depth of water, ensuring it does not surpass the lower edge of the vehicle body.
- Under no circumstances should you park or reverse in the water, and do not turn off or start the vehicle.
- 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, you should keep driving at a low speed and press the brake pedal lightly several times in a row to restore normal braking performance.
- The vehicle must maintain a low-speed operation to prevent wave formation in front of the vehicle, which may result in water ingress into the front engine compartment or other components.

The effect of water ingress inside HV parts:
- HV parts belong to electronic devices. After the vehicle is soaked, sun-drying, air-drying, and other methods cannot ensure that the moisture in the HV parts fully evaporates.
- Water ingress into high-voltage components has a great impact on their insulation. At the same time, moisture contains many conductive substances, which may cause internal short circuits in high-voltage components or pose a risk of short circuits in the high-voltage system. In this case, the overall safety performance and operational performance of the vehicle are seriously affected.
- Internal water ingress in HV parts has a significant impact on the product's protection level, pressure resistance, and other performance aspects, posing a considerable safety risk.

ATTENTION

- Certain parts of the vehicle such as the powertrain, chassis, or electrical system can be severely damaged while driving through water.
- The waves caused by the opposite vehicle may exceed the allowable water height of this vehicle.
- The water may hide depressions, mud pits, or rocks that can make wading more difficult.
- Do not drive in salt water. Salt can cause vehicle rust. All vehicle parts that have been in contact with salt water must be rinsed immediately with fresh water.
- After wading in the water, it is recommended to go to an authorized dealer to conduct a comprehensive inspection of the vehicle to check for hidden dangers and ensure driving safety.
- When the vehicle is cleaned or driven through deep water, the brake pads and brake discs become soaked with water. Applying the brake will greatly reduce the braking effect; the braking distance will be longer than under normal status, and the vehicle may pull to one side. The parking brake will also be unable to firmly hold the vehicle. At this time, you should first drive at a low speed and continuously lightly press the brake pedal to remove the residual water from the brake. After the braking effect returns to normal, you can then drive normally.

PRECAUTIONS FOR DIFFERENT ROAD CONDITIONS

When driving under various road conditions, please observe the following precautions:
- When driving on roads with crosswind and gust, slow down ahead of time, and properly control the speed and steering wheel.
- Avoid driving on sharp-edged objects or other road obstacles, otherwise it may lead to severe damage such as tire blowouts.
- When driving on bumpy or uneven roads, slow down, otherwise it may scratch the chassis and cause damage to the vehicle.
- When driving downhill, slow down ahead of time to avoid emergency braking, which will lead to brake system overheating or rapid wear.
- When travelling on slippery roads, be careful and cautious when accelerating or braking.

Sudden acceleration or emergency braking may cause tyre slip. When travelling on icy and snow-covered roads, you should drive at a low and constant speed, avoiding sudden acceleration or emergency braking. Snow chains can be installed on the tyres as required.

LOW-TEMPERATURE DRIVING

At low temperatures, tire performance decreases, grip is reduced, and sensitivity to impact damage increases. High-performance tires (for summer use) have reduced traction when the ambient temperature is below 5℃ and are not recommended for use in ice/snow conditions. When the weather is cold, the tires may temporarily harden, and a rolling noise will be heard for the first few kilometers before the tires warm up.

SAFETY EARLY-WARNING SYSTEM

VEHICLE BODY ANTI-THEFT ALARM SYSTEM

FULL ARMED

When the vehicle is stationary and all doors are closed, operate a valid key to lock the vehicle; the turn signal will flash once, and the vehicle will enter the armed state.

VEHICLE DISARMING

After successful arming, operate a valid key to unlock the vehicle; all turn signals will flash twice. In the vehicle armed state, if the vehicle is unlocked and no doors are opened within a certain period of time, the vehicle will enter the armed state again.

ANTI-THEFT ALARM

After successful arming, if any door or the tailgate is opened illegally, the turn signals will flash.

RELEASE THE ALARM

Operating a valid key to unlock during the alarm can exit the alarm mode, and the turn signals will turn off. At this time, the vehicle only releases the alarm state rather than the armed state. Operating the valid key to unlock again, the vehicle enters the disarmed state.

⚠ ATTENTION

- Modifying, adding, or replacing the vehicle's anti-theft alarm system or its components may result in the vehicle failing to start or the doors failing to unlock.
- Please do not leave your keys in the car when you get out.
- Do not modify or disassemble the anti-theft system on your own to prevent system malfunctions.
- Before locking the vehicle, make sure no one is inside and that the windows are closed.
- The anti-theft system helps prevent vehicle theft but cannot completely avoid it. To ensure greater safety of the vehicle, please park the vehicle in a secure parking area and remove valuables and other personal belongings from the vehicle before leaving.

LOW-SPEED PEDESTRIAN WARNING TONE

When the vehicle is travelling at a low speed, the Low-speed Acoustic Vehicle Alerting System (AVAS) emits a warning sound to pedestrians near the vehicle, alerting pedestrians and other vehicles to improve driving safety.

LOW-SPEED ACOUSTIC VEHICLE ALERTING SYSTEM WARNING

A warning sound is emitted when the vehicle is moving forward at a speed no greater than 30 km/h (19 mile/h).

A warning sound is also emitted when the vehicle is reversing.

⚠ WARNING

- The Low-speed Acoustic Vehicle Alerting System (AVAS) can only emit a warning sound to pedestrians near the vehicle; the driver must still always be aware of the current driving environment.

INDIRECT TIRE PRESSURE MONITORING SYSTEM (ITPMS)

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

TPMS ALARM

When any of the following situations occurs, the TPMS alarms:

- Abnormal tire pressure.
- Tire pressure reset demand.
- System failure.

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.

When an underpressure alarm occurs, it is necessary to check the tire pressure. After eliminating the tire fault, inflate the four tires to the recommended value and reset/reset the iTPMS tire pressure monitoring system.

When a system fault alarm occurs, it is recommended to contact the Leapmotor Service Center or authorized service store for maintenance. After troubleshooting, inflate the four tires to the recommended values and reset/reset the iTPMS.

During the use of the vehicle, the driver should ensure that the tire health status is checked in time. In the following cases, it is necessary to reset the tire pressure system when the vehicle is stationary (for more than 60s):

- Adjust the inflation pressure of one or more tires.
- Replace the tire (including changing the tire position).
- Conduct dynamic balance for wheels.
- Carry out technical modification on the chassis.
- Replace the control module (e.g. ESC, onebox).
- The ambient temperature has changed by more than 40°C since the last calibration.
- After half a year or 10,000 kilometers.

TIRE PRESSURE RESET OPERATION

In the "Settings-System-Maintenance" interface of the central control panel, touch the "Calibration" button of the tire pressure calibration setting item to reset the tire pressure.

WARNING

- Do not rely entirely on the tire pressure monitoring system. Check the tires regularly to ensure that the tire pressure is correct and there is no damage to the tires, such as punctures, cuts, cracks, etc.
- If the tire pressure fault indicator lights up, you must immediately reduce your speed, avoid sharp turns and emergency braking, stop the car safely nearby, and check the tire pressure as soon as possible. When the tire temperature is too high, it is recommended to stop and rest until the tire temperature drops before continuing driving.
- The tire pressure monitoring system can identify tires with low pressure. When the vehicle issues a low-pressure warning for a specific tire, the driver should not only check the air pressure of the tire in question but also inspect the tires that did not trigger the warning.
- Incorrect tire pressure or underinflation can accelerate tire wear, reduce handling stability, and increase braking distance.
- Different or too low tire pressures may cause sudden tire failure, tire burst and vehicle loss of control.
- Driving with low tire pressure increases tire flexing, causing the tires to heat up rapidly, which may lead to tire separation or a blowout.
- Using tires with non-compliant pressure may cause accidents and tire damage. The driver is responsible for ensuring that all tires are inflated to the correct pressure. Therefore, be sure to inflate all tires to the standard pressure value before driving. The tire pressure monitoring system can only work when the tire pressure of all cold wheels is correct.

LANE DEPARTURE WARNING (LDW)

SYSTEM INTRODUCTION

The Lane Departure Warning (LDW) system identifies road lane lines through real-time monitoring, collects data on the road ahead, and combines this with the vehicle's own travelling data. When the vehicle deviates from its lane without the driver turning on the turn signal, the system will issue an early warning signal to remind the driver to take timely corrective measures, ensuring the safety of the occupants.

TURN ON THE LDW

After turning on the Lane Departure Warning (LDW) and assist functions on the 'Settings - Intelligent Driving - Active Safety' interface of the central control screen, select 'Warning' to activate the Lane Departure Warning (LDW) function.

TRIGGERING THE LANE DEPARTURE WARNING (LDW) SYSTEM



With the Lane Departure Warning (LDW) function turned on, when the vehicle is travelling at a speed of no less than 60 km/h (37 mile/h) and the driver has not turned on the turn signal, the system triggers the Lane Departure Warning (LDW) function upon detecting that the vehicle has unintentionally deviated from the lane and crossed the lane line. The instrument cluster displays the vehicle's line-crossing status and prompts the driver with an audible warning to keep travelling in the original lane.

FUNCTIONAL LIMITATIONS

Do not use the lane departure warning system in the following situations:

- At road intersections, merging points, etc.
- When using tire anti-skid chains.
- When tires have excessive wear and tire pressure is too low.
- When mixing tires of different construction, manufacturer, brand, or tread pattern.
- When the vehicle is driving on roads under construction (such as construction signs, cones, and other roadblocks).
- On roads with sharp turns, steep slopes, icy or slippery surfaces, or in rain, snow, fog, and other weather conditions.

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

- Passing through curves with excessive curvature, such as high-speed ramps.
- Lane lines are unclear, worn, missing, crossed, or blocked by shadows cast by other vehicles, buildings or scenery.
- Pass through road sections without lane lines, such as non-standardized roads, intersections and construction areas.
- Passing through sections with special lane lines, such as deceleration warning lines, diversion lines, etc.
- Areas with unclear lane division, such as lane line converge or diverge, highway ramps, urban intersections and left-turn waiting areas.
- The pavement has edges or other high-contrast lines rather than lane lines, such as pavement joints and kerbs.
- The lane line cannot be identified or is incorrectly identified due to height change, such as uphill and downhill.
- The lane line cannot be identified or is incorrectly identified due to light reasons, such as reflection of the lane line caused by strong illumination, poor visibility or insufficient lighting caused by bad weather and night.
- The distance between lane lines on both sides is too wide or 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:

- • There are water, mud, potholes, ice and snow roads, and roads with speed bumps and obstacles;
- • Traffic conditions with more pedestrians, bicycles or animals
- • There are complex and changeable traffic conditions, such as busy intersections, expressway ramps and crowded roads;
- • Winding roads and sharp turns
- • Uphill and downhill roads
- • Bumpy roads
- • Narrow roads
- • Tunnel entrance and exit

- • Roads without medians

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 (LDW) function is only an auxiliary system and cannot actively control the vehicle to change lanes or keep in the lane. The driver should always pay attention to the road conditions, actively control the vehicle, and take full responsibility for vehicle safety.
- The Lane Departure Warning (LDW) system may not always recognise lane markings. Due to factors such as severe weather, the function may experience missed or false triggers. Therefore, the driver must concentrate on observing road and traffic conditions and drive carefully.
- Do not place objects that reflect light on the instrument panel, as they not only tend to dazzle the driver, but may also reflect light into the system's front camera and interfere with the system's proper operation.
- Sound from the audio system inside the vehicle or noise from outside the vehicle may prevent you from hearing the warning beeps, so try to avoid disturbances and concentrate on the road conditions.
- Drivers should not overly rely on the lane departure assistance and should not intentionally test or wait for the function to activate. False triggers and missed triggers cannot be completely avoided due to the inherent limitations of system performance.
- If the driver turns on the turn signal and makes a lane change in the direction of the turn signal, the lane departure warning function will be suppressed.
- When travelling on steep slopes or winding roads, if the distance to the vehicle ahead is too close or the vehicle ahead obscures the lane markings, the Lane Departure Warning (LDW) function may be suppressed.
- The lane departure warning function may be suppressed when the vehicle experiences large bumps due to road conditions, during rapid acceleration or deceleration, or when quickly turning the steering wheel.
- A cracked or tinted front windscreen, the addition of non-compliant coatings, reflective objects 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, do not test the lane departure warning function yourself. The camera's field of view must not be obscured by objects or interfered with by strong light. In the event of temporary obscuration of the field of view or strong light interference, the function will temporarily exit and can recover automatically once the field of view returns to normal. If it cannot recover automatically, it is recommended to contact a Leapmotor service centre or an authorised service centre for handling.
- When the Lane Departure Warning (LDW) system detects an unintentional lane departure, it will issue a warning. Do not panic or steer sharply unnecessarily.
- Obstacles recognised by the camera will cause the Lane Departure Warning (LDW) system to fail to operate as expected or exit. For situations where the camera is restricted, refer to the "Driving Assistance System - Radar and Camera" section.
- If the Lane Departure Warning (LDW) system malfunctions, the Lane Departure Warning (LDW)/Lane Keeping Assist (LKA) function fault indicator in the instrument cluster will illuminate. Please stop safely in time and contact a Leapmotor service centre or an authorised service centre for inspection and repair.

LANE KEEPING ASSIST (LKA)

SYSTEM INTRODUCTION

Lane Keeping Assist (LKA) performs real-time monitoring to identify road lane lines and collects data on the road ahead. Combined with the vehicle's travelling data, if the driver has not turned on the turn signal and the system detects that the vehicle has a tendency to unintentionally drift into an adjacent lane or is about to cross a lane line, the Lane Keeping Assist (LKA) system will apply slight corrective steering assistance to the steering

wheel to reduce the possibility of the vehicle departing from its lane.

TURNING ON THE LANE KEEPING ASSIST (LKA) SYSTEM

Go to "Settings - Intelligent Driving - Active Safety" on the centre display. After enabling the Lane Departure Warning (LDW) and assist functions, select "Keep" or "Warning + Keep" to turn on the Lane Keeping Assist (LKA) function.

TRIGGERING THE LANE KEEPING ASSIST (LKA) SYSTEM



With the Lane Keeping Assist (LKA) function turned on, when the vehicle is travelling at a speed of no less than 60 km/h (37 mile/h) and the driver has not turned on the turn signal, the Lane Keeping Assist (LKA) function is triggered if the system detects an unintentional tendency to drift into an adjacent lane or that the vehicle is about to cross the lane line. The system applies a slight corrective steering assistance to the steering wheel, and the instrument cluster displays the vehicle's line-crossing status. If the vehicle departs from its lane excessively, the Lane Keeping Assist (LKA) system will provide appropriate visual and audible warnings.

FUNCTIONAL LIMITATIONS

In the following scenarios, the Lane Keeping Assist (LKA) function may fail to operate or perform unexpectedly:

- Conditions such as large shadows, obvious standing water, snow, or construction in the lane may make it difficult to recognise the lane lines, which may cause the lane line recognition to fail to stabilise or be unable to recognise them. This can result in issues such as lane departure, failure of the Lane Keeping Assist (LKA) function, or an abnormal exit of the Lane Keeping Assist (LKA) system.
- Conditions in the lane that may cause wheel slip or severe bumping, such as obvious standing water, snow, thin ice, scattered debris, obstacles, a slippery road surface, or road subsidence, may cause the vehicle's travelling angle to deviate from its intended path when the Lane Keeping Assist (LKA) function intervenes. In extreme cases, wheel slip may occur, affecting travelling safety.
- Poor road lighting conditions or backlighting in the driving direction may cause lane line recognition to fail to stabilise or become unrecognisable. This can lead to issues such as vehicle lane departure, failure of the Lane Keeping Assist (LKA) function, and an abnormal exit of the Lane Keeping Assist (LKA) system.
- In weather conditions such as rain, snow, or fog that may make lane markings unrecognisable, issues may occur such as the recognition of lane markings failing to stabilise or failing to be recognised, leading to the vehicle deviating from the lane, the Lane Keeping Assist (LKA) function failing, and the Lane Keeping Assist (LKA) system exiting abnormally.
- In strong winds, issues may occur such as the vehicle's travelling angle deviating from the expected planned path when the Lane Keeping Assist (LKA) function intervenes, the vehicle deviating from the lane, and the Lane Keeping Assist (LKA) function failing.

The above warnings and limitations do not describe 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 a collision, you must stay alert and pay attention to road conditions at all times while driving, so as to anticipate whether corrective measures need to be taken as early as possible.

⚠ WARNING

- The Lane Keeping Assist (LKA) system is merely an assist system and cannot replace the driver in monitoring traffic conditions. The driver should always pay attention to the road conditions, actively control the vehicle, and assume full responsibility for the safety of the vehicle.
- The driver should always hold the steering wheel and actively control the vehicle.
- The Lane Keeping Assist (LKA) system cannot always recognise lane markings. Due to factors such as severe weather, missed or false triggering of the function may occur. Therefore, drivers must centralise their attention on observing road and traffic conditions, and drive cautiously.
- Lane keeping assist has limited steering force and provides only slight deviation correction

steering assistance, and cannot guarantee that the vehicle will be completely prevented from drifting out of its lane, so do not rely on lane keeping assist for directional control, and the driver should always be prepared to increase steering effort, especially in curves.
- Lane keeping assist does not continuously control the direction of the vehicle, i.e. it does not keep the vehicle in the center of the lane at all times.
- Do not place objects that reflect light on the instrument panel, as they not only tend to dazzle the driver, but may also reflect light into the system's front camera and interfere with the system's proper operation.
- Drivers should not rely too heavily on the Lane Keeping Assist (LKA) system, and should not deliberately test or wait for the function to trigger. False triggers and missed triggers cannot be completely avoided due to the inherent limitations of system performance.
- When the Lane Keeping Assist (LKA) system exits unexpectedly under conditions such as excessively sharp curves, sloped road surfaces, unclear lane markings, or excessively wide or narrow lanes, the system will only prompt the user of the function's exit through changes in the lane marking status on the instrument cluster. The driver must take full responsibility for driving safety.
- The Lane Keeping Assist (LKA) system cannot always recognise markings, and may sometimes mistake poor road surfaces, certain road structures, or objects for lane markings. When such situations occur, be sure to turn off the Lane Keeping Assist (LKA) system immediately.
- Excessive tyre wear or excessively low tyre pressure can worsen the LKS performance.
- The system may not provide a separate prompt when the function exits due to lane departure while driving on a curve, so drive with caution.
- When there is a non-smooth transition in lane markings, the steering wheel may make large adjustments; please drive cautiously.
- When the road markings are close to the curb and unclear, such as in the boundary lane within a tunnel, camera recognition may switch between the lane markings and the curb, causing the steering wheel to swing back and forth; please drive cautiously.
- If the Lane Keeping Assist (LKA) system fails, the Lane Departure Warning (LDW) / Lane Keeping Assist (LKA) malfunction indicator in the instrument cluster will light up. Please safely stop the vehicle in time and contact a Leapmotor service centre or an authorised service shop for maintenance.

FORWARD COLLISION WARNING (FCW)

SYSTEM INTRODUCTION

The FCW (Forward Collision Warning) system is referred to as "FCW". The system detects the relative distance, direction, and speed between the vehicle ahead in the same lane and the host vehicle. It comprehensively evaluates the pre-collision risk level based on the driver's other operational behaviour (such as stepping on the brake pedal, stepping on the accelerator pedal, etc.), and warns the driver when necessary. It can promptly remind the driver to take measures to avoid or mitigate the collision when there is a risk of collision.

TURNING ON OR OFF THE FCW (FORWARD COLLISION WARNING) SYSTEM

On the "Settings - ADAS - Active Safety" interface of the central control screen, tap the "FCW (Forward Collision Warning)" button to turn on or off the FCW (Forward Collision Warning) system. After the system is turned on, the FCW (Forward Collision Warning) sensitivity can be adjusted:
- Low: Low safety distance sensitivity when the function is triggered.
- Medium: Medium safety distance sensitivity when the function is triggered.
- High: High safety distance sensitivity when the function is triggered.

TRIGGERING THE FCW (FORWARD COLLISION WARNING) SYSTEM



When the vehicle is travelling in the speed range of 5 to 150 km/h (3 to 93 mile/h), if the system

detects a collision risk between the host vehicle and the target vehicle ahead, it will remind the driver to maintain a safe following distance through the instrument cluster. If the brake pedal is depressed during the alarm, the alarm will stop.

FUNCTIONAL LIMITATIONS

Only qualifying vehicles traveling in the same direction, cyclists, and pedestrians will trigger the forward collision warning (FCW) system. The following targets will not be responded to, including but not limited to:

- Oncoming traffic.
- Side-crossing vehicle.
- Animals.
- Traffic lights.
- Walls.
- Roadblocks (traffic cones, etc.).
- Other non-vehicle objects.

To achieve the best effect of this function, the system needs to recognize the pedestrian's body outline and main features as clearly and completely as possible, that is, it can identify the pedestrian's head, shoulders, arms, legs, upper body and lower body by combining standard human movement methods. The following situations may cause pedestrians to be unrecognized, resulting in the forward collision warning (FCW) system not functioning as intended. This includes, but is not limited to:

- Pedestrians taller than 200cm or shorter than 100cm.
- Pedestrians wearing bulky clothing (such as raincoats, Hanfu, etc.) cause major features (arms, legs, etc.) to be obscured, making their contours indistinct.
- Pedestrians first appear at a closer distance in the sensor's field of view.
- Pedestrians carrying large luggage or large backpacks.
- The color of clothes worn by the pedestrians has low contrast with the background color of the scene.
- Pedestrians holding umbrellas which obscure key features such as their heads and arms.
- Pedestrians bending over or crouching.
- Pedestrian sitting in a wheelchair.
- The distance between pedestrians is relatively close.
- Pedestrians wear clothing with reflective materials.
- Pedestrians in dark places such as roads at night and inside tunnels.
- There is a large variation in pedestrian speed when crossing.

To perform the best function of this function, the system needs to recognize the cyclist's body contour, main features and the outline of the bicycle as clearly and completely as possible. The rider of this function is an adult, and the rider is a bicycle designed for adults. The following situations may cause pedestrians to be unrecognized, resulting in the forward collision warning (FCW) system not functioning as intended. This includes, but is not limited to:

- When the features of a person or bicycle are obscured by clothing or other items, resulting in an indistinct outline.
- When the bicycle carries larger baggage or cargo.
- When the bicycle is moving fast.
- When the color and background contrast of cyclists and bicycles is low.
- When the cyclist's speed changes significantly.
- Cyclists first appear at a closer distance in the sensor's field of view.
- When riding on roads at night, inside tunnels, and other dark places.
- Use of hoverboards, kick scooters, scooters, special forms of electric bicycles, etc.

The following situations may cause the forward collision warning (FCW) system to fail to operate as expected because the target is not directly in front. This includes, but is not limited to:

- It will not respond to targets in sensor blind spots, such as blind spots at the vehicle's corners and to the side and rear of the vehicle.
- Targets may be mis-selected or missed when approaching or turning at roads.
- When on a slope, targets may be lost or the distance to the target may be misjudged.
- 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 recognize and respond to the case.
- When the vehicle suddenly cuts in behind a vehicle ahead, or another vehicle suddenly cuts in or cuts out in front of the vehicle, it may not be recognised in time.

The following situations, due to special or complex road conditions, may affect the forward collision warning (FCW) system's ability to operate as expected. This includes, but is not limited to:

- • There are water, mud, potholes, ice and snow roads, and roads with speed bumps and obstacles;
- Traffic conditions with many pedestrians, bicycles, electric bikes, or animals.
- • There are complex and changeable traffic conditions, such as busy intersections, expressway ramps and crowded roads;
- • Winding roads and sharp turns
- • Uphill and downhill roads
- • Bumpy roads
- • Tunnel entrance and exit

The following operations may cause the forward collision warning (FCW) system not to issue an alert. This includes, but is not limited to:

- When the driver is already braking, the forward collision warning (FCW) system may not issue an alert.
- When the driver deeply or abruptly presses the accelerator pedal, the forward collision warning (FCW) system may not issue an alert.
- When the driver makes a sudden sharp turn, the forward collision warning (FCW) system may not issue an alert.

⚠ WARNING

- The forward collision warning (FCW) system is an assistance feature that does not operate under all driving conditions, traffic, weather, and road situations, and cannot replace attentive driving and accurate judgment. The driver is fully responsible for driving safety.
- When driving, always observe road conditions and do not rely on the forward collision warning (FCW) system to warn of or prevent possible collisions. Many factors can reduce or affect performance, resulting in unnecessary, ineffective, or inaccurate warnings, brake interventions, or omissions. Relying solely on the FCW (Forward Collision Warning) system to warn of and avoid potential collisions may cause serious personal injury or death.
- The forward collision warning (FCW) system cannot guarantee detection of special vehicles in all situations, especially at night when extra caution is required. Such as three-wheeled vehicles, vehicles with damaged tail lamps or unclear rear contours, vehicles with rear obstructions, irregularly shaped vehicles, vehicles with rear vertical surfaces below a certain height, and unloaded cargo-carrying vehicles.
- The forward collision warning (FCW) system may fail to detect stationary or slow-moving vehicles, especially at night, requiring extra caution.
- The forward collision warning (FCW) system may be falsely triggered when the vehicle needs to be driven onto a transport flatbed truck, tow truck, or other special scenarios.
- Before driving the vehicle, be sure to confirm that there are no low obstacles around the vehicle that affect safety, to avoid incidents caused by obstructed vision.
- When the forward collision warning (FCW) system is triggered, the driver must immediately apply the brakes to reduce speed or avoid obstacles according to the traffic conditions.
- The forward collision warning applies only to frontal collision warnings and will not operate when the vehicle is in reverse gear.
- The detection range of the cameras and radar sensors associated with the FCW (Forward Collision Warning) system is limited. Road and weather conditions may adversely affect the area monitored by the forward collision warning (FCW) system; always drive with caution.
- The forward collision warning (FCW) system may issue warnings even when there is no collision risk. Stay focused and always keep an eye on the area in front of the vehicle in order to anticipate if any action needs to be taken.
- If traffic conditions or external influences prevent the camera and radar from correctly detecting pedestrians, cyclists, vehicles, and other objects, warnings may be delayed or omitted entirely.
- Obstruction of the camera and radar sensors can prevent the FCW (Forward Collision Warning) system from operating as expected. For restricted camera conditions, refer to the "Driving Assist Systems - Radar and Camera" section.
- If the FCW (Forward Collision Warning) system malfunctions, the Automatic Emergency Braking (AEB) fault indicator on the instrument cluster will illuminate. Please stop the vehicle safely in a timely manner and contact a Leapmotor service centre or an authorised service centre for inspection and repair.

REAR COLLISION WARNING (RCW)

SYSTEM INTRODUCTION

The Rear Collision Warning (RCW) system monitors the environment behind the vehicle in real-time while travelling and issues a warning message when there is a risk of a rear-end collision.

TURNING THE REAR COLLISION WARNING (RCW) SYSTEM ON OR OFF

Tap the 'Rear Collision Warning' button on the 'Settings - Intelligent Driving - Active Safety' interface of the central control screen to turn the Rear Collision Warning function on or off.

TRIGGERING THE REAR COLLISION WARNING SYSTEM



When the vehicle is travelling at a speed between 15 and 150 km/h (9 to 93 mile/h) and detects a vehicle rapidly approaching from behind with a risk of a rear-end collision, the instrument cluster issues a warning message and flashes the hazard warning lights to remind the rear vehicle to decelerate or maintain a safe distance.

FUNCTIONAL LIMITATIONS

When there are no vehicles in the detection area, the system may still issue an alarm; false alarms may occur in the following cases:

- In a parking lot.
- On uneven road surfaces.
- In building area.
- Shrubs and trees.

In some cases, the Rear Collision Warning system may struggle to provide assistance. Possible situations include:

- The car behind changes lanes at the last moment.
- Detection of oncoming vehicles from behind is too late in scenarios such as sharp curves and ramps.
- A vehicle is persistently tailgating from behind.

WARNING

- The Rear Collision Warning system is an auxiliary function that detects objects behind the vehicle via radar. It cannot accurately detect all approaching targets. The driver must remain attentive at all times, observe the environment behind the vehicle while driving to avoid rear-end collisions, and bears full responsibility for the safety of the vehicle.
- The Rear Collision Warning system cannot detect objects behind other vehicles or obstacles.
- When the vehicle behind is moving too fast, the function may not be able to issue an alarm in time.
- If the Rear Collision Warning system malfunctions, the driving assist function fault indicator in the instrument cluster will light up. Please safely stop the vehicle in a timely manner and contact a Leapmotor service centre or an authorised service outlet for inspection and repair.

BLIND SPOT DETECTION (BSD)

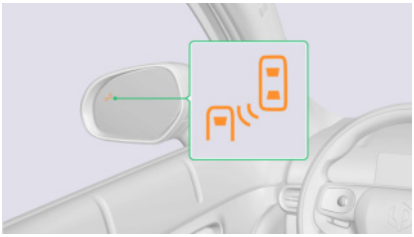
SYSTEM INTRODUCTION

The blind spot detection and warning system is referred to as "BSD". When the vehicle is driving forward, it continuously detects the blind spots on both sides 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 12km/h (7mile/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.

FUNCTIONAL LIMITATIONS

The system may also give an alarm when there is no vehicle in the blind spot. False alarms may occur in the following cases:

- Road guardrail.
- Highway concrete wall.
- Building area.
- A sharp turn around the building.
- Shrubs and trees.
- Turning or U-turn scenario.

In some cases, it will be difficult for the system to provide assistance to the driver, and the detection system may be affected or delayed. Possible situations include but are not limited to:

- The vehicle approaching from behind changes lanes at the last moment.
- It is too late to detect vehicles coming from behind in scenarios such as sharp bends and ramps.
- 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 radius of the curve is too small, or when entering and exiting a curve.
- Severe weather, such as rain and 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 blind spot monitoring and warning system can assist the driver in monitoring the blind spots of the left and right rearview mirrors, but it cannot replace the driver's subjective observation and judgment. The driver must always maintain control and normal driving of the vehicle and 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, system detection may be affected by noise or electromagnetic wave interference, resulting in delays or interference.
- If the blind spot monitoring and early warning system fails, the driver assistance function fault indicator light in the instrument cluster will light up. 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

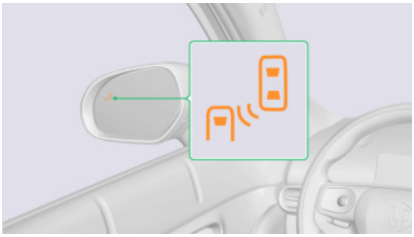
The rear cross traffic warning system is referred to as "RCTA". When the vehicle is reversing, the

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 Assistance" 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.

FUNCTIONAL LIMITATIONS

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:

- Stop at the innermost position.
- Parking spaces are at a certain angle.

When there is no vehicle in the detection area, the system may also issue an alarm. The system may issue a false alarm in the following situations:

- Road guardrail.
- Highway concrete wall.
- Building area.
- A sharp turn around the building.
- Shrubs and trees.
- Too close to the vehicle behind when parking.
- 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, the driver assistance function fault indicator light in the instrument cluster lit if it is on, please stop the car safely in time and contact the Leapmotor Service Centre or authorised service store for maintenance.

REAR CROSS TRAFFIC BRAKE (RCTB)

SYSTEM INTRODUCTION

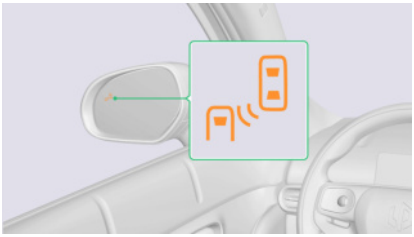
The rear cross traffic brake system is referred to as "RCTB". When the vehicle is reversing at a low speed, it assists in braking when the vehicle is about to collide with a vehicle passing through from behind, thereby minimizing the degree of collision.

The rear cross traffic braking system requires that the target speed shall not exceed 80km/h (50mile/h).

ACTIVATE OR DEACTIVATE THE REAR CROSS TRAFFIC BRAKING SYSTEM

On the "Settings-Intelligent Driving-Active Safety" interface of the central control panel, after the rear cross traffic assist function is turned on, select the assistance level as "warning + braking" to turn on the rear cross traffic brake function.

TRIGGERING OF REAR CROSS TRAFFIC BRAKING SYSTEM



When the vehicle is reversing at a low speed, 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. When the risk continues to rise, the system requests braking.

FUNCTIONAL LIMITATIONS

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 implement automatic braking, or it will stop and continue to apply braking when braking is being applied:

- Driver's seat belt is unbuckled.
- Any door, front engine hood or boot of the vehicle is not closed or fails.
- The driver turns the steering wheel sharply, or the vehicle is at risk of lateral instability (such as excessive steering wheel angle or speed).
- The driver depresses the accelerator pedal heavily.
- The driver depresses the brake pedal heavily and then releases it.
- Poor visibility (such as rain, snow and fog).
- Poor road conditions (such as slippery, etc.).
- Sharp turn section.
- The vehicle brake system fails.

When encountering (but not limited to) the following scenarios, the system may miss or misdetect obstacles or fail to detect obstacles in time due to various factors such as rear/side rear obstruction or target type, location, and timing of appearance, resulting in the system not warning and braking or not warning and braking in time:

- Unfavorable weather conditions, such as rain, snow and fog.
- There are large vehicles behind/behind 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 are pedestrians/two-wheeled vehicles moving slowly into the original lane or moving in the opposite direction towards the vehicle behind/behind the vehicle.
- The ego vehicle or the rear/side-rear target is in a curve.
- There is a target behind/behind the subject vehicle that can only be detected after the subject vehicle changes lanes.
- Other situations beyond the detection conditions and range of the vehicle's radar or camera.

When encountering (but not limited to) the following scenarios, the system may not be able to brake in time due to slippery roads, too fast or too slow target speeds, sudden braking of targets, etc.:

- Poor road conditions, such as slippery roads after sprinkler truck operations or rain.
- There is a vehicle merging into the lane quickly or a vehicle cutting into the rear of the ego vehicle at close range.
- The relative speed difference between the ego vehicle and the rear crossing vehicle is large.
- The vehicle passing through the rear of the ego vehicle suddenly brakes.
- The vehicle is heavily loaded.
- The vehicle is on an uphill, downhill or sharp turn.
- 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 collision or weaken the impact of collision. Do not use this instead of 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 control the vehicle in time to ensure safe driving.
- When rear cross traffic braking occurs, the brake pedal will move down quickly by itself. Therefore, please make sure that the brake pedal can move freely. For example, ensure that the driver's foot pad is properly fixed and avoid placing objects (including superimposed foot pads) under or on the driver's foot pad to avoid affecting the ability of the brake pedal to move freely.
- 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 a real 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 pressing the accelerator pedal or turning the steering wheel.
- The driver should always remain vigilant, pay close attention to various dangerous situations around him, and intervene or control the vehicle manually in time when necessary to ensure safe driving. Violation of the above operations will affect your safe driving, may cause accidents, and even lead to property damage and personal injury.
- If the rear cross traffic brake system fails, the driver assistance function fault indicator light in the instrument cluster If it is on, please stop the car safely in time and contact the Leapmotor Service Centre or authorised service store for maintenance.

FORWARD CROSS TRAFFIC ALERT (FCTA)

SYSTEM INTRODUCTION

The Forward Cross Traffic Alert system is referred to as "FCTA". When the vehicle is travelling at a low speed (between 4 and 15 km/h (2.5 and 9 mile/h)), it monitors the driving environment in the blind spot in front of the vehicle. When it detects that a vehicle crossing horizontally in front is approaching quickly and there is a risk of collision, it issues an alarm message to avoid or reduce the possibility of an accident.

TURNING ON OR OFF THE FORWARD CROSS TRAFFIC ALERT SYSTEM

On the "Settings - ADAS - Active Safety" interface of the central control screen, tap the "Forward Cross Traffic Assist" button to turn on or off the Forward Cross Traffic Alert system.

TRIGGERING THE FORWARD CROSS TRAFFIC ALERT SYSTEM

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

The vehicle will emit an alarm sound to remind you to pay attention to the vehicle coming from the side.

FUNCTIONAL LIMITATIONS

Including but not limited to the following situations, the Forward Cross Traffic Alert system may trigger unnecessary actions or fail to work properly:

- When the radar sensor or camera is misaligned due to a strong impact on the radar sensor, camera, or the surrounding area.
- When the distance between the vehicle and the vehicle ahead is very close, and the target vehicle crosses suddenly.

- When the distance between the vehicle and an object that can reflect radio waves to the front of the vehicle (such as a guardrail, wall, traffic sign, or parked vehicle) is too close.
- Situations that exceed the detection conditions or range of the vehicle's radar or camera.
- Situations where the target speed is too fast or too slow, the target brakes suddenly, or the target steers suddenly.
- Situations where the front or front-side of the vehicle is obscured.
- In scenarios with poor lighting conditions such as strong light or reflection, the system may falsely detect and cause false alarms. For example, the system may falsely detect railway tracks, gantries, height restriction bars, traffic signs, reflective ground studs, etc., as obstacles, thereby triggering an alarm.

WARNING

- The Forward Cross Traffic Alert system is only a driving assistance system and cannot replace the driver in monitoring traffic conditions. The driver should always be alert to the surrounding environment. Always drive carefully and be responsible for your own driving behaviour.
- The Forward Cross Traffic Alert system cannot respond to all traffic, weather, visibility, road, and vehicle conditions. Always drive carefully and be responsible for your own driving behaviour.
- The Forward Cross Traffic Alert system only works for typical crossing vehicles, pedestrians, and cyclists, and cannot function normally for irregularly shaped moving targets or other static targets.
- The system cannot detect objects behind it through other vehicles or obstacles.
- In some cases, the system may not act in time.
- If the Forward Cross Traffic Alert system malfunctions, the driving assistance function fault indicator in the instrument cluster will illuminate. Please stop safely in time and contact a Leapmotor service centre or an authorised service centre for inspection and repair.

FORWARD CROSS TRAFFIC BRAKING (FCTB)

The Forward Cross Traffic Braking (FCTB) system monitors the driving environment in the vehicle's front blind spots when the vehicle is travelling at a low speed (between 4 and 15 km/h (2.5 and 9 mile/h)). When it detects a cross-traffic vehicle rapidly approaching from the front and there is a risk of collision, it issues warning information to avoid or reduce the possibility of an accident. As the collision risk further increases, and the vehicle is about to collide with a cross-traffic vehicle ahead, the system automatically applies the brakes to reduce the vehicle's speed, thereby minimising the severity of the collision or avoiding it altogether.

TURNING THE FORWARD CROSS TRAFFIC BRAKING SYSTEM ON OR OFF

Go to "Settings - Intelligent Driving - Active Safety" on the centre display. After enabling the Forward Cross Traffic Assist function, tap "Warning + Braking" to turn on the Forward Cross Traffic Braking function.

FUNCTIONAL LIMITATIONS

In situations including but not limited to the following, the Forward Cross Traffic Braking system may trigger unnecessarily or fail to operate properly:

- When the radar sensor or camera is misaligned due to a strong impact on the radar sensor, camera, or the surrounding area.
- When the distance between the vehicle and the vehicle ahead is very close, and the target vehicle crosses suddenly.
- When the distance between the vehicle and an object that can reflect radio waves to the front of the vehicle (such as a guardrail, wall, traffic sign, or parked vehicle) is too close.
- Situations that exceed the detection conditions or range of the vehicle's radar or camera.
- Situations where the target speed is too fast or too slow, the target brakes suddenly, or the target steers suddenly.
- Situations where the front or front-side of the vehicle is obscured.
- In scenarios with poor lighting conditions such as strong light or reflection, the system may falsely detect and cause false alarms. For example, the system may falsely detect railway

tracks, gantries, height restriction bars, traffic signs, reflective ground studs, etc., as obstacles, thereby triggering an alarm.

WARNING

- The Forward Cross Traffic Braking system is merely a driving assist system and cannot replace the driver in monitoring traffic conditions; the driver should remain alert to the surrounding environment at all times. Always drive carefully and be responsible for your own driving behaviour.
- The Forward Cross Traffic Braking system cannot cope with all traffic, weather, visibility, road, and vehicle conditions. Always drive carefully and be responsible for your own driving behaviour.
- The Forward Cross Traffic Braking system only responds to typical crossing vehicles, pedestrians, and cyclists, and may not operate properly for irregularly shaped moving targets or other stationary targets.
- The system cannot detect objects behind it through other vehicles or obstacles.
- In certain situations, the system may not intervene in time. Drivers must drive carefully and be responsible for their own driving behaviour.
- If the Forward Cross Traffic Braking system malfunctions, the driving assist function fault indicator on the instrument cluster will illuminate. Please stop the vehicle safely in a timely manner and contact a Leapmotor service centre or an authorised service centre for inspection and repair.

DOOR OPENING WARNING (DOW)

SYSTEM INTRODUCTION

When the vehicle is parked and the door is about to be opened, the door opening warning system monitors other road users on the side and rear of the vehicle, and issues a warning when there is a risk of collision due to the door opening, reminding the driver to pay attention.

TURN ON OR OFF THE DOOR OPENING WARNING

In the "Settings - Intelligent Driving - Active Safety" interface of the infotainment screen, tap the DOW button to turn on/off the DOW 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.

FUNCTIONAL LIMITATIONS

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:

- Road guardrail.
- Highway concrete wall.
- Building area.
- Shrubs and trees.
- Too close to the vehicle behind when parking.
- 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, the driver assistance function fault indicator light in the instrument cluster If it is on, please stop the car safely in time and contact the Leapmotor Service Centre or authorised service store for maintenance.

CHILD PRESENCE DETECTION (CPD)*

SYSTEM INTRODUCTION

After the vehicle is powered off and locked, the Child Presence Detection function detects whether there are vital signs in the front passenger seat and rear row through the radar installed at the top of the vehicle. If vital signs are detected, it prompts the driver to return and intervene through different levels of reminders such as the horn, lights, air conditioning, text messages and App, so as to protect the life safety of the occupants.

TURNING THE CHILD PRESENCE DETECTION SYSTEM ON OR OFF

On the "Settings - System - Security" interface of the central control display, touch the "Vital Signs 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 as an auxiliary reminder and cannot replace the driver's judgement. It is not responsible for casualties of occupants left in the vehicle. Please confirm the condition inside the vehicle before leaving.

ATTENTION

- Obstacles will affect the performance of sensor detection. Before leaving the vehicle, do not use decorations, etc. to cover the sun visor area of the front passenger seat and the roof area above the rear windows, or push the front seats to the rear limit or recline them, otherwise the system may not correctly detect the real-time status of the occupants.
- Please note the network environment around the vehicle. If the vehicle is in a basement or an area with no network signal, alarm messages may not be sent or delayed.
- In scenarios where the entire vehicle shakes, such as towing, lifting and lowering of multi-storey parking spaces, hail, typhoon, and heavy rain, this function may be triggered by mistake. It is recommended that the driver turn off this function in advance.
- Pendants or other unfastened items inside the vehicle may falsely trigger this function when they shake. Please check the items in the vehicle properly before leaving.

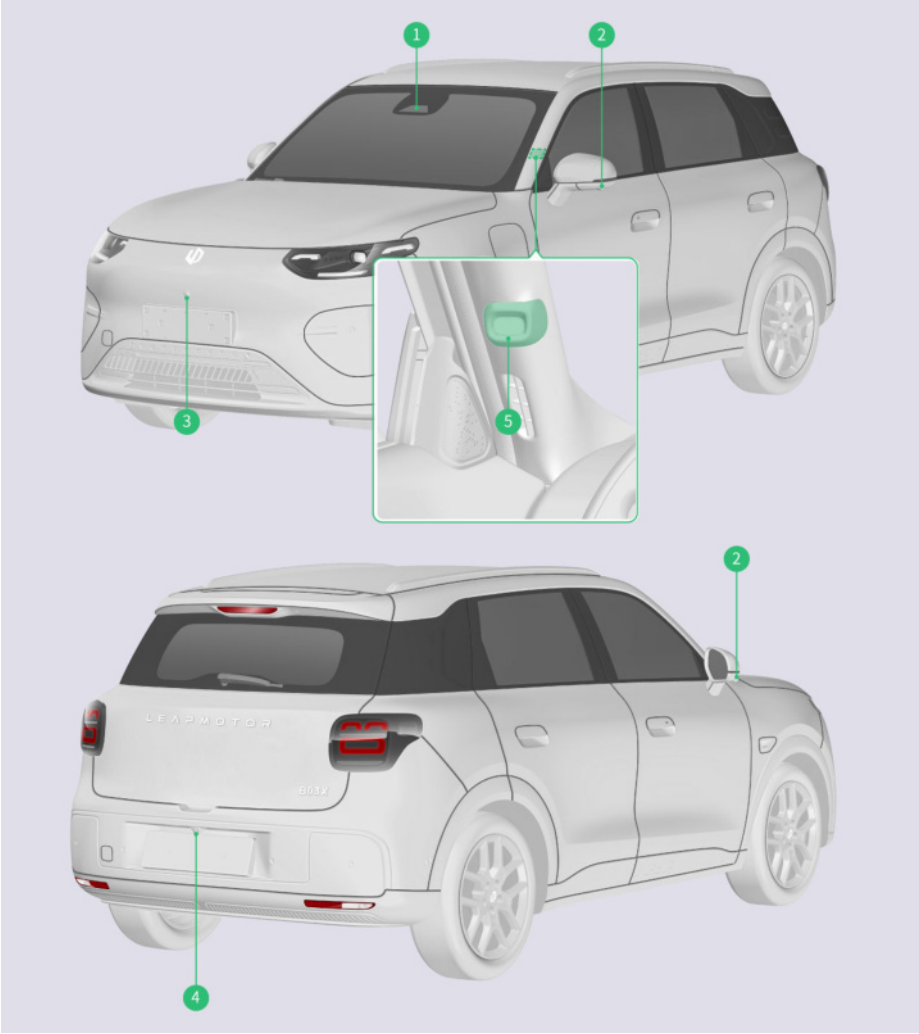
NOTE

- The current alarm can be cancelled by unlocking and opening the doors.
- If the driver leaves the vehicle for a short time, the vital signs detection function can be set on the central control display to delay the detection for 8 minutes after locking the vehicle.
- The CPD switch is turned on by factory default, and it is forced to turn on each time the power is turned on.

DRIVING ASSISTANCE SYSTEM

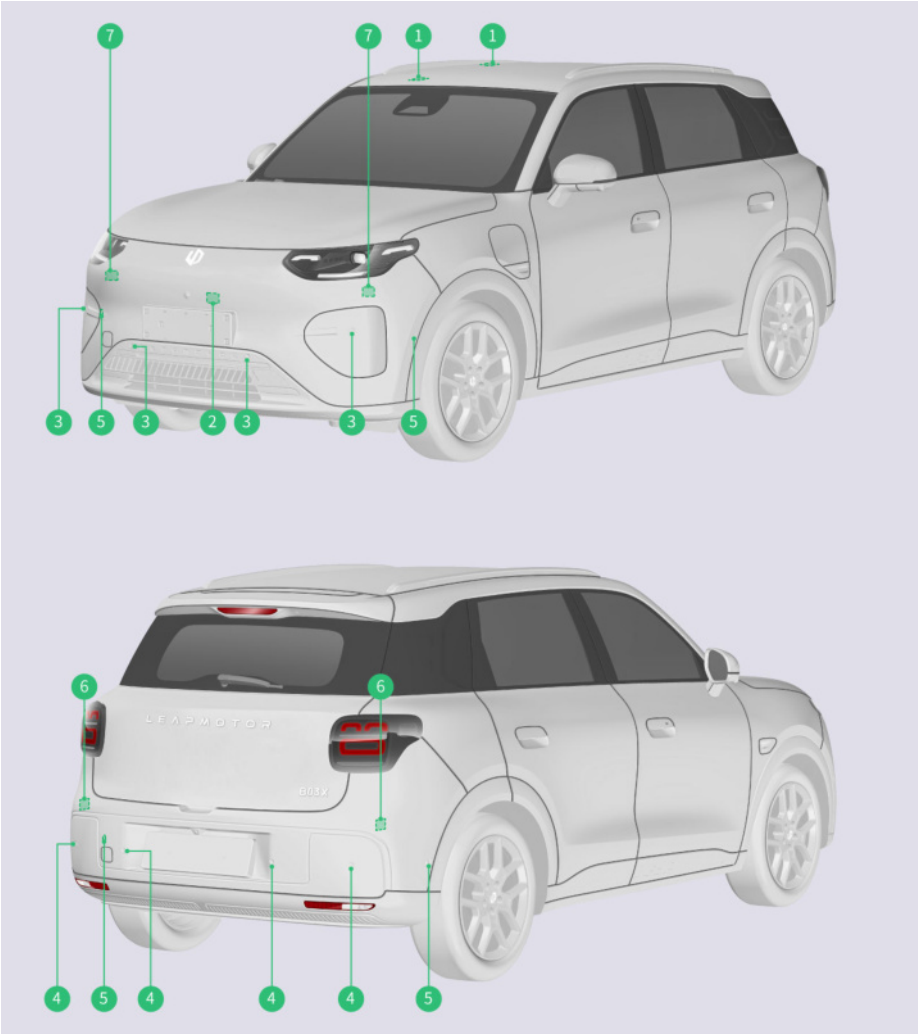
RADAR AND CAMERA

CAMERA DISTRIBUTION



1. Front-view camera
2. Left and right surround-view cameras*
3. Front surround-view camera*
4. Rear surround-view camera
5. Driver fatigue monitoring (DMS) camera

RADAR DISTRIBUTION



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

RADAR AND CAMERA LIMITATIONS

The following targets cannot be identified by radar/camera:

- Special vehicles, such as vehicles with obstructions at the rear, damaged vehicles, and vehicles with irregular shapes.
- When encountering animals, traffic lights, walls and other unidentified obstacles in the road.
- Some metal guardrails, green belts, cement 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 low-speed or stationary sweepers, overturned accident vehicles, 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 will cause the radar/camera to fail to recognize the target, recognition delay or recognition error:

- The radar or camera is blocked or dirty, such as by foreign objects such as ice and snow, frost, rain and fog, accumulated water, dust, etc.
- There is a fault in the radar, camera or its associated components.
- Severe weather, such as rain, snow and fog.
- The road is uneven or other reasons cause the vehicle to bump and shake.
- There is interference from sound wave sources of the same frequency around the vehicle.
- There are objects near the vehicle that can cause false reflection of sound waves.
- 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 be generated for some metal guardrails, green belts, cement walls, etc.
- When the brightness of the surrounding environment changes suddenly, such as at the entrance or exit of a tunnel.
- Large shadows cast by buildings, landscapes or large vehicles.
- The vehicle collides and the installation position of radar or camera is changed.
- Strong light, such as oncoming headlights or direct sunlight.
- The surrounding environment is dim, such as night, dawn, dusk, tunnels, etc.

FULL-SPEED ADAPTIVE CRUISE CONTROL (ACC)

SYSTEM INTRODUCTION

The full-speed Adaptive Cruise Control (ACC) system is referred to as "ACC". During normal vehicle travelling, the driver can set the cruising speed and following distance through the steering wheel buttons. When the distance to the vehicle ahead is too close, the full-speed ACC maintains a safe distance from the vehicle ahead by controlling the vehicle to decelerate. The full-speed Adaptive Cruise Control (ACC) is only responsible for longitudinal acceleration and deceleration control, and is not responsible for steering wheel control.

Full-speed adaptive cruise control is a comfortable assisted driving function. If the road ahead is clear, it will maintain the maximum set cruising speed and continue moving forward. If a vehicle is detected ahead, the system will reduce speed as necessary to maintain the preset following distance.

ENABLE FULL-SPEED ADAPTIVE CRUISE CONTROL



When the vehicle is travelling normally and the full-speed Adaptive Cruise Control (ACC) available icon appears on the instrument cluster, push the gear stalk downwards to enter the full-speed ACC working state, and the instrument cluster prompts that the function is turned on; if the full-speed ACC is in an unavailable state, the instrument cluster prompts that the function is unavailable.

Press the accelerator pedal and push the gear stalk downwards at the same time. If the current actual vehicle speed is greater than 30 km/h (19 mph), the cruising speed is set to the current vehicle speed; if the current actual vehicle speed is less than or equal to 30 km/h (19 mph), the cruising speed is set to 30 km/h (19 mph).

CRUISE INTERFACE DISPLAY

When the Adaptive Cruise Control (ACC) is in the available state, the instrument indicator illuminates. When the Adaptive Cruise Control (ACC) is working, the instrument indicator illuminates.

FULL-SPEED ADAPTIVE CRUISE CONTROL (ACC) CONTROLLED BY STEERING WHEEL BUTTONS



Vehicle speed control:
- Scroll the scroll wheel upwards, and the speed increases by 1 km/h for each click.
- Scroll the scroll wheel downwards, and the speed decreases by 1 km/h for each click.

Following Distance Settings (3 Levels in Total):
- Push the scroll wheel to the left once to set the following distance to a closer level.
- Push the scroll wheel to the right once to set the following distance to a farther level.

DISABLE FULL-SPEED ADAPTIVE CRUISE CONTROL



When the full-speed Adaptive Cruise Control (ACC) is turned on, the full-speed ACC system can be turned off by pushing the gear stalk upwards or pressing the brake pedal.

FUNCTIONAL LIMITATIONS

Situations Where the Full-speed Adaptive Cruise Control (ACC) Function is Unavailable:
- Full-speed Adaptive Cruise Control (ACC) system fault.
- The vehicle is not in D gear.
- The vehicle speed is 0.
- The turning radius of road curve is too small.
- The vehicle doors are not closed.
- Press the brake pedal.
- Electronic parking brake (EPB) not released.
- The vehicle rolls backward.
- In dark scenarios such as night, underground garages, tunnels, and bridge openings, as well as in severe weather such as heavy rain, heavy snow, and heavy fog.

WARNING

- Full-speed Adaptive Cruise Control (ACC) is not a safety system, obstacle detector or collision warning system, but a comfort system. The driver must maintain control of the vehicle at all times, observe the road conditions ahead and take corrective action at any time. Do not rely on the system, and bear ultimate and full responsibility for the safe travelling 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, on icy or slippery roads, or in severe weather conditions (such as heavy rain, heavy snow, thick fog, etc.) when it is not suitable for travelling at a constant speed.
- 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.
- While the vehicle is moving, if a vehicle in an adjacent lane moves laterally and quickly in front of the ego vehicle or happens to be in front of the ego vehicle on an adjacent curve, it may cause a false target judgment by the full-speed Adaptive Cruise Control (ACC). The full-speed Adaptive Cruise Control (ACC) may cause the vehicle to brake when braking is not required or when the driver has not applied the brakes. The driver should always be alert to the surrounding environment and keep hands on the steering wheel at all times so that they can control the vehicle in time when potential hazards occur to ensure safe driving.
- Full-speed Adaptive Cruise Control (ACC) can only realise limited braking and cannot realise emergency braking.
- At intersections, speed bumps, zebra crossings, or when changing lanes, at highway entrances and exits, ramps, or construction sections, the driver should control the vehicle to exit the full-speed Adaptive Cruise Control (ACC) to ensure safe driving.
- 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 Control (ACC) system is suitable for travelling on highways and roads in good condition. Do not use full-speed Adaptive Cruise Control (ACC) on city roads or under variable road conditions.
- Full-speed Adaptive Cruise Control (ACC) may react to vehicles or objects that do not exist or are not in the lane in which the vehicle is travelling, resulting in unnecessary or inappropriate deceleration of the vehicle. The driver should always keep hands on the steering wheel, be ready to control the vehicle at all times, and not rely on the full-speed Adaptive Cruise Control (ACC) system.
- ACC can only control the vehicle speed, not its direction of travel.
- 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 situation, 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 collisions or vibrations, resulting in degraded performance. In this case, recalibration may be required.
- When entering and exiting corners, the selection of targets may be delayed or interfered with. Under these circumstances, the full-speed Adaptive Cruise Control (ACC) vehicle may not brake as expected or may brake too late.

- On sharp curves, such as serpentine roads, the preceding vehicle may be lost within a few seconds due to the limited field of view of the radar sensor and camera, which may cause the full-speed Adaptive Cruise Control (ACC) vehicle to accelerate.
- When vehicles are traveling in road scenarios such as sharp curves, due to the limited recognition range of the system, it may result in the inability to recognize the vehicle in front or a significant lag in recognition.
- In some cases (such as when the speed of the preceding vehicle is too slow relative to the ego vehicle, changing lanes too quickly, or the safety distance is too small), the system does not have enough time to reduce the relative speed. In such cases, the driver must react appropriately. ACC cannot provide an audible or visual alarm in each case.
- If the vehicle using full-speed Adaptive Cruise Control (ACC) is too close to the adjacent lane (or a vehicle in the adjacent lane is too close to the lane of the vehicle using full-speed Adaptive Cruise Control (ACC)), the full-speed Adaptive Cruise Control (ACC) may react to that vehicle and apply the brakes.
- If a vehicle changes lanes into the path of a vehicle using full-speed Adaptive Cruise Control (ACC) and is within the radar's detection range, it will be recognised as a target vehicle and reacted to as such, which may lead to heavy braking or late braking.
- In some circumstances, the detection may be affected or delayed. If the radar reflection section of the target is too small (the target may be a bicycle, carriage or pedestrian), there is a risk that the system cannot identify the distance from the vehicle ahead, resulting in late response or failure to respond to these target vehicles. Should this situation occur, the driver shall control the vehicle speed. Moreover, the detection may be affected by noise or electromagnetic interference, resulting in delay or interference.
- If the vehicle is travelling for a long time under special road conditions such as circular parking lots and tunnels, the radar may experience a temporary 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 travelling along a normal road for a certain distance.
- Structural modifications to the vehicle, such as lowering the chassis height or changing the front license plate mounting bracket, may affect the full-speed Adaptive Cruise Control (ACC).
- Metal objects such as rails or metal plates for road construction may interfere with the radar sensor, preventing it from working 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. Going downhill increases the vehicle's travel speed, which causes the vehicle to exceed the set speed (and possibly the road speed limit). Always observe the road conditions while driving and be prepared to take the correct measures as needed.
- For stationary or slow-moving objects, such as vehicles, the tail end of traffic flow, toll booths, bicycles, or pedestrians, full-speed Adaptive Cruise Control (ACC) can only react 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.
- It is your responsibility to always maintain a safe following distance. Do not rely on full-speed Adaptive Cruise Control (ACC) to maintain an accurate or appropriate following distance, or rely on full-speed Adaptive Cruise Control (ACC) to sufficiently reduce vehicle speed to avoid collisions. Always observe the road conditions ahead and be prepared to take immediate corrective actions.
- Do not use full-speed Adaptive Cruise Control (ACC) in narrow scenarios, mixed pedestrian and vehicle traffic scenarios, underground garages, internal parks, and other similar scenarios.
- When encountering special-shaped vehicles, toll booths, crossing bicycles or pedestrians, the driver needs to pay attention at all times, keep hands on the steering wheel, and be ready to control the vehicle at any time.
- If the full-speed Adaptive Cruise Control (ACC) function fails, the driving assistance function fault indicator in the instrument

cluster will light up. Please stop safely in time and contact a Leapmotor service centre or authorised service shop for inspection and repair.

NOTE

- The maximum set speed of the full-speed Adaptive Cruise Control (ACC) is 150 km/h (93 mile/h).
- The minimum set speed for Full-speed ACC is 30km/h (19mph), but can be stopped at 0km/h (0mph).

LANE CENTERING CONTROL (LCC)

SYSTEM INTRODUCTION

The Lane Centering Control (LCC) system assists the driver in controlling the steering wheel to continuously centre the vehicle in the current lane by recognising lane markings. If it detects that the driver's hands are not holding the steering wheel while travelling, the system will issue a warning based on factors such as weather, vehicle speed, and road environment, prompting the driver to take prompt control of the vehicle and drive safely through audio and visual alerts.

TURNING ON OR OFF THE LANE CENTERING CONTROL (LCC) FUNCTION

On the central control screen, go to 'Settings - ADAS - Driving Assist' and tap the 'Lane Centering Control' button to turn on or off the Lane Centering Control (LCC) function.

TRIGGERING THE LANE CENTERING CONTROL (LCC) FUNCTION



With the Lane Centering Control (LCC) function available, the driver toggles the gear stalk downward twice in succession to activate the Lane Centering Control (LCC) function. After the function is activated, the lane assist system operating indicator in the instrument cluster lights up.

HANDS ON DETECTION

While the Lane Centering Control (LCC) function is active, if the driver's hands leave the steering wheel for more than 30s, the Level 1 Hands-off Steering Wheel Warning will be triggered. If the driver's hands leave the steering wheel for more than 60s, the Level 2 Hands-off Steering Wheel Warning will be triggered. If the driver's hands leave the steering wheel for more than 90s, the Level 3 Hands-off Steering Wheel Warning will be triggered. During the Level 3 Warning, the function begins to exit slowly and enters disabled mode.

- Level 1 Hands-off Steering Wheel Warning: the instrument cluster prompts to slightly turn the steering wheel.
- Level 2 Hands-off Steering Wheel Warning: the instrument cluster displays an alarm warning icon and prompts to slightly turn the steering wheel.
- Level 3 Hands-off Steering Wheel Warning: the instrument cluster displays an alarm warning icon and prompts the driver to control the vehicle, and the Lane Centering Control (LCC) function begins to exit slowly.

EXIT LANE CENTERING CONTROL FUNCTION

The Lane Centring Control (LCC) system will deactivate under the following circumstances:

- Driver actively intervenes with the steering wheel.
- The driver toggles the gear stalk 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.

FUNCTIONAL LIMITATIONS

The Lane Centering Control (LCC) system may experience limited function and is not recommended for use in the following situations:

- The road has sharp curves, spliced sections, or poor conditions, such as bumpy, slippery, flooded, or icy surfaces.
- On an inclined road or up and downhill sections.
- The lane is either 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 ahead blocks the camera field of view or obscures the lane lines.
- The windscreen blocks the camera's field of view (blocked by water mist, dust, stickers, etc.).
- The lane lines are excessively worn or blocked, covered, or disappeared, or temporarily adjusted or changed rapidly due to road construction (e.g. lane diverging, crossing, or merging).
- Objects or landscape features cast shadows onto the lane.
- The road surface has text or traffic signs.
- Road sections with diversion lines.
- Warning traffic cones, warning signs or other objects are placed on the road surface.
- Large vehicles such as trucks, buses, etc. are present to the side or in front of your vehicle.
- On the construction section.
- Radar or camera is limited.
- When there is a large lateral airflow or strong wind on one side of the vehicle, the Lane Centering Control (LCC) performance will be affected. Such weather is not suitable for using the Lane Centering Control (LCC) system.

⚠ WARNING

- The Lane Centering Control (LCC) function cannot replace the driver in monitoring traffic conditions. The driver should always be alert to the surrounding environment and keep hands on the steering wheel during use, so as to control the vehicle in time when potential danger occurs, and bear full responsibility for vehicle safety.
- The driver should always hold the steering wheel and actively control the vehicle.
- The Lane Centering Control (LCC) function cannot cover all traffic, weather, and road conditions. Do not use it in severe weather (such as rain, snow, or fog).
- The Lane Centering Control (LCC) function has limited steering force and can only provide slight corrective steering assistance, which cannot guarantee complete prevention of the vehicle from departing its lane. Therefore, never rely on the Lane Centering Control system to control the direction. The driver must always keep their hands on the steering wheel to ensure safe driving.
- Do not place objects that reflect light on the instrument panel, as they not only tend to dazzle the driver, but may also reflect light into the system's front camera and interfere with the system's proper operation.
- Please use Lane Centering Control (LCC) with caution in congested road sections. The behaviour of other vehicles (such as other vehicles cutting in front of this vehicle, crossing in front of this vehicle, or the vehicle ahead leaving the current lane) may interfere with the LCC, causing incorrect steering that could lead to scratches or even collisions with other vehicles. The driver is responsible for intervening in a timely manner to avoid collisions with other vehicles.
- Do not use Lane Centering Control (LCC) on city roads or in variable road conditions.
- Do not use Lane Centering Control (LCC) on winding roads with sharp turns, or on bumpy, icy or slippery roads. The LCC system cannot stabilise steering wheel assist control under these poor road conditions.
- When the direction of the lane lines ahead changes sharply, such as lane merging, or sudden increases or decreases in lane width, Lane Centering Control (LCC) may fail. In these road scenarios, the driver should always be alert to the surrounding environment and keep their hands on the steering wheel at all times, so as to control the vehicle in a timely manner in case of potential danger and ensure driving safety.
- When using Lane Centering Control (LCC) on curves, the driver must keep their hands on the steering wheel to control the vehicle, and take over control in a timely manner when LCC exits.
- Do not use Lane Centering Control (LCC) at road splits.
- A vehicle suddenly making a fast lane change to the front of this vehicle at close range may cause Lane Centering Control (LCC) to work abnormally. The driver should always be alert

to the surrounding environment and keep their hands on the steering wheel at all times, so as to control the vehicle in a timely manner in case of potential danger and ensure driving safety.
- Do not use Lane Centering Control (LCC) when the vehicle is in poor condition, such as abnormal four-wheel alignment, abnormal tyre pressure, etc.
- Lane Centering Control (LCC) may unexpectedly exit at any time for unknown reasons. The driver must observe the road conditions ahead and be ready to take appropriate measures. The driver is responsible for always controlling the vehicle and bears full responsibility for driving safety.
- Lane Centering Control (LCC) may occasionally assist in steering the vehicle when steering assist is not needed or when you do not intend to steer. 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 Control (LCC) may not work properly at intersections, and may perform unexpected steering control, causing unexpected dangers, such as scratching or even colliding with other vehicles at the intersection. Therefore, never use LCC at traffic intersections.
- Guardrails, central reservations, or kerbs on the side of the road may interfere with the sensors and cause Lane Centering Control (LCC) to work abnormally. The driver should always be alert to the surrounding environment and keep their hands on the steering wheel at all times, so as to control the vehicle in a timely manner in case of potential danger and 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 Centering Control (LCC) function fails, the driving assist function fault indicator on the instrument cluster will illuminate. Please stop safely in a timely manner and contact a Leapmotor service centre or authorised service centre for maintenance.

NOTE

- The Lane Centering Control (LCC) function can be activated within the vehicle speed range of 30-130 km/h (19-81 mph).

EMERGENCY LANE KEEPING (ELK)

SYSTEM INTRODUCTION

The Emergency Lane Keeping system is abbreviated as 'ELK'. When the vehicle is travelling, if there is a risk of collision with an oncoming vehicle in an adjacent lane, a vehicle from behind, or the road edge, the system will actively intervene in steering wheel control to make corrections in order to avoid a collision. This process still requires the driver to focus on driving and always pay attention to the surrounding environment.

TURNING ON OR OFF THE EMERGENCY LANE KEEPING (ELK) FUNCTION

On the central control screen, go to 'Settings - ADAS - Active Safety' and tap the 'Emergency Lane Keeping Assist' button to turn on or off the Emergency Lane Keeping function.

WARNING

- The relevant precautions for the Emergency Lane Keeping system are identical to those for Lane Centering Control (LCC).
- If the Emergency Lane Keeping system fails, the driving assist malfunction indicator in the instrument cluster will light up. Please safely stop the vehicle in time and contact a Leapmotor service centre or an authorised service shop for maintenance.

AUTOMATIC LANE CHANGE ASSIST (ALC)

SYSTEM INTRODUCTION

The Lane Change Assist (ALC) system is an assist driving system extended from the Lane Centering Control (LCC) system. When the vehicle is travelling on a multi-lane road in the same direction, and the driver turns on the turn signal, the system will monitor and assess the surrounding environment. Under safe conditions, it will assist the driver in changing lanes to the adjacent lane, and continue Lane Centering Control (LCC) in the new lane.

TURNING ON OR OFF THE LANE CHANGE ASSIST (ALC) FUNCTION

On the central control screen, go to 'Settings - ADAS - Driving Assist' and tap the 'Lane Change Assist (ALC)' button to turn on or off the Lane Change Assist (ALC) function.

TRIGGERING THE LANE CHANGE ASSIST (ALC) FUNCTION



After the Lane Change Assist (ALC) function is enabled, provided that Lane Centering Control (LCC) is activated and the vehicle speed is between 65 and 130 km/h (40 and 81 mph), the system will assess the surrounding environment. When the environment allows for a lane change, the instrument cluster will highlight the lane on the corresponding side. At this time, if the driver turns on the turn signal for that side, the system will assist the vehicle in moving into the adjacent lane. Once the lane change is complete, Lane Centering Control (LCC) will continue to control the vehicle's travelling.

FUNCTIONAL LIMITATIONS

Please use this function with extreme caution under the following conditions:

- The lane marking ahead changes from dashed to solid.
- Lanes where markings are excessively worn, obscured, covered, missing, or undergoing temporary adjustment or rapid changes (such as lane forks, crossings, or merges) due to road construction.
- The lane ahead narrows.
- Objects or landscape features projected onto the driveway creating large areas of shadow.
- 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 curves, spliced sections, or poor conditions, such as bumpy, slippery, flooded, or icy surfaces.
- In scenarios with heavy traffic such as diverging ramps, especially when there are other vehicles travelling side by side in the target lane.
- When the vehicle is about to change to the target lane, other vehicles changing to the target lane may cause a collision risk. In this case, the driver must take timely measures to avoid changing lanes.
- There are large trucks or buses in the lane adjacent to the target lane chosen by the vehicle.
- Traffic guide signs such as traffic cones, isolation barriers, or warning signs are placed on the lane lines.
- A vehicle fault occurs.

⚠ WARNING

- Lane Change Assist (ALC) is only a driving assist function. When Lane Change Assist (ALC) is activated, the driver must still constantly observe the lane change environment for safety, so as to control the vehicle in time before any potential danger occurs.
- The Lane Change Assist (ALC) function cannot replace the driver in monitoring traffic conditions and cannot detect all vehicles in the target lane. When using this function, the driver should constantly observe the vehicle lane change environment, determine whether

the current lane change is safe, and bear full responsibility for vehicle safety.
- Do not use Lane Change Assist (ALC) on city roads or in varying traffic conditions.
- Lane Change Assist (ALC) may unexpectedly exit at any time for unknown reasons. Always observe road safety conditions and be ready to take appropriate measures at any time. The driver is always responsible for lane change safety.
- If the Lane Change Assist (ALC) function fails, the driving assist function fault indicator in the instrument cluster will light up. Please park the vehicle safely in time and contact a Leapmotor service centre or an authorised service centre for maintenance.

INTELLIGENT SPEED ASSISTANCE (ISA)*

SYSTEM INTRODUCTION

Intelligent Speed Assistance is abbreviated as "ISA". While the vehicle is travelling, when the system recognises road speed limit signs, 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.

ENABLE OR DISABLE INTELLIGENT SPEED ASSISTANCE FUNCTION

In the "Settings - Smart Drive - Driving Assist" interface on the centre display, tap the "Intelligent Speed Limit Recognition Assist" button to enable or disable the Intelligent Speed Assistance function. When the function is turned on, you can choose to enable or disable the speed limit change beep, overspeed alarm, overspeed alarm sound, and speed limit control.

TRIGGER INTELLIGENT SPEED ASSISTANCE FUNCTION



With the function enabled and the vehicle travelling, when the system detects that the vehicle speed on the instrument cluster is greater than the sum of the current speed limit value and the speed limit deviation, it will prompt the driver via the instrument cluster. If the conditions for speed limit alarm are met, the system will alarm in time.
- Speed limit display: When the system detects speeding, the speed limit icon on the instrument cluster flashes.
- Speeding warning: When the system detects speeding, the speed limit icon on the instrument cluster flashes and the buzzer sounds an alarm.

WARNING

- The Intelligent Speed Assistance system is only an assistive system and cannot completely replace the driver's judgement of road speed limit information. In any case, drivers should pay attention to road information signs, drive cautiously, and take full responsibility for vehicle safety.
- The Intelligent Speed Assistance system can only recognize speed limit signs and provide reminders; it does not participate in the active control of the vehicle. Control of the vehicle always remains in the driver's hands. Please drive reasonably.
- Do not rely on the Intelligent Speed Assistance system to determine the appropriate speed limit or travelling speed. You should always drive within a safe speed range according to traffic and road conditions.
- Camera recognition of speed limit signs is not always accurate. The system may misjudge road conditions and happen to provide potentially different speed limits for adjacent roads, or the camera may incorrectly recognize and display speed limit signs.
- If speed limit signs are non-standard or do not meet national size requirements, they may be mistakenly recognized as non-speed limit signs, resulting in misrecognition.
- Unclear or twisted, tilted, reflective, partially obscured or overlaid speed limit signs on the road reduce the recognition ability of the camera or make it impossible to recognize them.
- The performance of the Intelligent Speed Assistance system is affected by weather, illumination, and the visual quality of road signs. Conditions such as night, backlighting, sunset, rain, fog, haze, snow and ice coverage, dust, and sudden changes in

brightness may result in reduced recognition capability or failure to recognize the speed limit signs.
- If the Intelligent Speed Assistance system fails, the speed limit sign recognition fault indicator in the instrument cluster will light up. Please park the vehicle safely in time and it is recommended to contact a Leapmotor service centre or an authorised service centre for maintenance.

FRONT VEHICLE DEPARTURE ALERT

SYSTEM INTRODUCTION

After the Front Vehicle Start Reminder function is enabled, when the vehicle is in a traffic jam or waiting at a red light, and the system determines that the vehicle ahead has started, the instrument cluster will remind the driver to start the vehicle promptly via a voice prompt and pop-up.

FUNCTION OPERATION

On the central control screen, go to 'Settings – ADAS – Driving Assist' and tap the 'Front Vehicle Start Reminder' button to turn on or off the Front Vehicle Start Reminder function.

WARNING

- The Front Vehicle Start Reminder function is an assist function. You should maintain your attention and confirm the status of the vehicle ahead when starting the vehicle.

DRIVER DROWSINESS AND ATTENTION WARNING SYSTEM (DDAW)

SYSTEM INTRODUCTION

The Driver Drowsiness and Attention Warning (DDAW) system, during normal vehicle travelling, monitors the driver's fatigue state in real time mainly through the detection of the Driver Monitoring System (DMS) camera and the auxiliary comprehensive judgment of some IVI signals, so as to realise the fatigue warning function. And through visual and audible reminders, it achieves the effect of warning drivers and correcting incorrect driving behavior.

FUNCTION OPERATION

Upon vehicle ignition, the DDAW is activated by default. When the gear is in "D" and the vehicle speed is not less than 10 km/h (6 mile/h), if the system detects the driver's fatigued driving behaviour, the vehicle will prompt with a pop-up window on the centre display and an icon on the instrument cluster, and warn the driver to drive safely through an alarm sound.

FUNCTIONAL LIMITATIONS

In the following situations, the function of the Driver Drowsiness and Attention Warning system may be affected:
- The camera is blocked.
- The camera is exposed to strong direct light.
- The driver's face is partially illuminated by light or the facial features are incomplete.
- The driver wears a mask and infrared blocking glasses. Or when other objects cover the mouth.
- The driver's sitting posture is abnormal and exceeds the range of conventional driving postures.
- Adjust the steering wheel:

In certain situations, the monitoring of the driver's fatigued and distracted driving behaviour may be affected or fail, resulting in the system not issuing corresponding warnings or becoming partially unavailable:
- Situations where direct light such as sunlight and oncoming vehicle headlights interferes.
- Abnormal sitting posture or beyond the range of conventional driving postures.
- Situations where the eyes are obstructed, including but not limited to various sunglasses with low light transmission, polarized lenses, sunglasses, and eyeglass frames causing obstruction.
- Wearing accessories such as hats, scarves, and headbands that may obscure main facial features.
- The driver wears a mask.

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.
- It is very important to focus on driving and to take breaks as needed. When the system issues a fatigue warning, drivers should promptly adjust their driving behavior or stop for a break as soon as possible 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 always have the responsibility to drive the vehicle safely and carefully, and to comply with current laws and traffic regulations.
- Do not engage in drowsy driving. It is the driver's responsibility to maintain a healthy and alert driving status at all times.
- When the driver realizes drowsy driving, stop and rest as soon as possible.

ATTENTION

- If the system experiences a recoverable short-term fault (e.g., the camera is obscured), the fatigue monitoring warning fault indicator on the instrument cluster will light up, and a text message will appear on the centre display to inform the user of the current system fault, with the relevant fatigue detection functions disabled. After the fault is eliminated, the DDAW system resumes real-time operation.
- If the system experiences an unrecoverable fault (e.g., camera open circuit), the fatigue monitoring warning fault indicator on the instrument cluster will light up, and a text message will appear on the centre display to inform the user of the current system fault, with the relevant fatigue detection functions disabled. 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 soft, clean cotton cloth, and be careful to avoid scratching the lens.

NOTE

- The camera will not record or share images, audio, or video.

ADVANCED DRIVER DISTRACTION WARNING SYSTEM (ADDW)

SYSTEM INTRODUCTION

The Advanced Driver Distraction Warning (ADDW) system, during normal vehicle travelling, monitors the driver's attention state in real time mainly through the detection of the Driver Monitoring System (DMS) camera and the auxiliary detection of some vehicle signals, so as to realise the driver distraction warning function. The driver's distracted behaviour includes eye gaze movement, head posture movement and other behaviour, and the system can realise warning prompt and fault prompt functions.

TURNING ON OR OFF THE ADVANCED DRIVER DISTRACTION WARNING SYSTEM

On the "Settings - ADAS - Active Safety" interface of the centre display, tap the "Distraction Warning System" button to turn on/off the Advanced Driver Distraction Warning function.

TRIGGERING THE ADVANCED DRIVER DISTRACTION WARNING SYSTEM

With the Advanced Driver Distraction Warning system turned on, when the gear is in "D" and the vehicle is travelling at a speed above 10 km/h (6 mile/h), if the system detects that the driver's attention is distracted, the vehicle will prompt with a pop-up window on the centre display and an icon on the instrument cluster, and warn the driver to drive safely through an alarm sound.

WARNING

- The advanced driver distraction warning system is only an auxiliary system that cannot ensure effective recognition and issue an alert in all circumstances, and cannot replace the driver's subjective judgment. Do not rely on the system's alerts, the driver must always maintain control of the vehicle and drive normally, comply with road regulations, and take full responsibility for the vehicle.
- Focused driving is very important, and drivers should promptly adjust their driving behavior when a distraction warning appears.
- The ADDW system does not actively intervene in driving operations; the driver remains solely responsible for operating the vehicle safely and prudently.
- The advanced driver distraction warning (ADDW) system is an advanced driver assistance systems and cannot work properly under all conditions. You always have the responsibility to drive the vehicle safely and carefully, and to comply with current laws and traffic regulations.
- Do not drive while distracted. It is the driver's responsibility to maintain a focused and alert driving status at all times.

ATTENTION

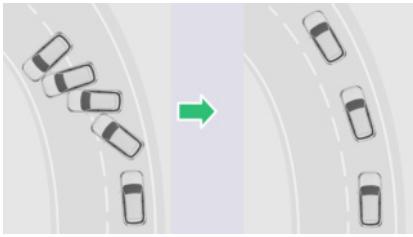
- If the system experiences a recoverable short-term fault (e.g., the camera is obscured), the distraction warning fault indicator on the instrument cluster will light up, and a text message will appear on the centre display to inform the user of the current system fault, with the relevant distraction detection functions disabled. After the fault is repaired, the ADDW system resumes real-time operation.
- If the system experiences an unrecoverable long-term fault or an unrecoverable fault (e.g., camera open circuit), the distraction warning fault indicator on the instrument cluster will light up, and a text message will appear on the centre display to inform the user of the current system fault, with the relevant fatigue detection functions disabled. Long-term faults (or non-recoverable faults) are manually repaired, after which the ADDW system resumes real-time operation.

SERVICE ELECTRONIC BRAKE SYSTEM

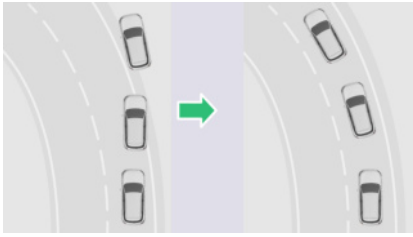
ELECTRONIC STABILITY CONTROL (ESC)

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 "ESC system" button to turn on or off the ESC system.

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 BRAKE SYSTEM (ABS)

When the vehicle brakes, the wheel speed sensors transmit the wheel speed signals of each wheel to the Anti-lock Braking System (ABS) in real time. The ABS control unit processes the input signals from the four wheel speed sensors according to the set control logic to calculate the wheel slip ratio. By controlling the operation of the solenoid valves, the slip ratio of each wheel is maintained within the ideal range (around 20%), preventing the wheels from locking up.

WARNING

- The anti-lock brake system (ABS) is only an auxiliary system; do not take risks by relying on the additional safety features provided by the system. Drivers must adjust their speed according to the weather, road, and traffic conditions, and are fully responsible for the safety of their vehicle.
- When you press the brake pedal and hear a harsh friction noise while driving the vehicle, please find a safe area to park as soon as possible and contact an authorized dealer to avoid incidents or injuries caused by brake failure.
- The driver should always keep a safe distance from the vehicle ahead and be aware of dangerous situations when driving. The Anti-lock Braking System (ABS) cannot prevent dangers caused by tyre slipping (such as when a layer of water between the road surface and the tyre prevents the tyre from directly contacting the road surface).
- ABS cannot reduce the time and distance required to stop the vehicle. This device only helps control steering when braking is applied. Always maintain a safe distance from other vehicles.
- ABS cannot prevent the reduction of vehicle stability. During emergency braking, the steering shall be moderate. Big or sharp turns during driving may cause the vehicle to turn to oncoming traffic or rush off the road.
- ABS cannot prevent the vehicle from slipping caused by sudden changes in direction, such as attempting to make turns quickly or change lanes suddenly. Regardless of road surface conditions and weather, you should always cautiously drive the vehicle at a safe speed.

ATTENTION

- Improper operation or modification of the vehicle (such as modifications to the brake system or wheel and tire performance) will affect the function of the anti-lock brake system (ABS).
- Tires must be the size specified by the manufacturer; if the tire size is incorrect, or if the sizes of all tires are inconsistent, the anti-lock brake system (ABS) will not work effectively.
- When the vehicle is energised, the system performs a self-test. If the system operates abnormally, the Anti-lock Braking System fault indicator in the instrument cluster will stay lit. It is recommended to go to a Leapmotor auto service centre or an

authorised service store for inspection and repair as soon as possible.

ELECTRONIC BRAKEFORCE DISTRIBUTION SYSTEM (EBD)

Electronic Brakeforce Distribution (EBD) is part of the Anti-lock Braking System (ABS). During normal braking, EBD balances the braking force distribution between the front and rear wheels based on the vehicle's load, avoiding the rear axle locking up before the front axle and preventing conditions where it fails to stabilise the vehicle due to rear axle lock-up.

After the vehicle is powered on and the Electric Parking Brake (EPB) is released, if the brake fault indicator lights up, it indicates a fault in the braking system, and Electronic Brakeforce Distribution (EBD) may not work. Please stop the vehicle immediately and contact the authorised dealer for check and repair.

WARNING

- Do not continue driving the vehicle while the brake fault indicator is lit.
- Electronic Brakeforce Distribution (EBD) is only an auxiliary system. Do not take risks while travelling by the utilisation of the additional safety features provided by the system. Drivers must adjust their speed according to the weather, road, and traffic conditions, and are fully responsible for the safety of their vehicle.

TRACTION CONTROL SYSTEM (TCS)

The Traction Control System (TCS) is an anti-slip control system that determines whether the drive wheels are slipping based on the revolutions of the drive wheels and the driven wheels. When the former is greater than the latter, it then suppresses the rotational speed of the drive wheels.

When the vehicle brakes on smooth surfaces, the wheels will slip and even lose directional control. The drive wheels may also slip when the vehicle starts or accelerates sharply, and there is also a danger of losing directional control on smooth surfaces such as ice and snow. The Traction Control System functions to control the driving force when the vehicle accelerates, so as to keep the tyre slip within a reasonable range, thereby helping to stabilise the vehicle while travelling.

WARNING

- The traction control system (TCS) is only an auxiliary system; do not take risks by relying on the additional safety features provided by the system. Drivers must adjust their speed according to the weather, road, and traffic conditions, and are fully responsible for the safety of their vehicle.

HYDRAULIC BRAKE ASSIST (HBA)

When the vehicle brakes, Hydraulic Brake Assist (HBA) determines whether it is emergency braking based on the speed and force with which the driver steps on the brake pedal. If the system determines it is emergency braking, it will assist the driver in generating greater braking force for a short period of time, thereby shortening the braking distance.

WARNING

- Hydraulic Brake Assist (HBA) can improve driving safety, but it cannot eliminate the dangers caused by tailgating, vehicle slipping, speeding, cornering too fast, etc. Please drive carefully.

HILL-START HOLD CONTROL (HHC)

Hill Hold Control assists the driver in starting the vehicle on an uphill slope and prevents it from rolling backward during the start.

The Hill Launch Assist system will be activated when the following conditions are met:

- The vehicle is parked to stabilise on a road surface with a gradient of more than 4% and less than 30% and comes to a complete stop.
- Electronic Stability Control (ESC) no fault.
- The Electric Parking Brake (EPB) system is fault-free and in the released state.
- The vehicle is in a forward gear (uphill) or reverse gear (downhill).
- Apply sufficient force on the brake pedal.

If the driver releases the brake pedal on an uphill road, Hill Hold Control 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 exits. If the vehicle rolls backward, the driver should immediately step on the brake pedal.

WARNING

- Hill Hold Control cannot keep the vehicle stationary on an uphill slope under all conditions (such as slippery roads, snow and ice, or high altitudes), nor can it replace the driver's attention to driving.
- Hill Hold Control is only an auxiliary system. Do not take risks while travelling by the utilisation of the additional safety features provided by the system. Drivers must adjust their speed according to the weather, road, and traffic conditions, and are fully responsible for the safety of their vehicle.
- It is strictly prohibited for the driver to leave the vehicle when Hill Hold Control is operating, otherwise serious safety accidents may occur.
- Do not misuse Hill Hold Control as a parking brake; this system is only intended to be used as a starting assist during driving.
- When stopping and going on uphill sections in traffic congestion, to prevent the vehicle from rolling backward when starting, please press the brake pedal firmly for a few seconds before starting.
- Hill Hold Control can only prevent the vehicle from rolling backward for a short time. The driver should drive carefully and avoid the vehicle rolling backward due to a prolonged time.

HILL DESCENT CONTROL (HDC)

SYSTEM INTRODUCTION

Hill Descent Control (HDC) is a speed control function. When the vehicle descends a steep slope, Hill Descent Control (HDC) automatically applies braking to the wheels based on system inputs (HDC switch, speed setting, accelerator/brake pedal status, motor torque/speed, gear, etc.) to ensure that the driver can comfortably and safely pass through steep slopes at low speeds without stepping on the brake pedal.

TURNING ON/OFF HILL DESCENT CONTROL

In the "Settings - Driving" interface on the center display, tap the "Hill Descent Control (HDC)" button to turn on or off the HDC function.

FUNCTIONAL LIMITATIONS

The conditions for the Hill Descent Control (HDC) function to automatically exit are as follows:

- Anti-lock Braking System (ABS)/Vehicle Stabilise System (ESC) fault.
- The brake disk is overheated.
- The driver steps on the accelerator pedal, and the vehicle speed exceeds the limit set for 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 Hill Descent Control (HDC) is operating, the driver can adjust the vehicle's downhill travelling speed by stepping on the brake pedal or accelerator pedal, setting the vehicle speed within the range of 8 to 35 km/h (5 to 22 mile/h). If the speed exceeds this range, Hill Descent Control (HDC) automatically exits.

ACTIVE ROLLOVER PROTECTION (ARP)

The Active Rollover Protection (ARP) senses the driver's steering operations and, combined with the vehicle's travelling state, intervenes in the wheel braking force and powertrain driving torque at the appropriate time to reduce the risk of vehicle rollover during lane changes and steering operations.

WARNING

- The Active Rollover Protection (ARP) is only an auxiliary system. Do not take risks while travelling by the utilisation of the additional safety features provided by the system. Drivers must adjust their speed according to the weather, road, and traffic conditions, and are fully responsible for the safety of their vehicle.

POST-COLLISION ACTIVE BRAKING SYSTEM (MCB)

After a vehicle collision, the active braking system automatically controls the reduction of vehicle speed, thereby reducing the risk of a potential secondary collision.

WARNING

- The post-collision active braking system will reduce the vehicle speed after a collision to lower the risk of a secondary collision, but it cannot completely avoid a secondary collision. To avoid the danger of a subsequent collision, you can operate the accelerator pedal to drive away from the collision site.

SLIPPERY MODE

When travelling on slippery roads such as ice, snow, and wet epoxy floors, you can turn on the slippery mode by touching the "Slippery Mode" button on the "Settings - Driving" interface of the central control screen. After the function is turned on, the vehicle will limit the torque output of the drive motor to reduce the tendency of the vehicle to slip while driving.

NOTE

- Slippery mode can only be turned on when the vehicle body stabilise system (ESC) is turned on. If the vehicle body stabilise system (ESC) is turned off while the slippery mode is on, the slippery mode will be turned off accordingly.
- The slippery mode is turned off by default in the new power-on cycle.
- Slippery mode is only suitable for slippery roads such as ice, snow, and wet epoxy floors. After the function is turned on, power output will be limited. When travelling on roads other than the above, the function should be turned off in time to avoid affecting the vehicle's acceleration and climbing performance.
- When the driving assistance function is activated, the slippery mode will exit.
- When the slippery mode is on and the vehicle power mode is "Sport", the torque output of the drive motor is restricted preferentially according to the slippery mode request.

COMFORTABLE BRAKING

SYSTEM INTRODUCTION

When the vehicle needs to be stopped, the driver depresses the brake pedal. When the vehicle is about to stop, the hydraulic pressure will be actively reduced to weaken the angle and frequency of the vehicle's pitch, thereby improving the driving and riding experience.

TURN ON OR OFF THE COMFORT STOP FUNCTION

On the 'Settings - Driving' interface of the central control screen, tap the 'Comfort Stop' button to turn on or off the Comfort Stop function.

COMFORT STOP ACTIVATION CONDITIONS

The Comfort Stop function can be activated when the following conditions are met:

- The Comfort Stop function has been turned on in the central control screen.
- The vehicle power is in the "READY" state.
- The braking and steering systems are fault-free.
- Vehicle speed ≤ 8 km/h (5 mile/h).
- Press the brake pedal.
- The vehicle is not in a state of emergency braking.
- The gear position is in D gear.
- Gradient ≤ 10%.
- Adaptive Cruise Control (ACC), Autonomous Emergency Braking (AEB) and other functions are not activated.

AUTO HOLD

SYSTEM INTRODUCTION

When the vehicle needs to stop frequently or for a short time (such as waiting at traffic lights, stopping on a ramp, or stopping and going with the traffic flow), it can assist the driver to stabilise the vehicle and prevent it from moving, without the driver having to keep pressing the brake pedal. When the driver depresses the accelerator pedal and starts driving, the autohold function immediately releases the brake, and the vehicle then begins to move according to the road inclination.

TURNING ON OR OFF AUTO HOLD FUNCTION

Tap the Autohold button on the "Settings - Driving" interface of the centre display or the "Quick Operations" interface in the drop-down menu to turn on or off the Auto Hold function.

AUTO HOLD ACTIVATION CONDITIONS

The Auto Hold function can be activated when the following conditions are met:

- The Auto Hold function is turned on in the centre display.
- The vehicle power is in the "READY" state.
- All doors are closed.
- The driver shall fasten the seat belt.
- Press the brake pedal.

USE OF AUTO HOLD FUNCTION

After turning on the Auto Hold function, press the brake pedal to stop the vehicle, and then press the brake pedal firmly. When the indicator illuminates, it means the Auto Hold function is in working state. At this time, release the brake pedal, and the vehicle will remain stationary. The vehicle will resume travelling state after pressing the accelerator pedal.

WARNING

- Autohold cannot completely replace driver parking and requires the driver to keep an eye on the vehicle parking status at all times.
- It is strictly prohibited to activate autohold while the vehicle is being towed or driven into the automatic car wash.
- If the Auto Hold function fails (the Auto Hold fault indicator on the instrument cluster illuminates), please stop safely in a timely manner. It is recommended to contact a Leapmotor service centre or authorised service centre for maintenance.

AUTOMATIC EMERGENCY BRAKING (AEB)

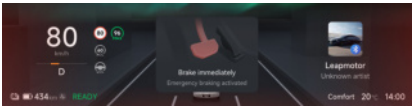
SYSTEM INTRODUCTION

Autonomous Emergency Braking, abbreviated as "AEB", monitors the distance and relative speed of the target ahead. When the driver brakes too late, the braking force is too small, or there is completely no braking measure, the system will take measures to assist the driver in avoiding or mitigating the collision.

TURNING ON/OFF AUTONOMOUS EMERGENCY BRAKING

In the "Settings - Smart Driving - Active Safety" interface on the center display, tap the "Autonomous Emergency Braking" button to turn on or off the AEB system.

TRIGGERING AUTONOMOUS EMERGENCY BRAKING



During driving, when the automatic emergency braking function is active, braking measures will be taken and the driver will be alerted through the instrument cluster.

When the Autonomous Emergency Braking function is applied to a target vehicle, it actively decelerates within the vehicle speed range of 5 to 150 km/h (3 to 93 mile/h) and actively brakes to a stop within the vehicle speed range of 5 to 60 km/h (3 to 37 mile/h).

When the Autonomous Emergency Braking function is applied to pedestrians, bicycles, and

motorcycles, it actively decelerates within the vehicle speed range of 5 to 90 km/h (3 to 56 mile/h) and actively brakes to a stop within the vehicle speed range of 5 to 60 km/h (3 to 37 mile/h).

FUNCTIONAL LIMITATIONS

The autonomous emergency braking (AEB) is only designed to mitigate frontal collisions and does not operate when the vehicle is in reverse gear. Use the function 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 rainy days or blizzards.
- Stationary obstacles ahead (such as a broken-down vehicle).
- No response to animals, crossing vehicles, and targets with unclear contours. Such as child dummies, traffic cones, kittens, puppies, and irregularly shaped obstacles (e.g., cranes).
- Targets with smaller profiles such as motorcycles and bicycles may not be triggered in time or not triggered at all.
- A vehicle is approaching in the opposite direction in the same lane.
- Situations such as large bends or intersections where vehicles cross paths.
- Dark environments (poor lighting conditions) or poor visibility (caused by heavy rain, heavy snow, dense fog, etc.).
- When strong light (such as oncoming headlights or direct sunlight) obstructs the camera's field of view.
- The windscreen obstructs the camera's field of vision (e.g., due to condensation, dust accumulation, or sticker obstruction).
- While driving, if a vehicle in the adjacent lane suddenly cuts in front of the vehicle quickly, or if the vehicle suddenly cuts into the adjacent lane, the system may not be able to apply the brakes in time.
- When your vehicle is traveling above a certain speed, automatic emergency braking (AEB) cannot completely avoid a collision when a pedestrian is detected.
- Automatic emergency braking (AEB) does not work on vehicles traveling against traffic.
- The system cannot work properly if the front camera is obscured by dirt or the radar system is damaged by a collision. For radar or camera limitations, refer to the "Driving Assist System - Radar and Camera" section.
- The system cannot issue an alarm or apply brakes for stationary obstacles on the road (traffic cones, guardrails, water-filled barriers, traffic diversion signs).
- The function may be falsely triggered when the vehicle passes through scenarios such as gantries, railway tracks, height restriction bars, rural roads, and narrow roads.
- 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 Automatic Emergency Braking (AEB) stops the vehicle, the vehicle will remain stationary for a short time, and the driver should always maintain control of the vehicle.
- When the vehicle issues a visual or audible warning, the driver is responsible for taking immediate actions to prevent danger to the vehicle.
- When the AEB is turned off, the vehicle will not apply the brakes even if it detects a possible collision. It is recommended that you do not disable this function.
- The braking distance will be extended on slippery roads. If the anti-lock braking system, traction control system, or the system to stabilise the vehicle is triggered, it may cause a reduction in the automatic emergency braking system's ability to mitigate collisions.
- Automatic emergency braking cannot be used to maintain a safe driving distance from vehicles, cyclists and pedestrians ahead.

Please avoid being too close to the front vehicle, cyclists or pedestrians or driving aggressively.
- Automatic emergency braking is only used to mitigate the impact of a frontal collision. When the vehicle is in the reverse gear, AEB does not work.
- AEB may warn or apply the brakes when there is no risk of a collision. Stay focused and always keep an eye on the area in front of the vehicle to anticipate if any action needs to be taken.
- If the automatic emergency braking system fails, the automatic emergency braking fault indicator on the instrument cluster will light up. Please stop the vehicle safely in time and contact a Leapmotor service centre or an authorised service centre for inspection and repair.

ELECTRIC POWER STEERING (EPS)

The electric power steering system is referred to as "EPS". The system assists the driver to complete the vehicle steering operation through the steering motor. It can provide the driver with different Steering assistancet type under different vehicle speeds or different acceleration modes.

WARNING

- After the vehicle is powered on or when travelling, if the EPS fault indicator / lights up, it means there is a fault in the steering system. Please stop the vehicle safely immediately. It is recommended to contact a Leapmotor service centre or an authorised service centre.

PARKING ASSIST SYSTEM

PANORAMIC IMAGE*

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.

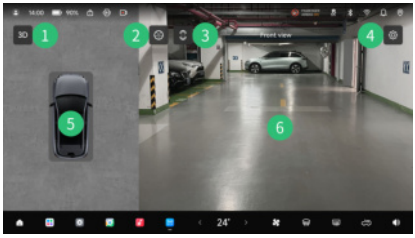
ENTER THE PANORAMIC IMAGE INTERFACE

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. 2D/3D switch button

- Touch to switch to 2D or 3D view.

2. Wheel hub view toggle button
   - Touch to switch to the hub view.

3. Wide-angle view switching button
   - Touch to switch to wide-angle view.

4. Setting button
   - Touch to turn on or off the transparent chassis, dynamic trajectory line and radar alarm sound functions.

5. Panoramic image splicing display/radar display area
   - This area displays the panoramic top view, vehicle trajectory line, radar auxiliary line, and obstacle distance prompt information. Touch the corresponding area to switch the main view screen display.

6. Front view display area
   - Show the main screen from different perspectives.

FUNCTIONAL LIMITATIONS

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 panoramic imaging system when the exterior rearview mirrors are not fully unfolded, and ensure that all doors are closed in place when operating the vehicle using the panoramic imaging system.
- The distance of objects displayed on the panoramic image interface may be different from the subjective feeling. Especially when the object is closer to the vehicle, the driver needs to judge the distance between the vehicle and the object based on multiple ways.

REVERSING CAMERA*

SYSTEM INTRODUCTION

The reversing image system can display real-time rear-view images on the central control screen through a rear-view camera installed next to the license plate light, allowing the driver to fully grasp various complex road conditions behind the vehicle and improve reversing safety.

WORKING CONDITIONS OF REVERSING CAMERA

After the vehicle is started, when the gearshift lever is shifted to "R", the reversing camera system will automatically enter the working mode. When the gearshift lever is disengaged from "R", the reversing image screen will be turned off.

INTRODUCTION TO REVERSING IMAGE INTERFACE



1. Wide-angle view switching button
   - Touch to switch to wide-angle view.
2. Radar alarm sound button
   - Touch to turn on or off the radar alarm sound.
3. Radar display area
   - This area displays the obstacle distance prompt information detected by radar.
4. Rear view display area
   - Display the image behind the vehicle.

FUNCTIONAL LIMITATIONS

The camera perception performance is limited, which will affect the normal use of the reversing 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 rear bumper is deformed or damaged, causing the camera position to change.
- The vehicle bumps or shakes due to uneven roads or other reasons.

⚠ WARNING

- The trajectory line of the reversing 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 reversing image system.
- The reversing camera function can assist the driver, but it cannot replace the driver in driving. Even if the reversing camera is activated, the driver must drive carefully and obey traffic rules.

⚠ ATTENTION

- The object displayed on the reversing image may be deformed to a certain extent from the actual object.
- The distance of objects displayed on the reversing image interface may be different from the subjective feeling. Especially when the object is closer to the vehicle, the driver needs to judge the distance between the vehicle and the object according to various ways.

VEHICLE TRAVELLING DATA RECORDER*

SYSTEM INTRODUCTION

During driving, the system records video image data through a camera, displays it on the central control screen and stores it for subsequent viewing and access.

DASH CAM INTERFACE

Touch the dashcam icon on the top bar of the central control screen to enter the dashcam interface, where you can touch and view the following:

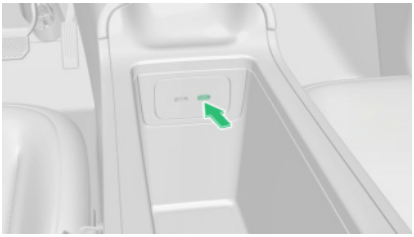
- Real vehicle screen: Touch the record button to start video recording.
- Loop video: After the USB flash drive is inserted, the system automatically starts loop video recording and loop overwriting when the vehicle is powered on.
- Emergency video: After the emergency video is triggered, a total of 60s of video will be recorded 30s before and 30s after the trigger time point.

- 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 front central armrest storage box. 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. The selected supported file format is FAT32, and it has been formatted as FAT32.
2. Select a more well-known brand with a storage capacity 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 and cause 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.

INSPECTION OF A/C FILTER ELEMENT

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 right 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.

CAB INTERIOR INSPECTION

CHECK 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 SEAT BELT

Check whether the seat belt retractor and seat belt buckle work properly and smoothly, and whether they are securely installed. Check whether the seat belt is cracked, scuffed, worn, or damaged.

CHECK ALL TYPES OF MIRRORS

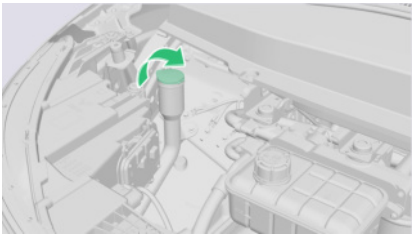
Check if the screen surfaces of the instrument cluster and Infotainment Screen are normal, and if they are cracked, scratched, or damaged.

CHECK REMAINING BATTERY LEVEL

Check the SOC displayed on the instrument cluster. If the SOC is low, charge promptly

FLUID AND TYRE INSPECTION

CHECK THE WINDSCREEN WASHER FLUID



Check whether there is sufficient washing liquid in the windscreen washer reservoir. If not, please replenish it in time. 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).

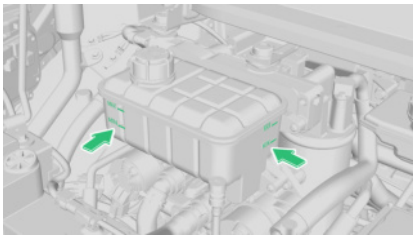
WARNING

- 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 THE COOLANT



When the vehicle is cold, check the coolant level to ensure that it is between the MIN (minimum) and MAX (maximum) marks.

WARNING

- Do not open the coolant expansion pot cover when the vehicle is hot, otherwise it may cause personal injury such as burns.
- 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.

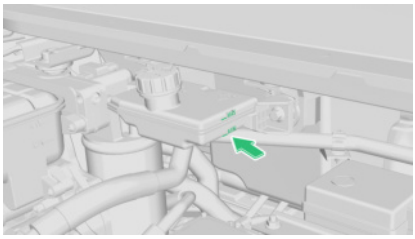
ATTENTION

- 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 to ensure that it is between MIN (minimum) and MAX (maximum) 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. If accidentally ingested, 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.
- Brake fluid is water-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 the 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.
- Inspect the tyre tread for cuts, bulges, cracks, excessive wear or other damage.

WARNING

- When the vehicle is driving, if abnormal vibration or deviation is found, it should be stopped immediately and safely to check whether the tyres are damaged.
- The tyre pressure of the vehicle needs to be checked before long-distance driving. Abnormal tyre pressure may cause a tyre blowout and traffic accidents.

CHECK AFTER STARTING THE VEHICLE

CHECK THE OPERATION OF THE INSTRUMENT CLUSTER

Inspect whether the instrument cluster lights and display are normal.

CHECK THE HORN.

Check if the horn and buzzer are functioning normally.

CHECK LIGHTS

Check whether the front combination lamps, brake lamps, turn signal lamps, and other lighting equipment can be used normally and are fixed reliably, and check whether the illumination height of the headlamps is normal.

CHECK THE WIPER AND WASHER

Check if the wiper is working properly and make sure that the wiper blade does not leave scratches after wiping; otherwise, replace the wiper blade promptly.

Check whether the washer works normally and whether the washer fluid is sprayed normally.

CHECK THE STEERING WHEEL

Check whether the multifunction buttons on the steering wheel are normal and whether the surface of the steering wheel is damaged.

VEHICLE TRIAL OPERATION INSPECTION

CHECK THE BRAKE SYSTEM.

Check the free stroke of the brake pedal to ensure that when the brake pedal is fully depressed, there is proper clearance underneath, and make sure that the floor mat does not impede the operation of the brake pedal.

Check whether the brake system is working properly and whether there is any abnormal noise from the brake disc and brake pad when braking.

Check the parking brake for proper function.

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

To ensure good performance of the vehicle, it is necessary to maintain the vehicle during use:

- Maintenance is divided into regular maintenance and routine maintenance. For scheduled maintenance, please contact the authorised dealer. Routine maintenance is performed by the driver.
- When performing any maintenance or inspection operation, always follow safe operating procedures. Incorrect operation may cause faults or damage to the vehicle functions, or even an incident.

Timely regular maintenance of the vehicle is an essential part of its use. For the mileage or time intervals for regular maintenance and maintenance items, please refer to the provisions in the section on maintenance contents and maintenance schedule. You can also go to a Leapmotor service centre or an authorised service centre for regular maintenance in time according to the maintenance mileage reminder in the central control screen, and perform initialisation on the maintenance mileage reminder.

Routine maintenance check should be performed before each drive. 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 on the vehicle timely will reduce the vehicle performance, cause vehicle damage, and forfeit the right to make a warranty claim.

PREVENTING CORROSION

VEHICLE PARKING

Park the vehicle in a well-ventilated environment as much as possible. Do not park the vehicle for long periods of time in damp, cold, hot, or airtight locations.

PAINT DAMAGE

For small areas of paint damage, such as scratches, scuffs, or bumps, it is recommended to immediately contact a Leapmotor service centre or an authorised service centre for repair to avoid metal corrosion.

MUDGUARDS

When travelling on saline-alkali or gravel roads, the mudguards can effectively protect your vehicle and the travelling safety of the vehicles behind. The larger the size of the mudguard and the closer it is to the road, the better the protection for the vehicle behind. To install mudguards, please contact the authorised dealer.

NOTES ON ROUTINE MAINTENANCE ITEMS

When drivers perform routine vehicle maintenance, please pay attention to safety and follow safe operating procedures to avoid injury to yourself or damage to the vehicle. If you have any questions about the maintenance and repair of your vehicle, please contact the authorised dealer.

WARNING

- When performing routine vehicle maintenance, park the vehicle in a safe area, on a level surface, and apply the electronic parking brake (EPB). Do not perform vehicle routine maintenance in areas with heavy vehicle traffic, heavy foot traffic, flammable, explosive, or other unsafe areas, or on ramps.
- When performing routine vehicle maintenance, you should take off loose clothing, tie up long hair, remove jewelry such as bracelets and watches, wear gloves, and take appropriate protective measures.
- During routine inspection or periodic maintenance, promptly remove foreign objects from the front engine compartment, and do not leave flammable items or tools such as gloves or rags in the front engine compartment.
- When the vehicle is powered on, do not disconnect or connect the battery cables and other electrical component connectors.
- It is strictly prohibited to bring items with sparks or flames close to the battery.

- Avoid direct skin contact with used waste oil.

BODY CLEANING

Be sure normal methods are used to wash the vehicle.

The following conditions will cause peeling of the paint layer or corrosion of the body and parts, and the vehicle must be washed immediately:

- After travelling in coastal areas for a period of time.
- After travelling for a period of time on roads with coal tar, resin, bird droppings, or dead insects.
- After travelling for a period of time in areas containing a large amount of smoke, soot, dust, iron filings, or chemicals.
- The vehicle is visibly dirty with dust and mud.

MANUAL VEHICLE WASHING

Wait for the vehicle to cool down sufficiently in the shade before washing it.

1. Hose off all loose dirt, and all mud or road salt from the bottom of the vehicle and the wheel arches.
2. Soak a sponge with a special car wash detergent and gently wipe to remove dirt.
3. Clean the tires with a special sponge and brush for cleaning tires.
4. Rinse the vehicle thoroughly.
5. To prevent water spots on the body, use a special absorbent towel to dry the body. Do not wipe or press hard, otherwise the paint surface may be damaged.

⚠ WARNING

- When washing the chassis, be careful to avoid cutting your fingers.
- Do not wash the vehicle while it is charging.
- Do not flush high-voltage devices on the underside of the vehicle to avoid electric shock incident or vehicle damage.

⚠ ATTENTION

- Please use specialized cleaners and conditioners when washing and waxing your car, pay attention to the shelf life before use, and be sure to store them out of reach of children after use.
- Do not wash the vehicle in direct sunlight, as there is a risk of damaging the paint.
- When washing the vehicle in winter, if hosing off the vehicle, please be careful not to direct the water jet at the exterior door handles, charging port, and door seams, otherwise there is a risk of freezing in these areas.
- Do not use rough sponges or corrosive cleaners to clean the vehicle to avoid damage to the paintwork.
- The washing water temperature must not exceed 60°C.
- The charging port cover plate should remain closed during the car wash to avoid damage to the vehicle.
- Too high water pressure during a high-pressure car wash can damage the paint.
- Do not spray water into the front compartment to avoid short circuits of electrical components.
- Do not use highly alkaline washing powder, soapy water, dewaxing detergent, or organic substances (gasoline, kerosene, volatilisation oil, or strong solvents).
- Do not dry wipe the vehicle lamps or use abrasive cleaners to clean the vehicle lamps to avoid scratching them.
- Do not wax the surface of the vehicle lamps to avoid damage to the vehicle 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 wash the body with cleaners containing abrasives.
- Bright metal parts should be regularly waxed for protection.

AUTOMATIC WASHING

When washing the vehicle at an automatic car wash, please note that certain types of brushes, unfiltered rinse water, or machine-defined wash programmes may scratch the paint surface. The scratches reduce the durability and glossiness of the top coat, especially for dark-colored vehicles.

It is best to consult the car wash staff before washing to select the safest wash programme for your vehicle's paint surface.

ECO

- The vehicle should be washed at a professional car wash to prevent sewage containing oil from being discharged directly into the sewer, thereby avoiding environmental pollution.

WAX THE VEHICLE

To keep the vehicle's polish looking new, we recommend polishing and waxing the vehicle body once a month or when the body surface does not repel water well.

- Before waxing, please make sure to wash and dry the vehicle body, even if using a combination of cleaner and car wax.
- Use high-quality polishing agent and wax. If the body's polish has weathered severely, use a vehicle cleaning polish that is separate from the car wax. Carefully follow the manufacturer's instructions and precautions. Be sure to polish and wax the chrome-plated surface as well as the top coat.
- When the body surface comes into contact with a large amount of water, and the water does not bead up but stays on the surface, the vehicle should be rewaxed.

ATTENTION

- When waxing and conditioning, avoid the vehicle radar probes.

TOP COAT MAINTENANCE

Pay attention to the following points in vehicle paint maintenance:

- Rinse the vehicle as soon as possible after it rains. After rain, the rain stains on the vehicle body will gradually shrink, which will gradually increase the concentration of acidic substances in the rain. If the rain stains are not washed with clean water as soon as possible, the paint surface will be damaged over time.
- When washing the vehicle, special cleaners and neutral running water should be used. Do not use highly alkaline washing powder, soapy water, or dishwashing liquid, to prevent washing away the grease in the paint surface and accelerating the aging of the paint. If washing the vehicle at a car wash, remind the car wash staff not to use dewaxing cleaners to avoid damaging the paint surface. Especially the vehicles running in coastal or heavily polluted areas should be flushed once per day.
- Wipe the vehicle with a clean, soft cloth or sponge to prevent metal shavings and sand from mixing in. Do not wipe the vehicle with a dry cloth, dry towel, or dry sponge to avoid leaving scratches. Wipe the vehicle along with the water flow direction and from top to bottom. Do not wipe the vehicle in a circular or transverse way.
- Some special and highly corrosive traces (such as asphalt, bird droppings, insects, etc.) should be removed in time. For this, special detergent must be used. Do not scrape it with a blade or remove it with gasoline to avoid damaging the top coat.
- Do not touch the paint with greasy hands or scrub it with a greasy cloth. Do not place tools or cloth contaminated with chemicals on the vehicle body to avoid adverse reactions.
- If there is no obvious scratching on the top coat, do not repaint, to prevent the paint color from being inconsistent or blending poorly.
- Prevent strong impacts, bumps, and scratches on the vehicle body paint film. If any scratches, dents, or peeling of the paint surface are found, they should be repaired in time. It is recommended to go to a Leapmotor service centre or an authorised service centre for repair in time.
- Chrome-plated metal parts should be waxed regularly for protection.
- When cleaning the exterior decorative parts of the vehicle body, use high-quality detergent. When waxing, do not wipe too hard to avoid penetrating the paint surface.
- Wax the paint surface irregularly for protection, and it is recommended to go to a Leapmotor service centre or an authorised service centre regularly (once a quarter) for maintenance to restore the bright gloss of the vehicle body paint surface in time.

CLEANING AND MAINTENANCE OF EXTERNAL PLASTIC PARTS

Usually cleaned with water and a soft cloth or soft brush. If it cannot be cleaned thoroughly, please use a special plastic parts cleaner.

CLEAN GLASS

Clean the window glass, interior and exterior rearview mirrors, camera, and screen with an alcohol-based glass detergent, then dry the surfaces with a clean, soft cloth.

After caring for the body surface, wax remaining on the glass should be removed with a special cleaner and cleaning cloth to avoid scratching the front wiper blade.

If there is snow, use a plastic scraper to remove snow from the windows and rearview mirrors.

If there is ice on the window glass, you can use a de-icing spray to remove the ice build-up, or you can use a de-icing scraper, but you need to be especially careful so as not to damage the parts, and you must also scrape in the same direction when you use it.

ATTENTION

- When using an ice scraper, do not scrape back and forth from different directions.
- Do not use warm or hot water to remove ice or snow from the windshield and rearview mirrors, as this may cause the glass to burst.
- If there are residues of rubber, grease, and silicone substances on the glass, they must be removed with a special window cleaner or silicone cleaner.
- Do not use the wiper directly to clear snow.
- When cleaning the inside of the rear windscreen, be careful to avoid scratching or damaging the heating wires and connectors.

CLEANING THE INTERIOR

Before cleaning the interior of the vehicle, please read the following tips.

WARNING

- Do not allow the Airbag components or wires in the vehicle to get damp, otherwise it may cause the Airbags to fail to deploy or deploy unintentionally, resulting in serious injury or even death.
- Do not use polishing wax or polishing cleaners. Otherwise, the instrument panel may reflect onto the windshield, obstructing the driver's view and causing serious injury or even endangering life.

ATTENTION

- Do not spill cleaning agents or other liquids into the vehicle, otherwise it may cause electrical components to get damp and malfunction. If accidentally spilled, wipe up all spilled liquids immediately.
- If detergents need to be used, read their instructions carefully and follow them closely. 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.
- Certain clothes with colour (such as dark jeans and sheepskin garments) may stain the interior fabrics. If this occurs, be sure to clean and care for the fabric in these areas as soon as possible.
- Do not spray detergent directly onto the components with electrical buttons and control units. It should be wiped with a soft cloth dipped in detergent.
- Sharp objects may damage the fabric finish.
- Do not clean the instrument panel, Airbag covers, or leather products with solvent-based cleaners.
- Do not spill water inside the vehicle to avoid short-circuiting of electrical parts.

CLEANING INTERIOR SUCH AS INSTRUMENT PANEL

When cleaning the interior such as the instrument panel, please refer to the following precautions:

- To clean the instrument panel, a clean, soft cloth should be dampened in warm water and the dust gently wiped away.
- Do not use blades or other sharp objects to remove dirt from interior surfaces.
- Do not use stiff brushes, as they may damage the vehicle's interior surfaces.

- Please do not use excessive force or press hard when wiping. Using too much force will not only fail to remove scale but also damage the interior.
- You should try to use a mild, neutral soap and avoid using strong detergents or degreasing soaps.
- Do not get the interior wet when cleaning.

ECO-LEATHER MAINTENANCE

Daily Maintenance

To maintain the best appearance and extend the service life, the surface can be cleaned regularly. Gently wipe with a flannel brush to restore gloss, then clean with a vacuum cleaner, and gently wipe clean with a dry cloth or a damp white cloth.

Dust Stains

Immediately clean up with a vacuum cleaner, or use a lint roller to remove dust stains.

Light-coloured Liquid Stains

Wipe the stain in a circular motion with a wrung-out damp white cloth for about 2 minutes. Then replace it with a new wiping cloth and repeat the above steps until the stain fades and is removed. After cleaning, gently wipe dry with a soft white cloth or let it dry naturally, and avoid using a hairdryer to speed up drying.

Dark Liquid Stains

In case of dark oil stains, soup, cola, coffee, mud, etc., first use a wrung-out damp white cloth to wipe the stain for 2 minutes; then soak the wiping cloth with detergent or soapy water, and lightly wipe the stain for 2 minutes; if the stain is difficult to remove, soak the wiping cloth with an ethanol solution (50% to 75% concentration) and quickly and lightly wipe; finally, wipe with a dry cloth for 1 minute.

After repeating the above steps 3 times, if it is still not wiped clean, do not attempt to wipe it forcefully and frequently.

Sun Protection

Prolonged exposure to sunlight will discolour and fade the seats. Try to choose a shaded area when parking, or use a sunshade to protect the seats.

Contamination prevention

Avoid eating on the seats to prevent food crumbs and stains from contaminating the seats. If eating in the vehicle is necessary, you can use a cover or plastic bag to protect the seats.

Keep away from heat sources

Do not place an uninsulated cup of boiling water on the leather surface.

Do not use a hairdryer to blow hot air closely at the leather surface.

Avoid Contact with Sharp Objects

Try to avoid letting the seats come into contact with hard or sharp items, such as keys, repair tools, sharp-pointed objects, etc., to prevent scratching.

Avoid Using Chemical Cleaners

Weakly alkaline cleaning fluids should be used, and avoid using chemical cleaners or solvents to prevent damaging the leather. If sunscreen, skin care products or oils drip onto the vehicle, wipe them clean immediately.

Keep the interior dry.

If the interior humidity is too high on a rainy day, turn on the air conditioning to dehumidify or ventilate and dry it. Do not place wet cloths on the leather surface.

CLEANING SWITCHES

When cleaning the switches, use a small soft brush to dust off the buttons and switches.

CLEANING OF SEAT BELT

To clean the seat belt, use a sponge or soft cloth dampened with neutral soapy water or warm water. Please regularly check the seat belts for excessive wear or scratches.

⚠ ATTENTION

- You must wait until the seat belt is completely dry before retracting it, otherwise it will damage the seat belt retractor.

- Do not use bleach, dye, or cleaning solvents, as they will reduce the durability of the seat belts.

CLEAN CARPET

Please clean the carpet as follows:
- A high-quality foam-type cleaner should be used to clean carpets.
- First, vacuum up as much dust as possible, then wash the carpet with a sponge or brush dipped in foam in a circular motion.
- Do not use clean water, as it may soak in and cause corrosion of the body, please keep the carpet dry.

SEALING STRIP MAINTENANCE

The vehicle's weatherstrips provide sealing due to their rubber properties. Regularly maintain the weatherstrips on the vehicle with a rubber care agent to keep them 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.

TYRE PRESSURE

Maintaining proper tyre pressure can improve vehicle maneuverability and driving comfort, and is conducive to extending the tread life of tyres.

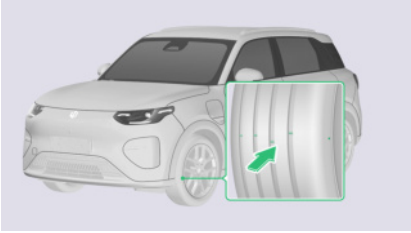
⚠ ATTENTION

- Using tyres with insufficient tyre pressure will cause uneven tyre wear, affect vehicle handling and power consumption, and is more likely to leak due to overheating. In severe cases, the vehicle may lose control.
- Using tyres with too high tyre pressure will reduce the comfort of the vehicle and make it easier to be damaged by uneven roads. In severe cases, there is a risk of tyre blowout, which seriously threatens the safety of the entyre vehicle; at the same time, it will also cause uneven tyre wear and affect the life of the tyre.

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. Tyre replacement is required in the following cases:
- Damage and bulges on the tread or side. If any of these conditions are found, the tyre should be replaced.
- Scratches, cracks or breaks on the side of the tyre. If the tyre cloth or cord can be seen, the tyre should be replaced.
- 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 THE TYRE

The original tyres of this vehicle are selected to maximise the performance of the vehicle, while providing you with the best combination of maneuverability, ride comfort and service life.

It is recommended that you purchase original tyres at the Leapmotor Service Centre or authorised service store.

If radial tyres with different sizes, load range, rated speed and maximum cold tyre pressure (marked on the side of the tyre) are used for replacement,

or radial tyres and bias tyres are mixed, the vehicle's braking ability, driving force (ground adhesion) and steering accuracy will be reduced.

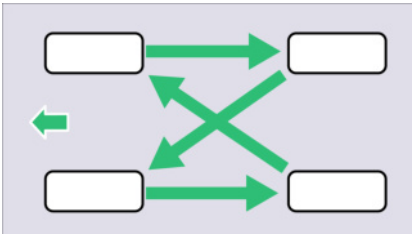
WARNING

- Installing unsuitable tyres will affect the vehicle's operational flexibility and stability, and may cause accidents and casualties.

ATTENTION

- When replacing tyres, please replace them in pairs. Do not mix tyres of different sizes or types.
- Do not use tyres of other sizes than those recommended by Leapmotor.

Tyre rotation



To avoid uneven tyre wear and prolong the service life of the tyres, tyre rotation should be performed every 10,000km (6,214 mile). After tyre rotation, adjust the tyre pressure to the specified range.

Before tyre rotation, check the tyres and wheels for damage. In case of no damage, perform tyre rotation.

NOTE

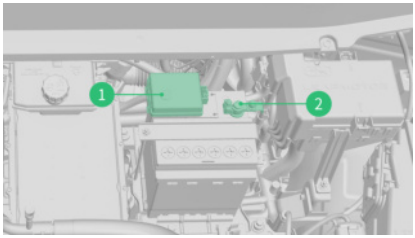
- The vehicle is equipped with a tyre pressure monitoring system, and tyre rotation or replacement should be performed at an authorised dealer.

BRAKE WEAR

This vehicle is fitted with a wear indicator for the brake pad. The wear indicator is a thin metal plate attached to the brake pads. When the brake pads are worn to the limit position, it will make a sharp sound. This sound indicates that the brake pads have reached their service life and need to be replaced. It is recommended that you contact the authorized dealer to replace the brake pads.

BATTERY

PRECAUTIONS FOR BATTERY ASSEMBLY



1. Positive
2. Negative pole

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 proper operation of the vehicle electrical system, we recommend:

- Prevent the battery from overcharging or long-term deep discharge.
- 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 long-time high-current discharge.
- Oxides and sulfuric acid salts from the battery fixing clamps must be scraped off, and petroleum jelly applied to prevent rusting.

WARNING

- If the electrolyte comes into contact with the eyes or skin, immediately flush with plenty of water and seek medical attention.

ATTENTION

- If the battery is severely depleted (e.g. when the vehicle has not been used for a long time), it is recommended to contact a Leapmotor service centre or an authorised service centre. Do not replace the battery yourself.
- When you leave the vehicle, please make sure to turn off the vehicle's electrical equipment, such as lights, multimedia, etc., and place the vehicle in a cool, dry place.
- When the vehicle is driven in cold areas, avoid fully discharging the battery to prevent the electrolyte from freezing.
- Frequently check the battery surface and the positive and negative terminals to ensure that the battery positive and negative terminals are not loose or corroded.
- Check the exterior condition of the battery for cracks, swelling, etc. In case of any of the above defects, please contact the authorized dealer for maintenance.

When charging a battery, the hydrogen produced by the battery is a flammable and explosive gas. Therefore, the following should be noted before charging:

- When using the charger to charge the battery, the battery should be removed to prevent accidents.
- When connecting and disconnecting the charger cables to the battery, make sure the power switch on the charger is turned off.
- When replacing the battery, you must use a battery of the same model and specification. Please contact the authorized dealer for replacement of batteries.

ECO

- The recycling of batteries must be carried out by qualified units to avoid environmental pollution and harm to the operator.

POWER BATTERY

TRACTION BATTERY CHARACTERISTICS

The power battery is the power source of the vehicle and can be repeatedly charged and discharged. The power battery is charged through an external power supply, and the vehicle can also recharge the power battery by means of energy recovery when braking or coasting.

NOTE

- The power battery is located under the body chassis. When the vehicle passes over bumpy surfaces or drives on uneven roads, be careful to prevent collisions.

Due to the electrochemical characteristics of the battery itself and to protect the power battery, there will be some differences in vehicle performance in the following situations, which is normal:

- At high battery levels, the power battery's vehicle energy feedback performance will be weakened; when the battery level decreases, it will be enhanced. During this period, the feedback performance has an enhanced transition phase.
- The power battery will switch to trickle charge mode when it is charged to a high level, so the end charge time will be extended and the estimated remaining charge time displayed will have a deviation.
- When the power battery level is ≤20%, the power performance of the whole vehicle may be weakened.
- At high or low ambient temperatures, the charging and discharging capability of the power battery will decrease and the charging time will be extended; this is normal. During driving in extreme temperatures, the power performance may be weakened.
- Power batteries have a reduced amount of usable battery level at low temperatures, and the usable battery level decreases as the temperature decreases. When charging a vehicle parked in a low-temperature environment at a high battery level, the battery level may quickly reach 100%. Avoid parking the vehicle with a low battery level in a low-temperature environment for too long.

Under normal conditions, the driving range of a vehicle is affected by the following factors:

- Driving habits: e.g., frequent acceleration and deceleration results in a shorter range than constant speed driving, and high-speed driving results in a shorter range than low-speed driving.
- Road conditions: If the road is bumpy or has a long slope, the range will be shorter than on a flat and dry road.
- Temperature: The range will be shorter in low temperature environments than in normal temperature environments.
- The use of electrical equipment, such as the A/C being on during vehicle use, will result in a shorter range than when the A/C is off.

During low-temperature DC charging, the temperature control system can significantly improve the battery's low-temperature charging capability and enhance the vehicle's charging performance.

During low temperature low power AC charging, limited by the charging power, the battery's self-generated heat is small. To enhance the battery level during charging, battery heating will be activated at this time. The heating energy consumption will increase compared with DC charging, and the charging time will also increase. This is a normal performance of charging in a low temperature environment.

It is recommended to charge the vehicle immediately after use. Doing this can ensure the battery temperature remains relatively high, improving the charging performance. The battery may stop the charging process prematurely at low temperatures to avoid battery damage.

When charging at low temperatures with the A/C on, the performance of the battery temperature control system will be affected, which will also affect the charging performance of your car.

OPERATING SUGGESTIONS OF POWER BATTERY

To extend the life of the power battery and enhance your car experience, we recommend:

- The ambient temperature will affect the performance of the power battery. It is recommended to use the vehicle at an ambient temperature of -10 to 40℃ to maintain good power battery performance and extend its service life.
- When the low power battery warning light on the instrument cluster comes on for the first time or the battery level 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 damages to vehicle components resulting from this condition will not be covered under warranty.
- Do not store the vehicle in a high temperature environment (above 40℃) for a long time (more than 15 days), otherwise the service life of the power battery will be reduced.
- When using the vehicle, it is recommended to avoid frequent rapid acceleration and deceleration, and choose a flat and dry road for travelling. If necessary, turn off high-power electrical equipment such as the air conditioning or adjust the air conditioning temperature to reduce the power consumption of high-power electrical equipment and increase the driving range.
- Charging with an AC charger will extend the life of the power battery.
- When using the vehicle for the first time or after a long period of parking, there may be a deviation between the battery level displayed on the instrument cluster and the actual battery level. It is recommended to fully charge the vehicle first.
- To keep the high-voltage battery in the best condition, please fully charge it with charging equipment regularly (it is recommended to fully charge it at least once a week). Every 3 to 6 months, perform a full charge from a low battery level (≤ 5%) (slow charging is recommended as a priority). When the discharge capacity of the traction battery is ≤10%, it is recommended to engage the "P" (Park) gear and use auxiliary systems such as A/C and multimedia systems to discharge the battery to below 5%.
- Under extreme driving conditions (such as sudden and continuous acceleration or deceleration), if the power battery temperature is too high, its discharge capacity will gradually decrease, which is normal. If the battery temperature continues to rise and the high power battery temperature indicator light comes on, it is recommended to contact a Leapmotor service centre or an authorised service centre.
- Battery heating is a slow-heating type of heating. When driving for a short period of time,

the battery temperature control system is not effective, and it also increases power consumption and shortens the driving mileage. When driving for long periods of time, the battery's own heat causes the temperature to continuously rise, and at this time your car's battery heating demand is low. The main function of the battery temperature control system is to ensure low-temperature charging performance to enhance your car experience.

- If the vehicle is parked for an extended period, it can be placed in temperature-appropriate areas such as underground garages or ambient temperature storage to reduce battery life loss and ensure vehicle performance.
- When the vehicle is not in use, it should be promptly locked and powered down.
- When the battery level is below 10%, the parking time should not exceed 3 days.

⚠ WARNING

- To avoid personal injury, do not directly touch the power battery.
- If the power battery is damaged and there is liquid leakage, do not touch the liquid; if it accidentally comes into contact with the skin or eyes, rinse immediately with plenty of water and seek medical attention immediately.
- If the power battery catches fire, please use a large amount of water to cool down and extinguish the fire. Do not use a dry powder fire extinguisher.
- If the power battery is subjected to severe mechanical damage, resulting in the exposure of the internal high-voltage components, there is a risk of violent combustion and electric shock, which may lead to serious injury or death and environmental pollution.
- It is prohibited to touch the positive and negative terminals of the power battery box at the same time at any time.
- Do not spray, step on, hit, or damage this component to prevent 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 without authorisation.
- Do not disassemble, move, or alter the power battery parts and its harness, as this may cause severe burns or electric shock and may result in injury or death. The orange connection cable is the high-voltage harness. Users are not allowed to carry out their own maintenance on the vehicle's high-voltage system. If there is any maintenance need, we recommend you go to an authorized dealer for maintenance.

⚠ ATTENTION

- Vehicles should be placed in dry locations, and parking in damp or wet parking areas should be avoided.
- Vehicles should avoid being placed in a high-temperature environment for a long period of time, so as not to affect the safety and service life of the battery.
- To ensure the safety of the power battery, the vehicle should be parked away from flammable and explosive items, away from fire sources, and various hazardous chemicals.
- The available battery level of the power battery will decrease as the vehicle usage time increases.
- Park should be kept away from heat sources and avoid prolonged exposure to sunlight, otherwise it will reduce the service life of the power battery.
- Prior to long-term vehicle storage, ensure the SOC remains within the optimal range (50%-80%). Maintenance must be carried out once every 1 month. The specific operation is to fully charge the power battery and then discharge it to 80%. Failure to follow the standard operation may cause over-discharge of the power battery, reducing its performance or even damaging it. Serious failure and damage to vehicle components caused by this will not be covered by the warranty.
- If the battery level is discharged to 0%, be sure to charge the vehicle immediately. At this point, charging speed may be slow until the power battery's battery level reaches 20% to restore battery performance. If the power battery is not charged in a timely manner within 24 hours, it may cause irreversible damage to the power battery, resulting in serious faults and damage to vehicle parts, which will not be covered under warranty. If you are unable to charge the vehicle, please contact the authorized dealer immediately.

TRACTION BATTERY RECYCLING

When the power battery reaches the end of its life, recycle the power battery in accordance with local regulations.

WARNING

- Do not tap, move, or disassemble the power battery and its corresponding wiring privately to avoid personal injury.

ECO

- Please do not casually handle or discard used power batteries to avoid causing serious pollution to the environment.

FUSE

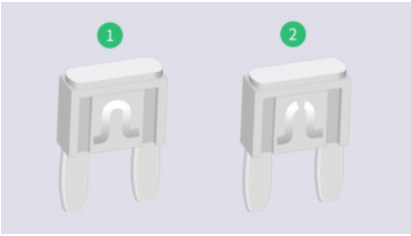
FUSE DESCRIPTION

The vehicle's fuse is designed to prevent the harness from being damaged by short circuits or overloads. These fuses are installed in three fuse boxes, namely the front compartment fuse box, the battery positive fuse box and the dashboard fuse box.

When it is necessary to check and replace a fuse, ensure that the negative terminal of the battery is disconnected.

CHECK THE FUSE.

If you suspect a fuse is faulty, refer to the fuse position distribution diagram and use fuse pliers to remove it from the fuse box for inspection.



1. Normal fuse
2. Blown fuse

NOTE

- Check whether the metal wire inside the fuse is blown. If it is blown, it should be replaced.
- The fuse puller is located in the front compartment fuse box.

REPLACE THE FUSE.

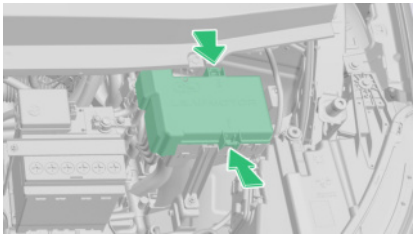
If you cannot determine whether the fuse is blown, you can replace the possibly faulty fuse with a normal spare fuse.

If a fuse blows, a new fuse should be installed in the fuse box, and only fuses with the same current rating as on the fuse box cover should be installed.

ATTENTION

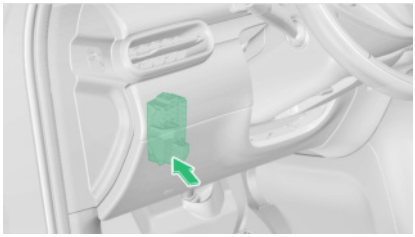
- Do not use a fuse higher than the rated current or any other object in place of the fuse, otherwise it will cause serious damage to the electrical system and may result in a fire.
- The fuse box must be kept clean and moisture-proof.
- Do not attempt to repair a fuse that has already blown and continue to use it, otherwise a fire may occur due to cable overload.
- If the correct fuse is replaced and still blows after a short period of time or the electrical parts do not return to normal operation, it indicates that the vehicle may have a serious electrical system fault. In this case, please contact a Leapmotor service centre or an authorised service centre in time.

FRONT ENGINE COMPARTMENT FUSE BOX



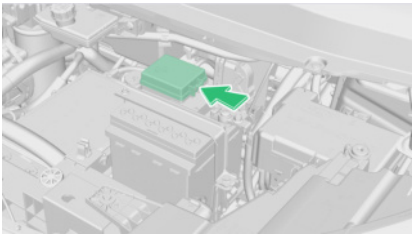
The front engine compartment fuse box is located on the left side of the front engine compartment. Open the front engine compartment cover, press the lock in the direction of the arrow, and remove the front engine compartment fuse cover to check and replace the fuse.

INSTRUMENT PANEL FUSE BOX



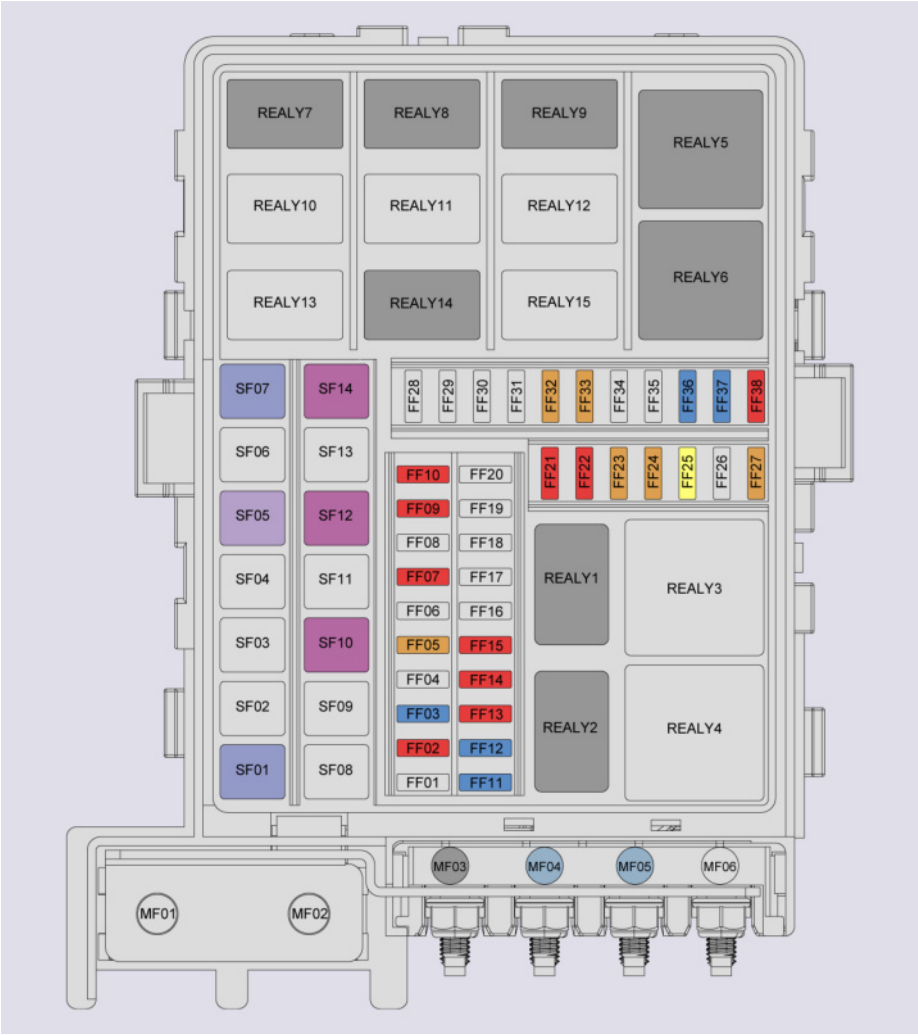
The instrument panel fuse box is located on the driver's side of the instrument panel. Remove the left end cover and lower left guard plate of the instrument panel to check and replace the fuse.

BATTERY FUSE BOX



The battery positive fuse box is located at the positive pole of the front engine compartment battery. Open the front engine compartment cover, press the lock in the direction of the arrow, remove the battery positive fuse box cover, and then check and replace the fuse.

DISTRIBUTION OF FUSES IN FRONT ENGINE COMPARTMENT



FUSE DETAILS

Fuse No.	Fuse specification	Fuse name
SF01	40A	Electronic fan assembly power supply fuse
SF02	—	—

Fuse No.	Fuse specification	Fuse name
SF03	—	—
SF04	—	—
SF05	25A	ON2C relay power fuse
SF06	—	—
SF07	40A	Blower relay power fuse
SF08	—	—
SF09	—	—
SF10	30A	Coolant pump relay power fuse
SF11	—	—
SF12	30A	ON2B relay power fuse
SF13	—	—
SF14	30A	Rear defroster relay power fuse
FF01	—	—
FF02	10A	Brake lamp switch assembly power fuse
FF03	15A	Front left combination lamp power fuse
FF04	—	—
FF05	5A	Blind spot monitoring radar power fuse*
FF06	—	—
FF07	10A	Two-in-one power supply assembly/charging protocol convertor power fuse
FF08	—	—
FF09	10A	Power supply fuse of traction battery pack assembly
FF10	10A	Power supply fuse for thermal management controller
FF11	15A	Horn relay power fuse
FF12	15A	Front right combination lamp power fuse
FF13	10A	ON3 relay power fuse

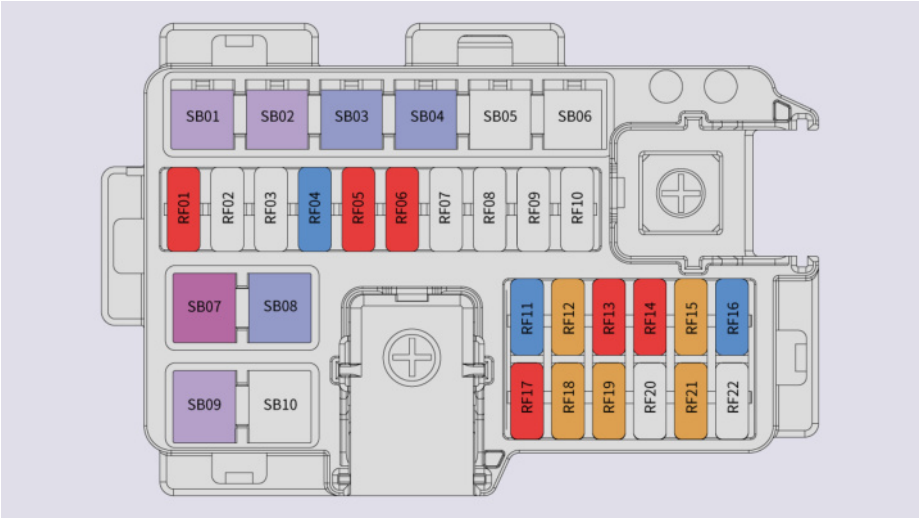
Fuse No.	Fuse specification	Fuse name
FF14	10A	Electric drive powertrain power supply fuse
FF15	10A	Power supply fuse of traction battery pack assembly
FF16	—	—
FF17	—	—
FF18	—	—
FF19	—	—
FF20	—	—
FF21	10A	Electric compressor assembly/ super integrated module power fuse
FF22	10A	Thermal management controller (ON2B power supply) power fuse
FF23	5A	Multi-domain fusion controller (ON2B feedback)/brake light switch assembly power fuse
FF24	5A	Water pump relay/blower relay/ rear defroster relay power fuse
FF25	20A	Electronic oil pump power fuse
FF26	—	—
FF27	5A	Alcolock controller power fuse
FF28	—	—
FF29	—	—
FF30	—	—
FF31	—	—
FF32	5A	Integrated motor controller (ON3 power supply) power fuse
FF33	5A	Multi-domain fusion controller (ON3 feedback)/intelligent integrated brake system assembly (ON3 power supply) power fuse
FF34	—	—
FF35	—	—

Fuse No.	Fuse specification	Fuse name
FF36	15A	Super integrated module power fuse
FF37	15A	Super integrated module power fuse
FF38	10A	Super integrated module power fuse
MF01	—	—
MF02	—	—
MF03	80A	Integrated motor controller power fuse
MF04	60A	Power supply fuse of IPB system assembly
MF05	60A	Power supply fuse of IPB system assembly
MF06	—	—

RELAY DETAILS

Relay No.	Relay name	Relay No.	Relay name
RELY1	Horn relay	RELY9	ON3 relay
RELY2	Rear defroster relay	RELY10	—
RELY3	—	RELY11	—
RELY4	—	RELY12	—
RELY5	Coolant pump relay	RELY13	—
RELY6	Blower relay	RELY14	Blind spot monitoring radar relay*
RELY7	ON2B relay	RELY15	—
RELY8	ON2C relay		

LOCATION DISTRIBUTION OF INSTRUMENT PANEL FUSES

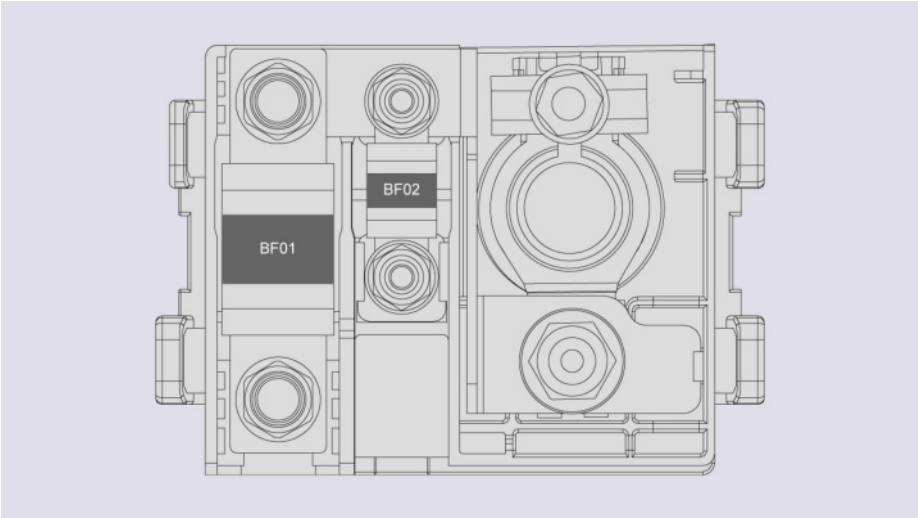


FUSE DETAILS

Fuse No.	Fuse specification	Fuse name
SB01	25A	Power amplifier power supply fuse*
SB02	25A	Power amplifier power supply fuse*
SB03	40A	Main area controller power fuse
SB04	40A	Main area controller power fuse
SB05	—	—
SB06	—	—
SB07	30A	Front left seat assembly power fuse
SB08	40A	Main area controller power fuse
SB09	25A	Multi-domain fusion controller power fuse
SB10	—	—
RF01	10A	Airbag control module assembly (ON3 power supply) power fuse
RF02	—	—

Fuse No.	Fuse specification	Fuse name
RF03	—	—
RF04	15A	Backup power supply-rear power fuse
RF05	10A	Bluetooth module/rear USB/ wireless charging module assembly power fuse
RF06	10A	Multi-domain fusion controller (ON2C power supply)/front-view monocular camera assembly (ON2C power supply) power fuse
RF07	—	—
RF08	—	—
RF09	—	—
RF10	—	—
RF11	15A	Diagnostic interface power fuse
RF12	5A	Rain and light sensor power fuse
RF13	10A	Alcolock controller power fuse
RF14	10A	IOV host power fuse
RF15	5A	Vital signs detection radar-rear/ vital signs detection radar-front power fuse*
RF16	15A	Multi-domain fusion controller power fuse
RF17	10A	Front USB power fuse
RF18	5A	Front-view monocular camera assembly power fuse
RF19	5A	NFC key controller power fuse*
RF20	—	—
RF21	5A	Instrument display screen/DAB host assembly power fuse
RF22	—	—

LOCATION DISTRIBUTION OF BATTERY FUSES



Fuse No.	Fuse specification	Fuse name
BF01	250A	Front compartment fuse box fuses
BF02	100A	Dashboard fuse box fuses

WIPER BLADE

TURN ON THE WIPER MAINTENANCE FUNCTION

On the "Settings - System - Maintenance" interface of the center display, you can touch to turn on or off the front/rear wiper maintenance function.

After the function is turned on, the front/rear wiper will wipe to the maintenance position. After the inspection and replacement are completed, turn off the wiper maintenance function on the center display, and the wiper blade will return to its original position.

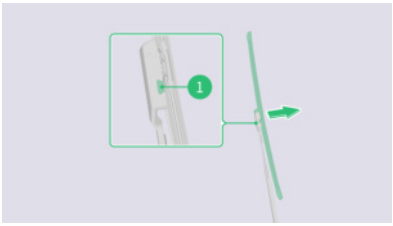
NOTE

- The front/rear wiper maintenance function can only be enabled when the vehicle is not started.

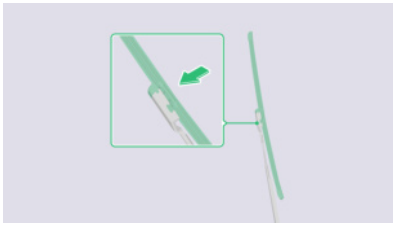
REPLACE THE FRONT WIPER BLADE

The steps for replacing the front wiper blade are as follows:

1. Turn on the front wiper for maintenance, and the front wiper blade runs to the middle position of the front windscreen and stops.
2. Lift the wiper arm that needs 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 a "click" sound is heard.
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

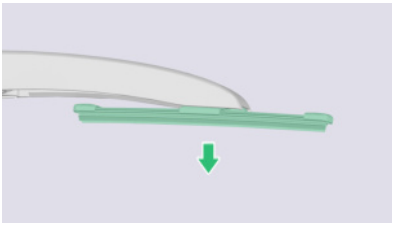
- When the windscreen is dry or the washer fluid in the washing fluid reservoir is exhausted, do not use the wipers.
- Do not use the washer when the washer fluid is insufficient, otherwise the washing fluid pump may get damaged.
- Before turning on the wipers, please defrost and remove snow from the windscreen thoroughly.
- Before washing the car, please make sure that the windscreen wiper is in the off position.
- When the wiper maintenance mode is not enabled, do not carry out replacement or maintenance for the wipers.
- Do not allow the wiper to come into contact with gasoline, kerosene, paint thinner or other solvents to avoid damage.
- Do not shake the wiper arm to avoid damaging it and other parts.
- 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 open the bonnet when the wiper arm is lifted, otherwise the hood and wiper arm may be damaged.
- Please regularly check the status of the wiper blades and replace them with new ones with the same specifications as specified.

NOTE

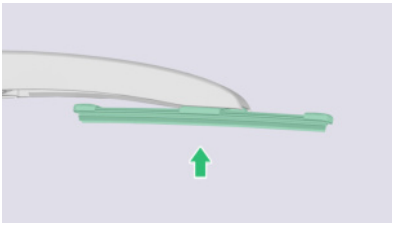
- After replacing the wiper blade, please timely disable the wiper maintenance function on the Infotainment Screen to avoid affecting the use of the wiper.

REPLACE THE WIPER BLADE

1. Enable the rear wiper maintenance mode, and the rear wiper blade runs to the middle position of the rear windshield and stops.
2. Lift the wiper arm to be replaced.



3. Remove the wiper blade along the direction shown in the figure.



4. Align the new wiper blade with the clip position and snap it in place until a "click" sound is made.
5. Reset the wiper arm to the rear windshield.
6. Disable the rear wiper maintenance on the infotainment screen, and reset the wiper to its initial position.

ATTENTION

- When the windshield is dry or the washer fluid in the washer fluid reservoir is exhausted, do not use the wiper blades.
- Do not use the washer when the washer fluid is insufficient, otherwise the washer fluid pump may get damaged.
- Before turning on the wipers, please defrost and remove snow from the windshield thoroughly.
- Before washing the car, please make sure that the windshield wiper is in the off position.
- When the wiper maintenance mode is not enabled, do not carry out replacement or maintenance for the wipers.
- 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.
- Do not forcefully lower the wiper arm to avoid damaging the windscreen.
- Please regularly check the status of the wiper blades and replace them with new ones with the same specifications as specified.

NOTE

- After replacing the wiper blade, please timely disable the wiper maintenance function on the Infotainment Screen to avoid affecting the use of the wiper.

HEADLIGHTS

VEHICLE LAMP INSPECTION

The external vehicle lamps should be checked regularly. Damaged bulbs can reduce a vehicle's visibility and its ability to signal alerts to other road participants, seriously affecting driving safety.

VEHICLE LAMP REPLACEMENT

The whole vehicle uses LED bulbs. The bulbs cannot be replaced separately. The corresponding assembly accessories must be replaced by professionals. For replacement, please contact the authorized dealer.

WARNING

- Modifications or additions to external lighting and signaling devices are prohibited.

VEHICLE LAMP FOGGING

Under certain humid conditions (such as high air humidity, car wash, etc.), the vehicle lamp cover

may become fogged or even have a small amount of water droplets inside. This is caused by the temperature difference between the inside and outside air of the vehicle lamp, similar to fogging on car windows on rainy days. It is a normal physical phenomenon and will not affect the function or service life of the vehicle lamp.

ATTENTION

- If there is a large amount of water beading or pooling in the vehicle lamp housing, it is recommended that you contact an authorized dealer for check and repair.

REGULAR MAINTENANCE

IMPORTANCE OF MAINTENANCE

Maintenance is divided into regular maintenance and routine maintenance. Regular maintenance is performed by the authorized dealer, and routine maintenance is mainly performed by the driver. Timely regular maintenance of the vehicle is an essential part of its use.

Regular maintenance can help extend the service life of vehicles and improve driving safety. Failure to maintain the vehicle as required may lead to excessive wear of some parts, decrease in power performance, affect driving safety, increase financial expenses, and other problems.

⚠ WARNING

- Do not continue to drive a vehicle that has not been inspected, otherwise it will cause serious vehicle damage and personal injury.

MAINTENANCE LOCATION

We recommend that you choose an authorized dealer for maintenance.

MAINTENANCE CONTENTS

Maintenance item		Content
traction battery	Battery box	Check whether there is any irritating or burnt smell around the battery box.
	High and low pressure 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 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.
	Cleaning the outer side of lower box	Check whether the lower box has corrosion, deformation, etc.; check whether there are scratches, corrosion, or damage at the bottom of the lower box; remove dust from the box to ensure good cleanliness.
	Box air pressure balance 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 sealing plug of the battery pack positioning hole is intact, detached, or loose.
	Battery pack nameplate and warning label	Check whether the battery pack nameplate and warning labels are missing, detached, and if 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 discs. It is recommended to replace them if the thickness of the brake disc is less than 22 (front) / 8 (rear) mm.
	Brake hose and tube	Check the brake pipelines for oil leakage, damage, and loose connection.
	Brake fluid	Check the brake fluid volume. If it is insufficient, add Leapmotor DOT4 brake fluid. The brake fluid must be replaced every 2 years or 40,000 km (24,855 miles) of travelling. In particularly harsh conditions, it needs to be replaced earlier.
	Steering gear dust cover	Check the dust cover for damage or oil leakage.

Maintenance item		Content
	Drive shaft dust cover	Check the dust cover for damage or oil leakage.
	Door, front and rear hood hinges	Check whether the fixing bolts are tightened and clean the dust; if the movement is not smooth, apply oil or increase lubricant.
	Door stopper	Check whether the fixing bolts are tightened and clean the dust; if the movement is not smooth, apply oil or increase lubricant.
	Charging port plate	Check whether there are stains in the charging port box, and clean the dust and other sundries.
	Tire	Check whether the cold tyre inflation pressure is normal. Unloaded (front/rear wheels): 250/250 kPa; fully loaded (front/rear wheels): 270/270 kPa. It is recommended to replace the tyre when either condition is met: 3 years or 40,000 km (24,855 miles) of travelling, or the tread pattern depth is less than 3 mm. If abnormal wear, vehicle deviation or other abnormalities are found on the tyre, please check the wheel alignment. Check the tyre wear, rotate the tyres every 10,000 km (6,214 miles), and tighten the wheel fixing nuts with a torque of 170±10 N.m.
	Door lid stop block and gas spring	Check and clean off the dust.
	Coolant	Check whether the coolant level is within the standard range, add it if insufficient, and replace it every 5 years or 100,000 km (62,137 miles). The specification of the newly added coolant must be consistent with the original Model.
	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.
	Exterior accessory fixing bolts	Check the tightness of the fastening bolts for external accessories.
	Driving drive motor	Check the drive motor fixing bolt torque, drive motor vent plug, and the oil leakage hole below the drive motor.
	Reducer	Check the reducer mating surface and oil filling/draining bolts for oil leakage or seepage; check the torque of the reducer vent plug and oil stains on the output end housing of the reducer.
	Reducer oil	Replace the reducer oil every 4 years or 100,000 km (62,137 miles).
	Filter	Replace the filter every 4 years or 100,000 km (62,137 miles).
	Assembly housing	Clean and inspect the exterior case of the drive motor; check whether the drive motor runs smoothly and in the driving status, and whether there is any abnormal noise.

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.
	High and low voltage wiring harnesses and connectors.	Check whether the surface of the wiring harness/connector is intact and not damaged, and whether it is firm and not loose. Check whether the cover of the wiring harness bellow is aged, cracked, or fallen off; whether the wiring harness terminal bolts are loose.
Thermal management	Water cooling system pipeline and water pump	Check whether the water cooling system pipelines are aged, deformed or leaking; whether there is scale in the water tank and pipelines; and whether the water pump works normally.
	Super integrated module	Check whether the clips on the super integrated module harness connector are loose; check whether the super integrated module has leakage, whether there is scale on the expansion tank, whether the water pump is working normally, and whether there is oily liquid leakage at the interface between the super integrated module body and the pipe, refrigerant pipe, and valve parts.
	Cooling module	Check the radiator surface for dirt or foreign matter, and clean it if necessary.
Automotive electronics	Light, horn, wiper, and washer	Check and confirm the proper functioning of all lights, horns, wipers, and washers.
	Door and door latch	Check the function of doors and door latch, and adjust if necessary.
	Moving parts, connectors, and harness	Check whether there is interference between moving parts and harness, whether it is worn; whether the connectors are in place; whether the harness is fixed in place; and measure the insulation resistance value.
	Compressor	Test the insulation resistance value of the compressor; test the ground resistance value of the compressor grounding wire.
	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 element	It must be replaced once every 2 years (to ensure a good filtering effect, it is recommended to replace it once every 1 year).
	Control unit software version	Check whether the control unit software version is the latest, and update if necessary.

For vehicles frequently driven under the following harsh conditions, additional maintenance items or shortened maintenance intervals are required. For specific matters, it is recommended to contact a Leapmotor authorized dealer or authorized dealer:

- 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 authorization from Leapmotor.

NOTE

- The maintenance content is based on whichever comes first in terms of time or mileage.

MAINTENANCE SCHEDULE

Maintenance interval	×1,000 km (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	J	J	J	J	J	J	J	J	J	J
	High and low pressure connectors and ground harness	J	J	J	J	J	J	J	J	J	J
	Battery box and chassis bolts	J	J	J	J	J	J	J	J	J	J
	Cleaning the outer side of lower box	J	J	J	J	J	J	J	J	J	J
	Box air pressure balance 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 sealing plug	J	J	J	J	J	J	J	J	J	J
	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

Maintenance interval	×1,000 km (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
	Brake disc	J	J	J	J	J	J	J	J	J	J
	Brake hose and tube	J	J	J	J	J	J	J	J	J	J
	Brake fluid	Please carry out a routine inspection during each maintenance; replace it 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, front and rear hood hinges	J	J	J	J	J	J	J	J	J	J
	Door stopper	J	J	J	J	J	J	J	J	J	J
	Charging port plate	J	J	J	J	J	J	J	J	J	J
	Tire	Please perform a routine inspection at each maintenance; the recommended replacement interval is every 3 years or 40,000 km (24,855 miles), replace as necessary.									
	Door lid stop block and gas spring	J	J	J	J	J	J	J	J	J	J
	Coolant	Please carry out a routine inspection during each maintenance; replace it every 5 years or 100,000 km (62,137 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
	Exterior accessory 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
	Reducer oil	Please inspect at each maintenance; replace every 4 years or 100,000 km (62,137 miles).									

Maintenance interval	×1,000 km (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
	Filter	Please inspect at each maintenance; replace every 4 years or 100,000 km (62,137 miles).									
	Assembly housing	J	J	J	J	J	J	J	J	J	J
	Control unit fixing bolts and ground harness	J	J	J	J	J	J	J	J	J	J
	High and low voltage wiring harnesses and connectors.	J	J	J	J	J	J	J	J	J	J
Thermal management	Water cooling system pipeline	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
Automotive 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 harness	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 element	Must be replaced every 2 years (to ensure a good filtering effect, it is recommended to replace it every 1 year).									
	Control unit software version	J	J	J	J	J	J	J	J	J	J

Code meanings in the table::

- J: "Check, adjust or add if necessary".

ATTENTION

- It is recommended that vehicle maintenance be performed according to the above intervals to ensure the vehicle's optimal status. If a fault is caused by failure to maintain the vehicle properly, Leapmotor will not be responsible for warranty service.

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 (4,350 miles)). 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 authorized dealer.
- The maintenance schedule is based on whichever comes first in terms of time or mileage.

EMERGENCY TREATMENT DEVICE

HAZARD WARNING LAMP



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 RESCUE*

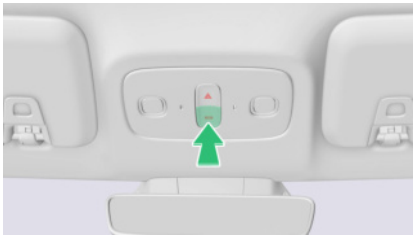
When a vehicle has a traffic accident (frontal collision, side collision, rear collision, rollover, etc.) or the user presses the SOS button, the emergency rescue centre can be connected and the MSD (minimum data set) can be transmitted to the service centre through the voice dialing channel.

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.

ACTIVATE ECALL



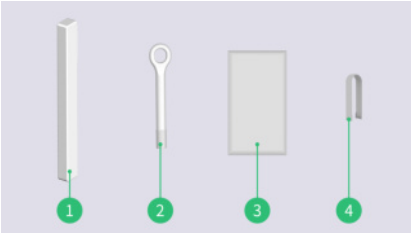
ECall will be automatically triggered when the airbag is detonated or the vehicle rolls over. In addition, the user can manually trigger it by pressing the SOS button on the roof (pressing the button for 2s to trigger eCall dialing).

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).

ON-BOARD TOOLS

The on-board tools include warning triangle, towing hook and reflective vest. The warning triangle, tow hook and nut trim cover removal clip* are located in the boot, and the reflective vest is located in the glove box.



1. Warning triangle
2. Towing hook
3. Reflective vest
4. Removal clip of nut trim cover*

NOTE

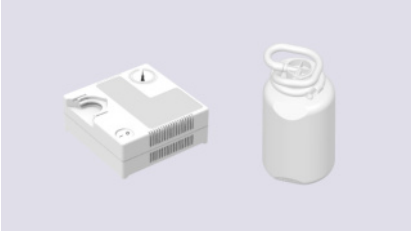
- In order to deal with various emergencies, you should be familiar with the placement and use of on-board tools. After use, it should be cleaned in time and put back to its original position.

TIRE REPAIR KIT

STATUS 1*



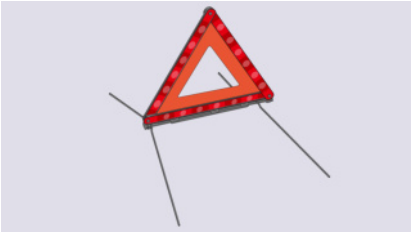
STATUS 2*



NOTE

- For specific operations, refer to the operating instructions on the tire repair device.

WARNING TRIANGLE



The warning triangle is located in the trunk 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.

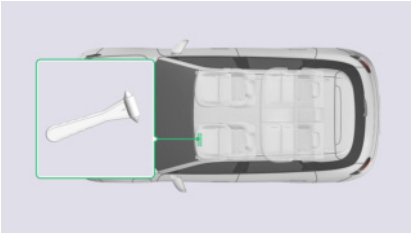
WARNING

- 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 use, properly put the reflective vest into the glove box.
- If the reflective vest is torn or badly soiled, it is recommended that you replace it with a new reflective vest in a timely manner.

EMERGENCY HAMMER



The safety hammer is placed under the front left seat. 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:

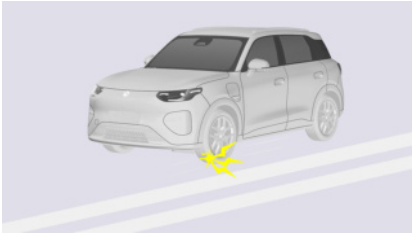
1. Find the fragile point on the edge of the car window.
2. Hold the hammer handle and hit the fragile point hard.
3. Repeatedly knock until the window breaks.

ATTENTION

- Use it only in emergency situations.
- Take care to protect your own safety when knocking.
- The an emergency hammer should be placed in an accessible position.
- Please use the emergency hammer correctly to ensure safe travel.

ACCIDENT HANDLING

TYRE BURST



When the vehicle is driving, if a tyre 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

- Do not step on the brake pedal hard, otherwise it may cause the vehicle to lose its centre of gravity and get out of control or roll over.
- Turn on the hazard warning lights in time, and place a triangular warning sign behind the vehicle as required to remind the vehicles behind to avoid danger.

FLAT TYRE

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 on the left side of the boot, plug the power connector into the vehicle-mounted 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 2*

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 tyre sealant from the boot. Shake the tyre repair fluid tank for more than 30 seconds, connect the inflator pump rubber tube to the tyre repair fluid tank joint, and insert the tyre 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 on the left side of the boot, plug the power connector into the vehicle-mounted 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 tyre 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 tyre is repaired with tyre sealant.

VEHICLE STUCK

If the vehicle is stuck on a soft road such as sand, mud or snow, operate according to the following steps to get out of the pit:
1. Turn the steering wheel from side to side to clear an area around the front wheels, removing any mud, snow, or sand that has accumulated around the tires.
2. Place wooden blocks, rocks, or other materials to help increase the tire's traction.

3. Start the vehicle and accelerate carefully to get it out of the rut.

ATTENTION

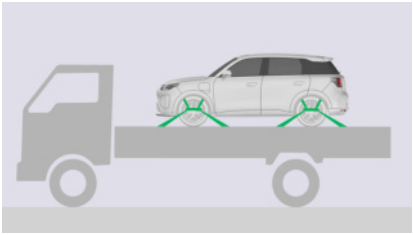
- During acceleration, human assistance can be used in conjunction with forward and backward pushing methods to move the vehicle out of the pit, ensuring that the surrounding area is spacious and clear to avoid hitting other vehicles, objects, or people. The vehicle may suddenly accelerate sharply forward or backward as it is about to exit the pit. Please be sure to pay attention to the surroundings of the vehicle.
- If you're still unable to get out of the ditch after several attempts, you'll need a tow truck.

VEHICLE TOWING

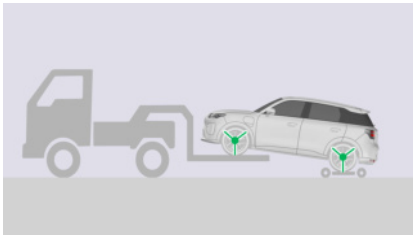
If the vehicle needs to be towed, it should be towed by the corresponding Leapmotor service centre or authorised service store or professional towing company.

When the vehicle breaks down and needs to be towed, it is best to choose a flatbed trailer because some high-voltage components may be damaged if the front or rear wheels of the vehicle touch the ground.

Platform trailer



Wheel-lift trailer



If a wheel-lift trailer is used to tow the vehicle from the front, a towing trolley should be used under the rear wheels.

NOTE

- All traction must use a safety chain system and comply with relevant national/provincial (municipal) and local laws, regulations and industry standards.

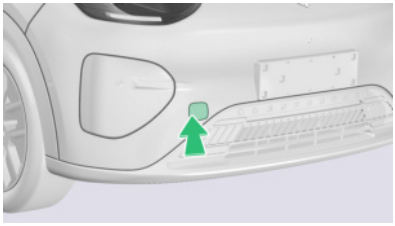
EMERGENCY TRACTION

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 towing on solid and flat roads.

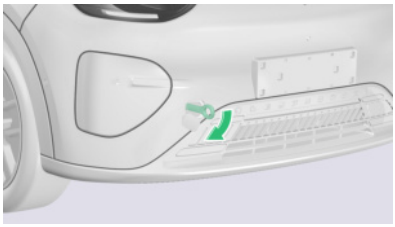
Front towing

Front towing hook installation method:

1. Take out the towing hook from the boot.



2. Press the 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.

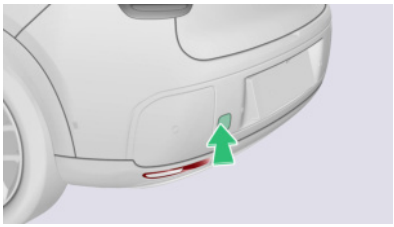


3. Screw the tow hook clockwise into the tow hook mounting hole and tighten it.

Rear towing

Installation method of rear towing hook:

1. Take out the towing hook from the boot.



2. Press the left position of the rear tow hook cover located at the lower left of the rear of the vehicle to open the tow hook cover.



3. Screw the tow hook clockwise into the tow hook mounting hole and tighten it.

WARNING

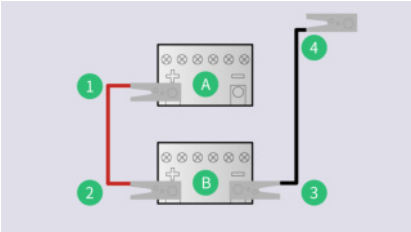
- When installing the towing hook on the vehicle, tighten it. If the towing hook is loose, it may fall off during towing and cause serious injury or vehicle damage.
- If the vehicle is stuck in silt or sand, or if it needs to be pulled out with a tow hook due to other circumstances, please ensure that 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.
- In the process of towing a vehicle, the driver must sit inside the vehicle and control the steering wheel and brake pedal to avoid personal injury and vehicle damage during towing.
- Don't drive at a high speed while towing the vehicle.

ATTENTION

- Emergency traction can only be used to tow the vehicle when the wheels, transmission system, steering wheel and brakes are in good condition.
- 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.
- Do not pull the towing hook violently, and apply force steadily 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 TREATMENT PLAN

EMERGENCY RESPONSE TO FIRE

In case of fire, handle it as follows:

1. In case of fire, pull over immediately and turn off all power systems of the vehicle.
2. Check the location of the fire on the vehicle. After an open fire breaks out, do not touch the fire source with your hands to avoid burns. It is strictly forbidden to use water and other conductive objects to extinguish the fire to prevent electric shock or secondary damage to the vehicle systems.
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

- When the vehicle catches fire spontaneously, there is a possibility that the battery may explode. If the fire becomes too large to control, please evacuate the scene decisively and call the police.
- Do not touch any part of the vehicle directly. Professional rescue personnel should wear proper protective equipment to operate it.

Trapped occupants in the vehicle should evacuate according to the guidance of professional rescue personnel.
- Under the premise of ensuring personnel safety, the fire should be controlled at the first opportunity to try to avoid the vehicle from being completely burned and causing 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.
- In case of a fire not involving the power battery in the vehicle, a fire extinguisher can be used to put out the fire. If the vehicle power battery area catches fire, use large amounts of continuous hydrant water to cool it 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.
- Be alert to the risk of re-ignition after taking cooling measures for the power battery on fire, 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.

In order to prevent vehicle fires in a timely and effective manner, pay attention to the following matters during use:
- It is prohibited to store flammable and explosive items inside the vehicle. In the hot summer, if lighters, cleaning agents, perfumes and other flammable and explosive items are stored in the car, it is very easy to cause fire or even explosion.
- Modification of vehicle wiring and addition of electrical parts is prohibited. Installing other electrical appliances (such as high-power audio systems) will cause excessive line load, and the wiring harness can easily heat up and cause a fire.
- It is strictly prohibited to replace a fuse with one that exceeds the rated specifications or with any other metal wire.

It is recommended that the following inspections be performed periodically at an authorized dealer:
- Regularly check for oil leaks and promptly clean oil dirt and stains on the motor to prevent oil dirt and stains from volatilisation under high temperatures, which may cause a fire.
- Regularly check whether the wiring, electrical appliances, harness connectors, insulation, and fixing positions of the whole vehicle are normal. If any problems are found, they should be dealt with promptly.

Equipping the vehicle with fire extinguishers and understanding how they are used is recommended.
- To ensure driving safety, a vehicle-mounted fire extinguisher can be equipped, and it should be regularly checked and replaced.

Driving Precautions:
- The vehicle chassis is low and should minimize driving on pothole-ridden roads and bumpy roads to avoid bumping the vehicle chassis and compressing the power battery pack, which may cause the power battery to catch fire due to severe compression.
- When the vehicle is driving, it should try to avoid sections where flammable materials such as dry leaves, wheat straw, and weeds are piled up, or stop in time after passing such sections to check whether there are flammable materials hanging under the vehicle.
- When parking, you should try to avoid places exposed to direct sunlight.

WATER CROSSING EMERGENCY RESPONSE

Before driving through water, you should pay attention to the following matters:
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.

When driving through water, if the vehicle takes in water, you need to follow the steps below:
1. After driving the vehicle out of the flooded area, park the vehicle in a safe place and check if there is water inside. If there is, please drain the accumulated water.
2. If the vehicle can continue to drive, drive the vehicle to the authorised dealer for

troubleshooting. If the vehicle cannot continue travelling, 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. disconnect the negative terminal of the battery when conditions permit;
5. In the event of severe vehicle submersion, all occupants must evacuate to a safe location immediately.

After driving through water, the following checks should be performed immediately when the vehicle is safe:
1. Gently depress the brake pedal to dry the brake and verify its proper functioning.
2. Check whether the horn operates properly.
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 rescue personnel should wear appropriate rescue protective equipment when dealing with a water soaked vehicle, pull the vehicle out of the water first, and then cut off the high-voltage circuit normally.
- Do not touch flooded vehicles without wearing rescue protective equipment to avoid electric shock incidents.
- After the vehicle bottoms out or is flooded, it is recommended to contact the Leapmotor service centre or an authorised service store for inspection to avoid personal injury or vehicle damage caused by mechanical damage to the power battery or high-voltage safety issues.

ATTENTION

- Do not drive on road sections where the depth of standing water is unknown to avoid damaging electrical parts.
- Do not drive on roads with salt-laden water to avoid corrosion of the body.
- Do not drive through water for long periods of time to avoid damage to the vehicle.

CHARGING EMERGENCY RESPONSE

If an error message is displayed on the central control screen during charging, please unplug the charging connector. If necessary, it is recommended to contact the Leapmotor service centre or an authorised service store for inspection and repair as soon as possible.

If the vehicle is in the DC fast charging status of the charging station, and there is smoke or odor from the charging port or abnormal phenomena inside the vehicle, please promptly press the emergency stop button on the fast charging pile to stop charging, evacuate the people around the vehicle, and handle the situation according to the relevant procedures at the scene.

If the charging port area becomes damp during charging, first disconnect the power supply under safe conditions, then unplug the power supply connector, and finally remove the vehicle-end charger. Use insulating gloves if necessary. It is recommended to contact a Leapmotor authorized dealer or authorized dealer for check and repair as soon as possible.

Before charging, please check whether the outer skin and housing of the charging cable are damaged. Do not 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. Stop charging when necessary.

WARNING

- When operating the vehicle, please ensure that you are not wearing any metal items (such as necklaces, watches, etc.) to prevent electric shock incidents.

EMERGENCY RESPONSE TO POWER BATTERY LEAKAGE

When the power battery liquid leaks, it will seriously affect battery safety and even cause a fire. Do not approach the vehicle with a power battery liquid leak. It is recommended to contact

the Leapmotor service centre or an authorised service store immediately for handling.

Handling of power battery liquid leakage should be carried out by professional rescue personnel. Be sure to wear a protective mask and solvent-resistant gloves. Do not touch the liquid directly.

WARNING

- When power battery liquid leaks, avoid skin and eye contact with the liquid. In case of contact, wash with plenty of clean water and seek medical attention immediately. It is prohibited for any person or animal to ingest any part of the battery or the substances contained in the battery.

NOTE

- Do not discard leaked substances into water, soil or other environments.

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.

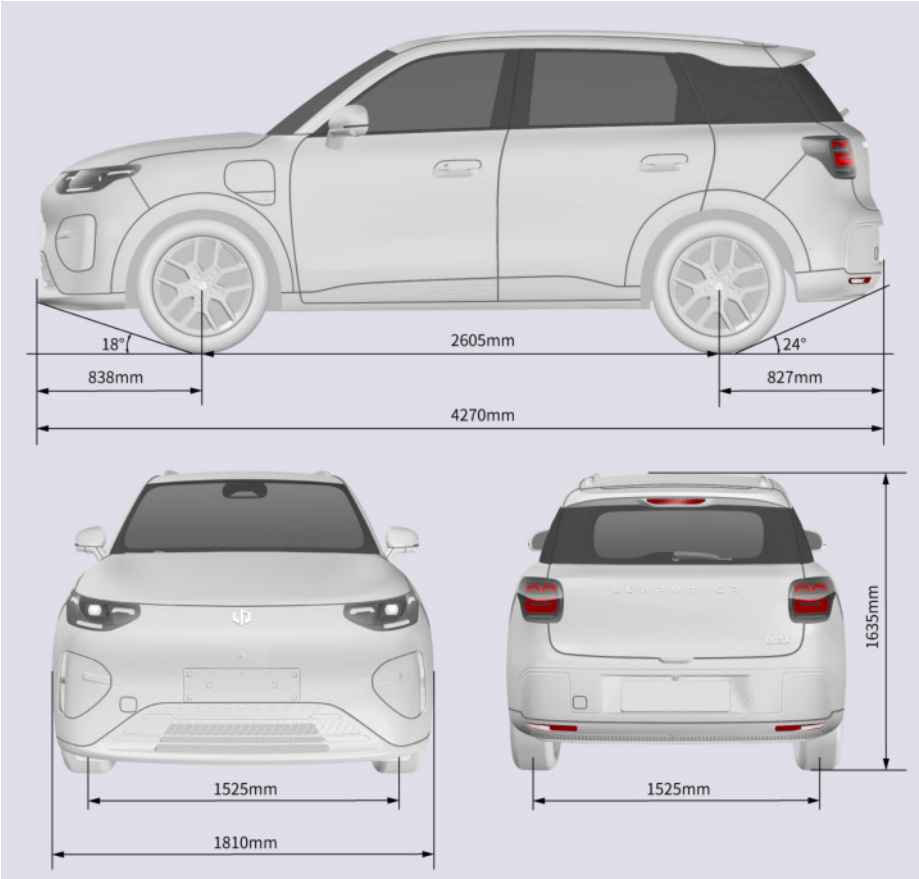
A work area should be set up within 10m around the accident vehicle, and unrelated vehicles, personnel and ships are prohibited from entering. Set up an operation area within 5m, and only rescue personnel directly responsible for treating or rescuing trapped people are allowed to enter.

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



Project		Parameter	
Product model		B03X	
Overall dimensions (mm)	Long	4270	4270
	Width	1810	1810
	High	1635	1635
Wheel base (mm)		2605	2605
Maximum allowed total mass (kg)		1920	2020

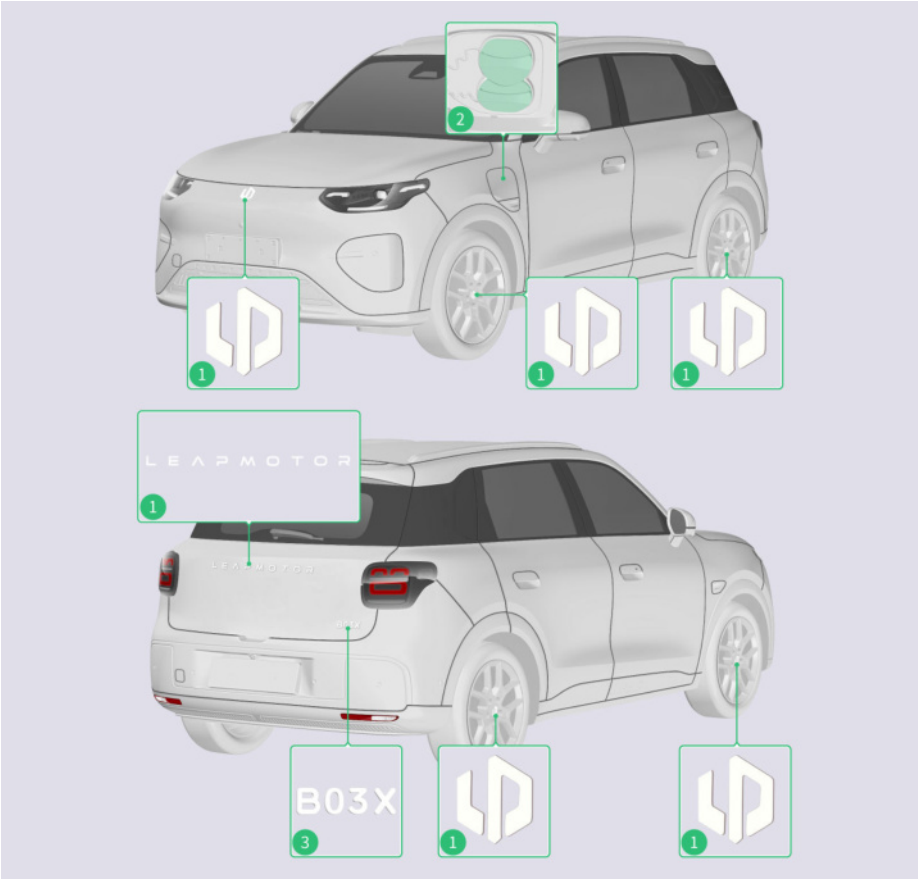
Project	Parameter	
Rated passenger capacity (person)	5	5

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

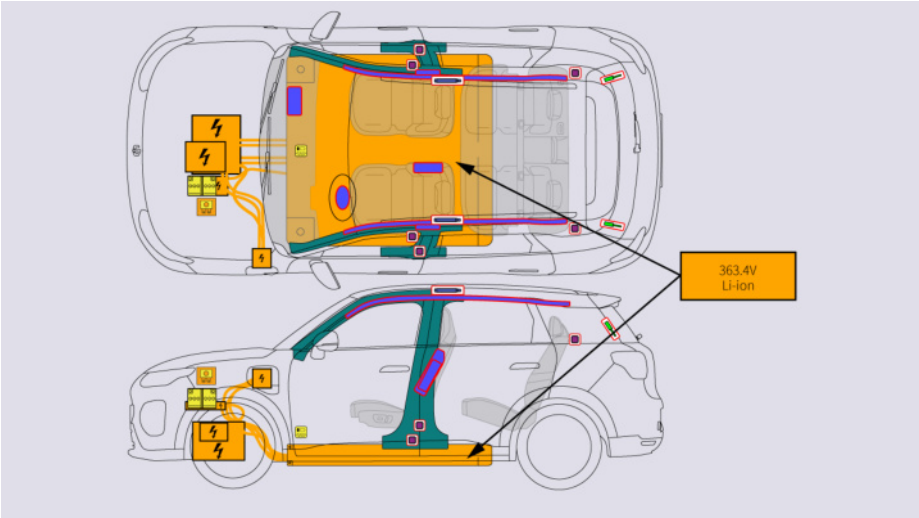
APPEARANCE IDENTIFICATION INFORMATION



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 front left 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 voltage		High voltage power cable
	High strength zone		High voltage component		Battery pack, high-voltage

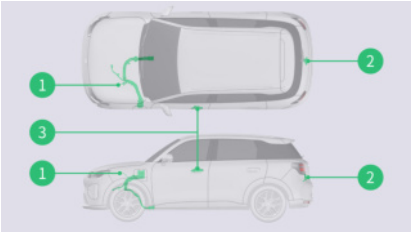
	Fuse box disabling high voltage		Pneumatic support/ preload spring		

POWER SYSTEM PARAMETERS

Project			Parameters	
Battery cell	Type		Lithium iron phosphate	Lithium iron phosphate
	Rated voltage (V)		3.16	3.16
	Rated capacity (Ah)		120	146
Power battery assembly	Model		LP-PBP23H-AA	LP-PBP23J-AA
	Rated voltage (V)		331.8	363.4
	Rated capacity (Ah)		120	146
	Number of power battery packs (Nr.)		1	1
	Weight of battery pack (kg)		297±8.9	385±11.5
	Size of power battery pack (mm)	Length	1662.5±5	1662.5±5
		Width	1430±5	1430±5
		High	155.7±3	166.2±3

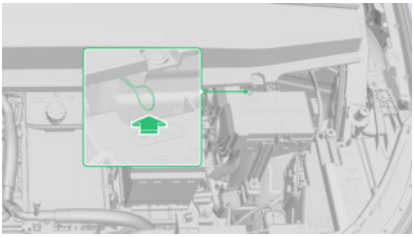
EMERGENCY DEVICE INFORMATION

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



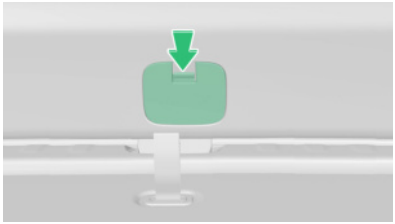
When the vehicle is charging, if the charging gun cannot be pulled out after multiple unlockings, you can try to unlock the charging gun in an emergency:

1. Open the front engine cover and find the emergency unlocking mechanical cable of the charging gun.
2. 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 up the rear seat unlocking strap to unlock the rear seat backrest, fold down the rear seat backrest forward, and enter the boot area.



2. Remove the tailgate upper emergency switch trim cover.

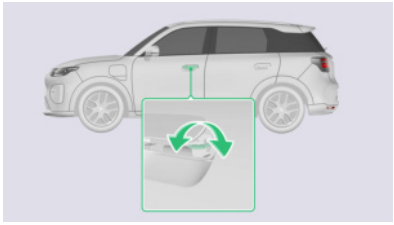


3. Toggle the tailgate lock emergency switch clockwise to unlock the tailgate, and push the tailgate outward to open it.

UNLOCK/LOCK THE DOORS WITH A PHYSICAL KEY

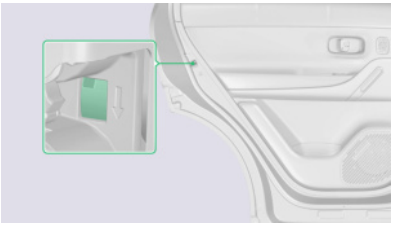
When the doors cannot be unlocked/locked using the NFC key*/Bluetooth key, the Mechanical Key can be used to unlock/lock the doors.

1. Pull up the driver's door handle until the mechanical lock cylinder is exposed.



2. Insert the mechanical key into the lock cylinder.
   - Turn the key anti-clockwise 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 Center or authorized service store.

NOTE

- When the Mechanical Key is used to unlock the vehicle in the armed state, the anti-theft alarm will be triggered. At this time, turning the Mechanical Key clockwise to lock the vehicle or operating the NFC key* to unlock the vehicle can stop the alarm.

SAFETY SIGN INFORMATION

No.	Name of Safety Sign	Symbol	Description
1	High voltage warning sign		Do not touch high-voltage components, danger!
2	High-voltage device warning label		High-voltage part, beware of danger. Do not touch the high-voltage part without wearing protective gear to prevent electric shock!
3	Drive motor high-voltage warning label	 	High-voltage part, beware of danger. Do not touch the high-voltage part without wearing protective gear to prevent electric shock!
4	Power Battery High Voltage Warning Sign	 	High-voltage part, beware of danger. Do not touch the high-voltage part without wearing protective gear to prevent electric shock!
5	High-voltage harness identification		The vehicle's high-voltage components are connected with orange high-voltage wiring harnesses. Do not touch high-voltage components without wearing protective gear 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. Shift the gear to 'P'. The electronic parking brake indicator (P) on the instrument cluster will light up. Release the brake pedal to complete parking.

HV CUT-OFF PROCEDURE

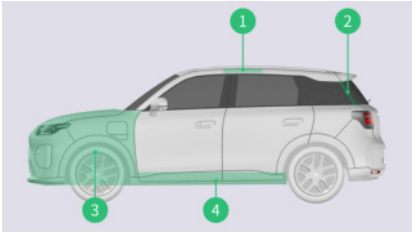
The high voltage power supply of the vehicle can be disconnected by the following steps:

1. Turn off the air conditioner.
2. In the "System-Maintenance" interface of the central control panel, touch "Maintenance Power Off" to power off the vehicle.



3. 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 stored gas inflator 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 engine compartment area
   Cutting is prohibited when it involves high-temperature and high-voltage areas of the vehicle, high-voltage wiring harnesses and electric drive assemblies.
4. Threshold area (below the floor)

Cutting is prohibited when it involves the power battery area.

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-energised. Cutting, crushing or touching high-voltage components can cause serious personal injury.

VEHICLE WATER 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 is large and spreading rapidly, stay away from the vehicle 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 extinguish the fire. Do not use a dry powder fire extinguisher.
- When the power battery suffers from special circumstances such as collision, puncture, or crushing by other objects, even if there are no special circumstances such as leakage, smoke, or fire from the power battery, you must stay away from the vehicle promptly and contact the Leapmotor service centre or an authorised service store for handling.

POWER BATTERY LEAKAGE RESCUE

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 vehicle's high voltage, and disconnect the vehicle's battery if conditions permit.
2. Immediately contact the Leapmotor service centre or an authorised service store for rescue.

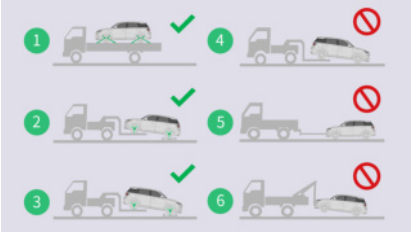
WARNING

- When the power battery liquid leaks, it will seriously affect battery safety and even cause a fire. Do not approach the vehicle with a power battery liquid leak.
- Handling of power battery liquid leakage should be carried out by professional rescue personnel. Be sure to wear a protective mask and solvent-resistant gloves. Do not touch the liquid directly.
- When power battery liquid leaks, avoid skin and eye contact with the liquid. In case of contact, wash with plenty of clean water and seek medical attention immediately. It is prohibited for any person or animal to ingest any part of the battery or the substances contained in the battery.

ECO

- Do not discard leaked substances into water, soil or other environments.

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:

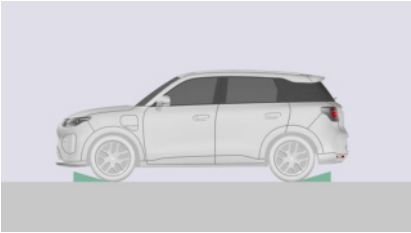
- When the vehicle needs to be towed, it should be towed by a professional towing company.
- It is recommended to use a platform truck for towing. If conditions are insufficient, it can also be towed by a wheel-lift truck as appropriate.
- The towing method shown in Figures ①②③ must be used, and the 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, personnel are prohibited from staying 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. Disconnect the vehicle from high voltage, shift to "N" gear and release the parking brake. The traction speed is lower than 30km/h (19mile/h), and the single traction distance is less than 2km (1mile) (the interval between each traction is greater than 5 minutes). After the vehicle is towed to a position where the towing vehicle can enter the rescue area, it is necessary to use the trailer method ① for towing.
- 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 battery pack is deformed, leaking, smoking, etc., the safety risks should be addressed first.

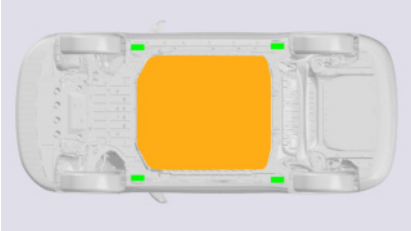
OTHER INFORMATION

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

Power 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.

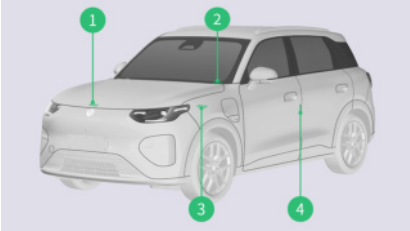
VEHICLE IDENTIFICATION

VEHICLE IDENTIFICATION NUMBER (VIN)

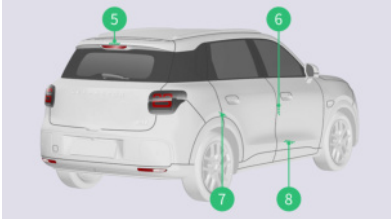
The vehicle identification number (VIN) consists of 17 characters, including information such as the country of manufacture, manufacturer, year, and vehicle feature code.

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:

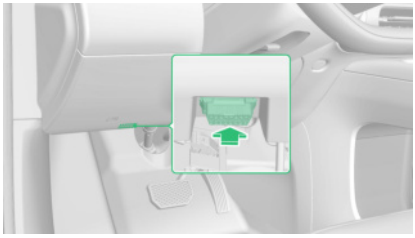


1. Front of front engine hood lock catch (paste)
2. Sheet metal cross beam at the left lower side of the front windscreen (pasted)
3. Front part of inner panel of front left wheel guard (paste)
4. Left front door sheet metal (attached)



5. Tailgate inner panel (paste)
6. Right front door sheet metal (paste)
7. On the sheet metal on the right rear wheel cover (paste)
8. The right seat is installed on the front crossbeam (engraved)

READ VIN FROM OBD INTERFACE



The OBD diagnostic interface is located at the lower left of the instrument panel. Data such as vehicle identification number (VIN) and vehicle status information can be read through a special diagnostic instrument.

VEHICLE NAMEPLATES AND LABELS

整车铭牌



The vehicle nameplate is located on the right side of the vehicle on the outer B-pillar panel. The vehicle nameplate indicates the Brand, Vehicle Identification Number (VIN), vehicle mass parameters and other information.

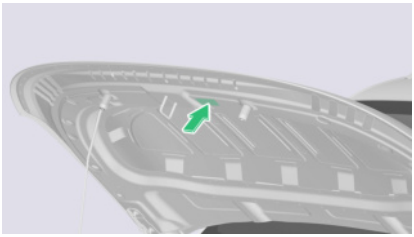
ELECTRIC MOTOR MODEL AND NUMBER

Engraving position



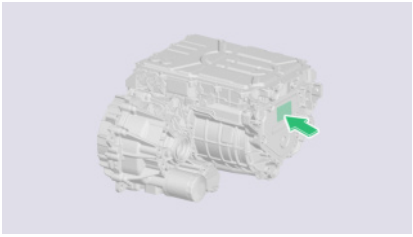
The drive motor model and number are engraved on the drive motor housing.

Drive motor model and number label



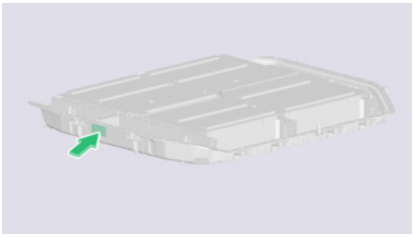
The drive motor model and number label is located near the latch of the front compartment hood.

DRIVE MOTOR NAMEPLATE LOCATION



The drive motor nameplate is located on the drive motor shell. The model and serial number of the drive motor are located on the motor nameplate.

POWER BATTERY NAMEPLATE LOCATION



The traction battery nameplate is located on the outside of the traction battery pack.

NOTE

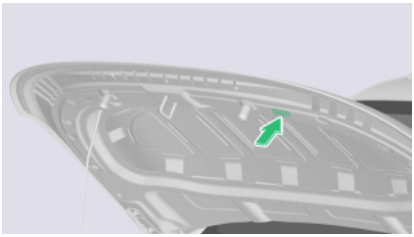
- There are various versions of the power battery. The figure shows one of them as an example. Please refer to the actual vehicle.

TIRE PRESSURE SIGN



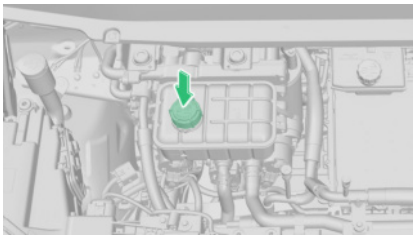
The tire pressure sign is located on the outer panel of the left B-pillar.

A/C SYSTEM WARNING SIGN



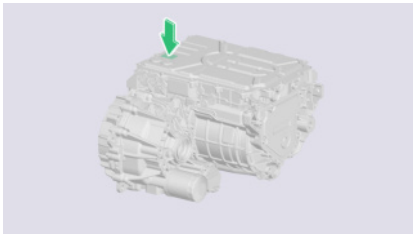
The air conditioning system warning label is located on the inner panel of the front compartment hood.

COOLANT WARNING SIGN



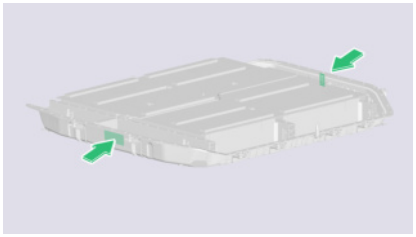
The coolant warning sign is located on the coolant expansion tank cover.

DRIVE MOTOR HIGH-VOLTAGE WARNING LABEL



The drive motor high-voltage warning label is located on the drive motor housing.

POWER BATTERY HIGH VOLTAGE WARNING SIGN

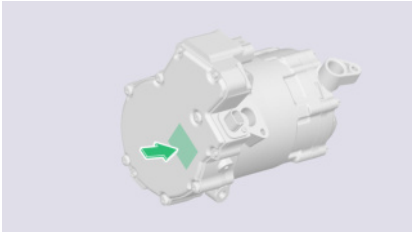


The power battery high voltage warning sign is located on the outside of the power battery pack.

NOTE

- There are various versions of the power battery. The figure shows one of them as an example. Please refer to the actual vehicle.

ELECTRIC COMPRESSOR HIGH-VOLTAGE WARNING LABEL

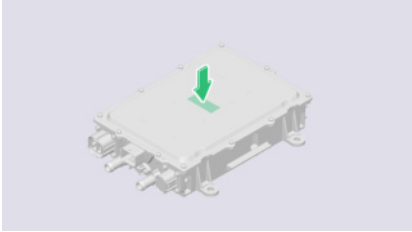


The electric compressor high-voltage warning label is located on the outside of the electric compressor.

NOTE

- There are various versions of the electric compressor. The figure shows one of them as an example. Please refer to the actual vehicle.

2-IN-1 POWER SUPPLY ASSEMBLY HIGH-VOLTAGE WARNING LABEL



The 2-in-1 power supply assembly high-voltage warning label is located on the outside of the 2-in-1 power supply assembly.

CHARGING WARNING LABEL



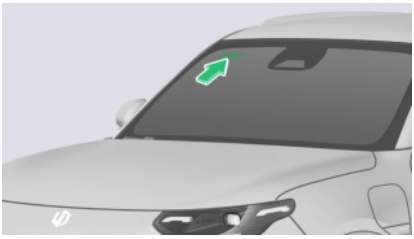
The charging warning label is located between the AC slow charging port and the DC fast charging port.

AIRBAG WARNING LABEL



The Airbag warning labels are located on the front passenger sun visor, one on the front and one on the back.

MICROWAVE WINDOW



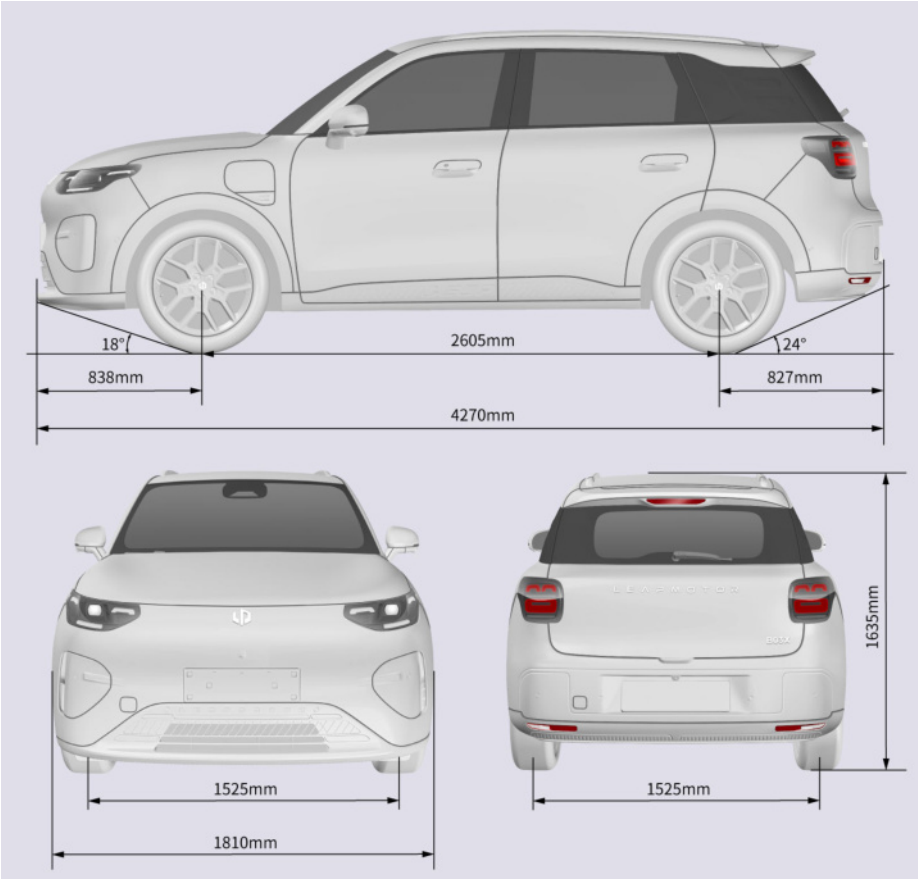
In order to ensure the installation and reading of automobile electronic identification, a microwave window is reserved on the right side of the front windscreen.

NOTE

- Do not overlap the electronic logo with the glass frame or other objects when pasting it.

TECHNICAL PARAMETERS

BASIC PARAMETERS OF COMPLETE VEHICLE



Project		Parameters	
Product model		B03X	
Overall dimensions (mm)	Length	4270	4270
	Width	1810	1810
	High	1635	1635
Wheel track (mm)	Front	1525	1525
	Rear	1525	1525
Wheelbase (mm)		2605	2605
Front/rear overhang (mm)		838/827	838/827
Kerb weight (kg)		1450	1550
Axle load (kerb weight) (kg)	Front	820	880
	Rear	630	670
Maximum allowable total mass (kg)		1920	2020
Maximum allowable front and rear axle load (kg)	Front	955	1010
	Rear	995	1040
Minimum ground clearance (mm)		175	175
Minimum turning diameter (m)		10.2	10.2
Maximum speed (km/h)		160	160
Maximum gradeability (%)		≥30	≥30
Approach angle (°) (no load)		18	18
Departure angle (°) (no load)		24	24
Number of axles/drive axle		2/First axle	2/First axle
Drive type		Front-engine, front-wheel drive layout	Front-engine, front-wheel drive layout
Rated passenger capacity (person)		5	5
Driving range under WLTC condition	km	301	401
	mile	187	249
Energy consumption under WLTC	kWh/100km	15.2	15.3
	kWh/62mile		

Note: Exterior rearview mirrors are not included in the vehicle dimensions.

TECHNICAL PARAMETERS OF POWER BATTERY

Item		Parameter	
Individual battery cell type		Lithium iron phosphate	Lithium iron phosphate
High-voltage battery assembly	Model	LP-PBP23H-AA	LP-PBP23J-AA
	Rated voltage (V)	331.8	363.4
	Rated capacity (Ah)	120	146
	Total power storage (kWh)	39.8	53
IP rating		IP67	IP67
Auxiliary power supply type		Lead-acid battery	Lead-acid battery
Auxiliary power supply voltage (V)		12	12

TECHNICAL PARAMETERS OF DRIVE MOTOR

Item	Parameter	
Motor model	TZ180QY023	TZ180QY017
Type of drive motor	Permanent magnet synchronous motor	Permanent magnet synchronous motor
Rated power (kW)	70	70
Rated speed (r/min)	7000	7000
Rated torque (N・m)	95.5	95.5
Peak power (kW)	130	145
Peak rotational speed (r/min)	17000	17000
Peak torque (N・m)	200	200

TECHNICAL PARAMETERS OF BRAKE SYSTEM

Item	Parameter
Front wheel brake type	Disk type
Rear wheel brake type	Disk type
Parking braking system type	EPB
Free stroke of brake pedal (mm)	≤10

Item		Parameter
Normal operating range of brake disc	Thickness of front brake disc (mm)	24
	Thickness of rear brake disc (mm)	10
Minimum operating thickness of brake disc	Thickness of front brake disc (mm)	22
	Thickness of rear brake disc (mm)	8
Normal operating range of brake pad	Front brake pad friction material thickness (mm)	8
	Rear brake pad friction material thickness (mm)	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
Tire specification	Front wheel	215/50R18
	Rear wheel	215/50R18
Standard tire pressure (kPa)	No load (front/rear)	250/250
	Full load (front/rear)	270/270
Requirements for dynamic balance of wheels		Unilateral ≤ 60g, bilateral difference ≤ 8g
Four-wheel alignment	Front wheel toe-in	6′±5′
	Front wheel camber angle	-30′±45′
	Front wheel kingpin caster angle	3.1°±45′
	Kingpin inclination angle of front wheel	11.99°±45′
	Rear wheel camber	-1.18°±30′
	Rear wheel toe-in	6′±20′

SEAT TECHNICAL PARAMETERS

Item		Parameter
Driver's seat	Seat forward/backward movement distance (a) (mm)	220/30
	Set seat backrest angle (a) (°)	25
	Seat backrest adjustable angle forward/backward (°)	30/34
	Seat up/down movement distance (mm)	40/20
Front passenger's seat	Seat forward/backward movement distance (a) (mm)	220/30
	Set seat backrest angle (a)	25
	Seat backrest adjustable angle forward/backward (°)	90/24
Rear seat	Rear seat forward/backward movement adjustment distance (mm)	Non-adjustable
	Set seat backrest angle (a) (°)	27

Item		Parameter
	Seat backrest adjustable angle forward/backward (°)	Non-adjustable, 60/40 split backrest can be folded down
	Upward/downward adjustable angle of seat cushion (°)	Non-adjustable, 60/40 split cushion can be folded up

(a) when measuring the seat cushion depth.

OTHER MAIN ASSEMBLY TECHNICAL PARAMETERS

Item		Parameter
Reducer	Type	Central reducer
Suspension	Front	McPherson independent suspension
	Rear	Torsion beam suspension
Steering gear	Type	Rack and pinion type
Steering column	Type	EPS

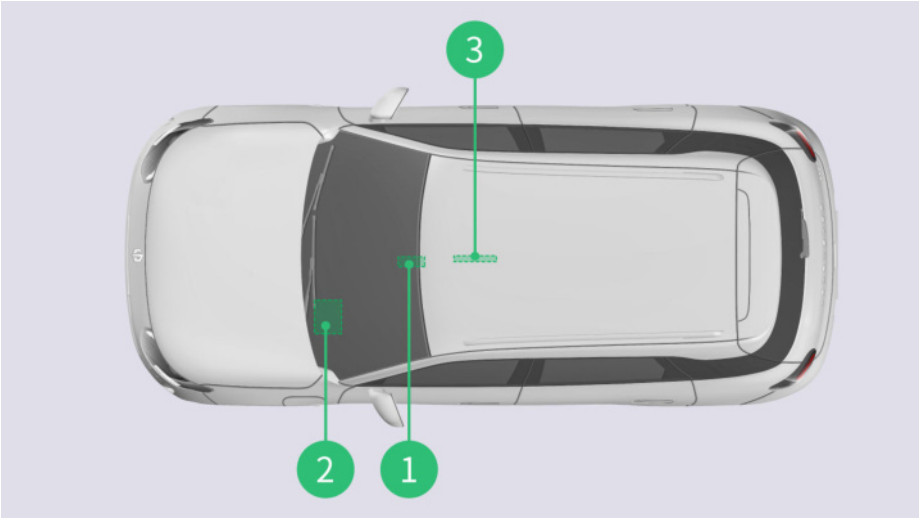
VEHICLE FILLING FLUID TYPES AND RECOMMENDED AMOUNTS

Item	Specification	Consumption
Coolant	OAT-40℃	6.2L±0.2L (T1 configuration)
		6.5L±0.2L (T2/T3 configuration)
Brake fluid	DOT 4; GB 12981 HZY4; FMVSS NO116 DOT4; ISO 4925 Class4	820mL
A/C refrigerant	Refer to the A/C system warning signs	
Reducer gear oil	Idemitsu LI-004C	1.45L±0.05 L
Windshield washer fluid	-30℃ ethanol washer fluid	1L

Notes:

- Please select coolant and washer fluid with appropriate freezing points according to the actual temperature of the vehicle environment to avoid damaging the vehicle.
- The above fluid amounts are recommended values. 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 Leapmotor's authorized dealers or authorized dealers.

RADIO TECHNICAL INFORMATION



Band MHz	Maximum output power W (peak RMS)	Equipment	Radio location
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
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

Band MHz	Maximum output power W (peak RMS)	Equipment	Radio location
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

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 B03X Model (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)**
X-DOMAIN CONTROLLER	1-Methyl-2-pyrrolidone (NMP)
X-DOMAIN CONTROLLER	Lead
X-DOMAIN CONTROLLER	Diboron trioxide
X-DOMAIN CONTROLLER	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
X-DOMAIN CONTROLLER	Lead monoxide (lead oxide)
X-DOMAIN CONTROLLER	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)
X-DOMAIN CONTROLLER	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone
POWER AMPLIFIER	Lead
POWER AMPLIFIER	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
TELEMATICS BOX	Lead
TELEMATICS BOX	Diboron trioxide
TELEMATICS BOX	4,4'-isopropylidenediphenol
TELEMATICS BOX	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
TELEMATICS BOX	Lead monoxide (lead oxide)
TELEMATICS BOX	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)

BAFFLE-A PILLAR FR INR LH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
BAFFLE-A PILLAR FR OTR	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
TRUNK LAMP	Lead
BAFFLE-C PILLAR OUTER	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
DAB ASSY	Lead
DAB ASSY	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
DMS CAMERA	Melamine
DMS CAMERA	Lead
DMS CAMERA	Diboron trioxide
DMS CAMERA	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
BRKT EVCC	Melamine
BRKT EVCC	Lead
BRKT EVCC	Lead monoxide (lead oxide)
ISOFIX ASSY	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
ISOFIX ASSY	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
ISOFIX ASSY	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
ISOFIX ASSY	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
THERMAL MANAGEMENT SYSTEM	Lead
DOOR WINDOW REGULATOR ASSY RR RH	Bis (2-ethylhexyl)phthalate (DEHP)
DOOR WINDOW REGULATOR ASSY FRT RH	Bis (2-ethylhexyl)phthalate (DEHP)
DOOR WINDOW REGULATOR ASSY RR LH	Bis (2-ethylhexyl)phthalate (DEHP)
DOOR WINDOW REGULATOR ASSY FRT LH	Bis (2-ethylhexyl)phthalate (DEHP)
CHECKER SYSTEM-DOOR RR	Boric acid
CHECKER SYSTEM-DOOR FR	Boric acid
AIRBAG CONTROL UNIT ASSY	Lead
AIRBAG CONTROL UNIT ASSY	Lead monoxide (lead oxide)
AIRBAG CONTROL UNIT ASSY	Lead titanium trioxide

TYRE REPAIR LIQUID	Dibutyl phthalate (DBP)
SUPER INTEGRATED MODULE	Lead
SUPER INTEGRATED MODULE	Diboron trioxide
SUPER INTEGRATED MODULE	Octamethylcyclotetrasiloxane
SUPER INTEGRATED MODULE	Decamethylcyclopentasiloxane
SUPER INTEGRATED MODULE	Dodecamethylcyclohexasiloxane
SUPER INTEGRATED MODULE	Bis(α,α-dimethylbenzyl) peroxide
SUPER INTEGRATED MODULE	4,4'-isopropylidenediphenol
SUPER INTEGRATED MODULE	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
SUPER INTEGRATED MODULE	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol
SUPER INTEGRATED MODULE	Cyclohexane-1,2-dicarboxylic anhydride
WHEEL ASSY	Lead
BOX ASSY CHARGE	Lead
INFLATOR ASSY	Lead
WASHER FLUID RESERVIOR AND PUMP ASSY	Lead
REVERING ULTRASONIC PROBE	Lead
REVERING ULTRASONIC PROBE	Diboron trioxide
REVERING ULTRASONIC PROBE	Octamethylcyclotetrasiloxane
REVERING ULTRASONIC PROBE	Decamethylcyclopentasiloxane
REVERING ULTRASONIC PROBE	Dodecamethylcyclohexasiloxane
REVERING ULTRASONIC PROBE	Lead monoxide (lead oxide)
REVERING ULTRASONIC PROBE	Orange lead (lead tetroxide)
REVERING ULTRASONIC PROBE	Lead titanium zirconium oxide
WATER OUTLET HOSE-LOW TEMPERATURE RADIATOR	Bis(α,α-dimethylbenzyl) peroxide
WATER INLET AND OUTLET HOSE ASSY-BATTERY PACK	Bis(α,α-dimethylbenzyl) peroxide
ELECTRIC COMPRESSOR ASSY	Lead
ELECTRIC COMPRESSOR ASSY	Bis(α,α-dimethylbenzyl) peroxide
ELECTRIC COMPRESSOR ASSY	2-methylimidazole
ELECTRICAL STEERING COLUMN WITH I-SHAFT ASSY	Lead

ELECTRICAL STEERING COLUMN WITH I-SHAFT ASSY	Diboron trioxide
ELECTRICAL STEERING COLUMN WITH I-SHAFT ASSY	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
ELECTRIC DRIVE ASSY	1-Methyl-2-pyrrolidone (NMP)
ELECTRIC DRIVE ASSY	Lead
ELECTRIC DRIVE ASSY	N,N-dimethylacetamide
ELECTRIC DRIVE ASSY	Octamethylcyclotetrasiloxane
ELECTRIC DRIVE ASSY	Bis(α,α-dimethylbenzyl) peroxide
ELECTRIC DRIVE ASSY	4,4'-isopropylidenediphenol
ELECTRIC DRIVE ASSY	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
ELECTRIC DRIVE ASSY	Lead monoxide (lead oxide)
ELECTRIC DRIVE ASSY	Boric acid
ELECTRIC DRIVE ASSY	Lead titanium trioxide
ELECTRICAL ACCELERATE PEDAL ASSY	Melamine
ELECTRICAL ACCELERATE PEDAL ASSY	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
CEILING SWITCH ASSEMBLY	2-ethoxyethyl acetate
BATTERY PACK ASSY	Melamine
BATTERY PACK ASSY	Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate
BATTERY PACK ASSY	1-Methyl-2-pyrrolidone (NMP)
BATTERY PACK ASSY	Lead
BATTERY PACK ASSY	Diboron trioxide
BATTERY PACK ASSY	diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide
BATTERY PACK ASSY	N,N-dimethylacetamide
BATTERY PACK ASSY	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
BATTERY PACK ASSY	Octamethylcyclotetrasiloxane
BATTERY PACK ASSY	Decamethylcyclopentasiloxane
BATTERY PACK ASSY	Dodecamethylcyclohexasiloxane
BATTERY PACK ASSY	Bis(α,α-dimethylbenzyl) peroxide
BATTERY PACK ASSY	4,4'-isopropylidenediphenol

BATTERY PACK ASSY	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
POWER ASSY TWO-IN-ONE	Melamine
POWER ASSY TWO-IN-ONE	Lead
POWER ASSY TWO-IN-ONE	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
AIRBAG ASSY-PASSENGER	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
AIRBAG ASSY-PASSENGER	1, 2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)
CHMSL(CENTER HIGH MOUNTED STOP LAMP)	Lead
CHMSL(CENTER HIGH MOUNTED STOP LAMP)	Octamethylcyclotetrasiloxane
USB CHARGE RR	Lead
USB CHARGE RR	Diboron trioxide
USB CHARGE RR	Lead monoxide (lead oxide)
SEAT BUCKLE ASSY-RH RR	Diboron trioxide
BACK ASSY RR RH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
BACK ASSY RR RH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
BACK ASSY RR RH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
BACK ASSY RR RH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
BACK ASSY RR RH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
BACK ASSY RR RH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
CUSHION ASSY RR RH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
CUSHION ASSY RR RH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
CUSHION ASSY RR RH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
CUSHION ASSY RR RH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
SEAT BUCKLE ASSY-LH RR	Diboron trioxide

BACK ASSY RR LH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
BACK ASSY RR LH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
BACK ASSY RR LH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
CUSHION ASSY RR LH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
CUSHION ASSY RR LH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
CUSHION ASSY RR LH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
CUSHION ASSY RR LH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
WIRING HARNESS ASSY-FRONT CABIN	Lead
WIRING HARNESS ASSY-FRONT CABIN	Octamethylcyclotetrasiloxane
MECHANICAL STEERING GEAR WITH TIE ROD ASSY	Lead
AC CHARGING PLUG	Lead
AC CHARGING PLUG	Diboron trioxide
AC CHARGING PLUG	4,4'-isopropylidenediphenol
AC CHARGING PLUG	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
AC CHARGING PLUG	Triphenyl phosphate
WIRING HARNESS ASSY-DC/AC CHARGING	Lead
WIRING HARNESS ASSY-DC/AC CHARGING	Diboron trioxide
WIRING HARNESS ASSY-DC/AC CHARGING	Bis(α,α-dimethylbenzyl) peroxide
WIRING HARNESS ASSY-DC/AC CHARGING	Lead titanium trioxide
BLIND SPOT MONITORING RADAR	Lead
BLIND SPOT MONITORING RADAR	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
BLIND SPOT MONITORING RADAR	Lead monoxide (lead oxide)
BLIND SPOT MONITORING RADAR	Boric acid
BLIND SPOT MONITORING RADAR	Hexahydromethylphthalic anhydride
INTERIOR REARVIEW MIRROR ASSY	Cobalt dichloride
LICENSE PLATE LAMP	Lead
LICENSE PLATE LAMP	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol

LICENSE PLATE LAMP	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
LICENSE PLATE LAMP	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)
IMPACT SENSOR ASSY	Lead
WATER INLET HOSE-FRT MOTOR	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
LATCH-FRT HOOD	Melamine
LINK ASSY ARB FRT	Bis(α,α-dimethylbenzyl) peroxide
AROUND VIEW CAMERA-FRT	Lead
AROUND VIEW CAMERA-FRT	Diboron trioxide
HUB BEARING ASSY FRT	Lead
WATERPROOF-FILM FRT DOOR FR	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
WATERPROOF-FILM FRT DOOR FR	Bis(α,α-dimethylbenzyl) peroxide
USB HUB FR	Lead
USB HUB FR	Diboron trioxide
USB HUB FR	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
USB HUB FR	Lead monoxide (lead oxide)
USB HUB FR	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)
FORWARD COLLISION AVOIDANCE RADAR	Lead
FORWARD COLLISION AVOIDANCE RADAR	Lead monoxide (lead oxide)
FORWARD COLLISION AVOIDANCE RADAR	Lead titanium trioxide
CONTROL ARM ASSY-FRT LWR SUSPENSION FRT RH	Boric acid
CONTROL ARM ASSY-FRT LWR SUSPENSION FRT LH	Boric acid
SPOILER ASSY	Diboron trioxide
SPOILER ASSY	Diboron trioxide
SPOILER ASSY	Diboron trioxide
SPOILER ASSY	Diboron trioxide
SPOILER ASSY	Diboron trioxide
VITAL SIGNS DETECTION RADAR	Lead

VITAL SIGNS DETECTION RADAR	4,4'-isopropylidenediphenol
VITAL SIGNS DETECTION RADAR	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
TAILGATE LATCH	Lead
TAILGATE LATCH	Diboron trioxide
WIRELESS CHARGING MODULE	Lead
WIRELESS CHARGING MODULE	Lead monoxide (lead oxide)
TRUNK LAMP	Lead
TRUNK LAMP	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
TRUNK LAMP	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
TRUNK LAMP	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)
BATTERY ASSY	Lead
PRESSURE SENSOR ASSY	Lead
PRESSURE SENSOR ASSY	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
COMPRESSOR LOW PRESSURE PIPE	Lead
COMPRESSOR LOW PRESSURE PIPE	Formamide
COMPRESSOR LOW PRESSURE PIPE 1	Lead
COMPRESSOR LOW PRESSURE PIPE 1	Formamide
COMPRESSOR HIGHT PRESSURE PIPE	Lead
COMPRESSOR HIGHT PRESSURE PIPE	Formamide
IP BODY& ACCESSORIES ASSY	Lead
IP BODY& ACCESSORIES ASSY	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
IP BODY& ACCESSORIES ASSY	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)
INSTRUMENT DISPLAY	1-Methyl-2-pyrrolidone (NMP)
INSTRUMENT DISPLAY	Lead
INSTRUMENT DISPLAY	Diboron trioxide
INSTRUMENT DISPLAY	Bis(α,α-dimethylbenzyl) peroxide
INSTRUMENT DISPLAY	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
INSTRUMENT DISPLAY	Lead monoxide (lead oxide)

INSTRUMENT DISPLAY	Boric acid
WIRING HARNESS ASSY-INSTRUMENT PANEL	Lead
MIC ACTIVE DUAL	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
BAFFLE-B PILLAR LWR OTR RH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
BAFFLE-B PILLAR LWR OTR RH 1	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
REINF PNL ASSY-UPR C PILLAR RH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
CHANNEL ASSY-RR DOOR RR RH	Lead
DOOR TRIM PANE ASSY RR RH	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
DOOR TRIM PANE ASSY RR RH	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)
DOOR TRIM PANE ASSY RR RH	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
DOOR TRIM PANE ASSY RR RH	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)
DOOR TRIM PANE ASSY RR RH	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
DOOR TRIM PANE ASSY RR RH	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)
LATCH-RR DOOR RH	Octamethylcyclotetrasiloxane
HANDLE-RR OTR DOOR RH	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)
BRAKE CALIPER RR RH	Lead
BRAKE CALIPER RR RH	Bis(α,α-dimethylbenzyl) peroxide
BRAKE CALIPER RR RH	4-tert-butylphenol
REAR LAMP RH(BODY)	Lead
REAR LAMP RH(BODY)	diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide
REAR LAMP RH(BODY)	Bis(α,α-dimethylbenzyl) peroxide
REAR LAMP RH(BODY)	Lead monoxide (lead oxide)
REAR LAMP RH(BODY)	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)
STRUT ASSY-FRT RH	Boric acid
DOOR TRIM PANE ASSY FRT RH	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol

DOOR TRIM PANE ASSY FRT RH	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)
DOOR TRIM PANE ASSY FRT RH	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
DOOR TRIM PANE ASSY FRT RH	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)
DOOR TRIM PANE ASSY FRT RH	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
DOOR TRIM PANE ASSY FRT RH	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)
LATCH-FRT DOOR RH	Octamethylcyclotetrasiloxane
HANDLE-FRT OTR DOOR RH	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)
HALFSHAFT ASSY-FRT RH	1-Methyl-2-pyrrolidone (NMP)
HEADLAMP RH	Lead
HEADLAMP RH	Diboron trioxide
HEADLAMP RH	Bis(α,α-dimethylbenzyl) peroxide
HEADLAMP RH	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
HEADLAMP RH	Cyclohexane-1,2-dicarboxylic anhydride
HEADLAMP RH	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)
SEAT ASSY FRT RH	Melamine
SEAT ASSY FRT RH	Lead
SEAT ASSY FRT RH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
SEAT ASSY FRT RH	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
EXTERIOR REARVIEW MIRROR ASSY RH	Lead
EXTERIOR REARVIEW MIRROR ASSY RH	Diboron trioxide
EXTERIOR REARVIEW MIRROR ASSY RH	Octamethylcyclotetrasiloxane
EXTERIOR REARVIEW MIRROR ASSY RH	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
EXTERIOR REARVIEW MIRROR ASSY RH	Lead monoxide (lead oxide)
EXTERIOR REARVIEW MIRROR ASSY RH	Benzo[ghi]perylene
SUN VISOR ASSY RH	Phenol, 4-nonyl-, branched
RAIN & LIGHT SENSOR	Lead
RAIN & LIGHT SENSOR	Diboron trioxide

RAIN & LIGHT SENSOR	Lead monoxide (lead oxide)
INTELLIGENT INTEGRATED BRAKING SYSTEM	Lead
INTELLIGENT INTEGRATED BRAKING SYSTEM	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
INTELLIGENT INTEGRATED BRAKING SYSTEM	Bis(α,α-dimethylbenzyl) peroxide
INTELLIGENT INTEGRATED BRAKING SYSTEM	Lead monoxide (lead oxide)
INTELLIGENT INTEGRATED BRAKING SYSTEM	Cobalt(II) dinitrate
CENTRAL DISPALY	Lead
CENTRAL DISPALY	Diboron trioxide
CENTRAL DISPALY	diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide
CENTRAL DISPALY	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
CENTRAL DISPALY	Lead monoxide (lead oxide)
CENTRAL DISPALY	Cyclohexane-1,2-dicarboxylic anhydride
CENTRAL DISPALY	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)
CENTRAL DISPALY	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone
AUTO HVAC ASSY	Diboron trioxide
AUTO HVAC ASSY	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
AUTO HVAC ASSY	Lead monoxide (lead oxide)
COMBINATION SWITCH	Lead
COMBINATION SWITCH	Diboron trioxide
COMBINATION SWITCH	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
COMBINATION SWITCH	Lead monoxide (lead oxide)
COMBINATION SWITCH	Lead titanium trioxide
COMBINATION SWITCH	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)
BAFFLE-A PILLAR LWR OTR 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)
REINF ASSY-C PILLAR UPR LH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)

BAFFLE-WHEEL HOUSING RR INR LH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
CHANNEL ASSY-RR DOOR RR LH	Lead
DOOR TRIM PANE ASSY RR LH	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
DOOR TRIM PANE ASSY RR LH	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)
DOOR TRIM PANE ASSY RR LH	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
DOOR TRIM PANE ASSY RR LH	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)
DOOR TRIM PANE ASSY RR LH	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
DOOR TRIM PANE ASSY RR LH	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)
LATCH-RR DOOR LH	Octamethylcyclotetrasiloxane
HANDLE-RR OTR DOOR LH	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)
BRAKE CALIPER RR LH	Lead
BRAKE CALIPER RR LH	Bis(α,α-dimethylbenzyl) peroxide
BRAKE CALIPER RR LH	4-tert-butylphenol
REAR LAMP LH(BODY)	Lead
REAR LAMP LH(BODY)	diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide
REAR LAMP LH(BODY)	Bis(α,α-dimethylbenzyl) peroxide
REAR LAMP LH(BODY)	Lead monoxide (lead oxide)
REAR LAMP LH(BODY)	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)
STRUT ASSY-FRT LH	Boric acid
DOOR TRIM PANEL ASSY FRT LH	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
DOOR TRIM PANEL ASSY FRT LH	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)
DOOR TRIM PANEL ASSY FRT LH	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
DOOR TRIM PANEL ASSY FRT LH	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)
DOOR TRIM PANEL ASSY FRT LH	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
DOOR TRIM PANEL ASSY FRT LH	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)

LATCH-FRT DOOR LH	Octamethylcyclotetrasiloxane
HANDLE-FRT OTR DOOR LH	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)
HALFSHAFT ASSY-FRT LH	1-Methyl-2-pyrrolidone (NMP)
HEADLAMP LH	Lead
HEADLAMP LH	Diboron trioxide
HEADLAMP LH	Bis(α,α-dimethylbenzyl) peroxide
HEADLAMP LH	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
HEADLAMP LH	Cyclohexane-1,2-dicarboxylic anhydride
HEADLAMP LH	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)
SEAT ASSY FRT LH	Melamine
SEAT ASSY FRT LH	Lead
SEAT ASSY FRT LH	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)
SEAT ASSY FRT LH	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
EXTERIOR REARVIEW MIRROR ASSY LH	Lead
EXTERIOR REARVIEW MIRROR ASSY LH	Diboron trioxide
EXTERIOR REARVIEW MIRROR ASSY LH	Octamethylcyclotetrasiloxane
EXTERIOR REARVIEW MIRROR ASSY LH	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol
EXTERIOR REARVIEW MIRROR ASSY LH	Lead monoxide (lead oxide)
EXTERIOR REARVIEW MIRROR ASSY LH	Benzo[ghi]perylene
SUN VISOR ASSY LH	Phenol, 4-nonyl-, branched
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