Dear New VOYAH FREE owner:

Thanks your trust and support to choose VOYAH medium-to-large, high-intelligence, electric SUV!

Using the vehicle correctly and rationally can not only bring you full driving pleasure, but also prolong the life of the vehicle. Therefore, please read this manual carefully before using the vehicle.

The information provided in this manual plays a very important guiding role in ensuring your driving safety, so please be sure to abide by it.

This manual only contains the latest commonly used vehicle information as of the time of printing. With the continuous upgrading of vehicle software, equipment, and technology, the content of the manual may differ slightly from the latest state of the vehicle. For more comprehensive and accurate "User Manual", please visit the official website of VOYAH (https://www.voyah.com.cn) or obtain and search through the VOYAH APP.

The actual equipment, configuration, functions, etc. of the vehicle you purchased may be different from the descriptions and illustrations in this manual.

The User Manual is an integral part of the vehicle and shall be carried therewith. When selling or lending the vehicle, please forward this manual to the new owner.

For supplementary information on the vehicle, please refer to other manuals supplied with the vehicle.

If you have any questions or suggestions while using the vehicle, please feel free to call the VOYAH Customer Service Center.

24-hour service hotline: 400-888-8488

E-Call hotline: 400-888-8500

VOYAH sincerely wishes you a happy ride!

You can scan the QR code below using mobile phone to search for more information!

Notes to users

- Safety precautions for the use of the vehicle are explained by the safety labels on the vehicle and the safety tips in this manual. Safety tips are explained by the symbols and text in this manual.

WARNING ● Failure to comply may result in death or injury or serious damage to the vehicle.

CAUTION ● Failure to comply may result in injury or damage to the vehicle.

NOTE ● Tips for better use and maintenance of your vehicle.

- Functions/configurations in this manual marked with "*" are only applicable to some models.
- Unless otherwise stated, the directions of the vehicle (front, rear, left and right) in this manual are subject to the forward direction of the vehicle.
- Before driving, please check whether the following items meet the driving safety requirements:

● Surrounding environment and tire condition ● Seat and head restraint positions ● Brake pedal status

● Seat belt status ● Steering wheel position ● Angle of interior and exterior rearview mirrors

● Lighting and adjustment functions ● Wiper and washer functions ● Range

- Occupants shall wear seat belts properly and maintain a correct sitting posture to ensure safety and comfort.
- When the vehicle is running, if any MIL on the instrument cluster is illuminated or there is a fault text prompt, the driver shall stop the vehicle safely as soon as possible for inspection, and contact the authorized VOYAH Service Center (including the Full Function User Center, Delivery Service Center and Authorized User Service (Sheet Metal Painting) Center).
- The driver shall strictly abide by the road traffic laws and drive the vehicle safely.
- When the range extender is in operation, it shall be ensured that the vehicle is in a well ventilated environment.
- Before leaving the vehicle, the driver shall ensure that the gear is in P position and confirm that the parking brake is applied and the EPB indicator is on.
- Please be sure to carry out regular vehicle service and maintenance in accordance with the *Quality Assurance and Maintenance Manual*.
- Do not modify the vehicle without authorization. Equipment or premium accessories that are not modified, added or installed by the VOYAH authorized service center may damage the vehicle's electrical system and other related equipment, and may result in vehicle damage or safety hazards. For safety reasons, if modification is required, please contact the VOYAH authorized service center.
- Please read this manual carefully before using the vehicle, and strictly follow the operation methods described in this manual during the use of the vehicle. VOYAH will not be responsible for the loss caused by improper use of the vehicle.
- Improper disposal of waste high voltage batteries, batteries, waste oil, coolant, etc. can harm the environment. Please comply with relevant laws and regulations or contact the VOYAH authorized service center for disposal.
- For the maintenance, repair, removal&refitting, recycling or disposal of the high voltage battery, please contact the VOYAH authorized service center.
- When the high voltage battery needs to be replaced or scrapped, please contact the VOYAH authorized service center. If the high voltage battery is not disposed of properly, it may cause serious injury or even death. Unauthorized removal, dismantling or random discarding of the high voltage battery will cause pollution to the environment, and the person involved shall be held responsible for the resulting environmental pollution or safety accident.
- The vehicle is equipped with an event data recorder system (abbreviated as EDR system). Depending on the type and severity of the collision, the EDR system may record information such as the position of the brake pedal/accelerator pedal for dynamic stability control and safety systems, the vehicle speed, the longitudinal acceleration of the vehicle, etc. during the collision for restoring the state of the vehicle at the time of the accident to assist in the analysis. Special technical equipment is required to read EDR data. To read EDR data or for more information, please contact the VOYAH authorized service center.

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Common function index

Exterior

① Smart key

② Luggage rack

③ Panoramic moonroof *

- Intelligent dimmable panoramic moonroof

Panoramic sunroof *

- Rain sensing
- Automatic sunroof, electric sunshade
- Automatic anti-pinch

④ L2+ advanced intellidrive assist system

⑤ Front wiper

⑥ Right front position lamp

⑦ Left front position lamp

⑧ Front towing pad

⑨ LED headlamp

- Automatic lighting/automatic headlamp leveling
- Courtesy lighting
- Automatic follow-me-home
- Automatic adjustment of high/low beam
- Intelligent high beam control (IHBC)

⑩ Wheel

- Silent tire
- Direct tire pressure monitoring

⑪ Air suspension

⑫ Filler cap

① Electric exterior rearview mirror

- Electric folding and heating
- Automatic folding and memory when locking vehicle
- Auxiliary parking with camera

② Flush door handle

- Automatic deployment while unlocking door
- Automatic retraction while locking door

③ Front door window

- Double glazing soundproof glass

④ Rear door window

- Privacy tempered glass

⑤ LED tail lamp

⑥ Shark fin antenna

⑦ High-mounted stop lamp

⑧ POT switch

- Induction POT
- Trunk retractable curtain

⑨ Rear wiper

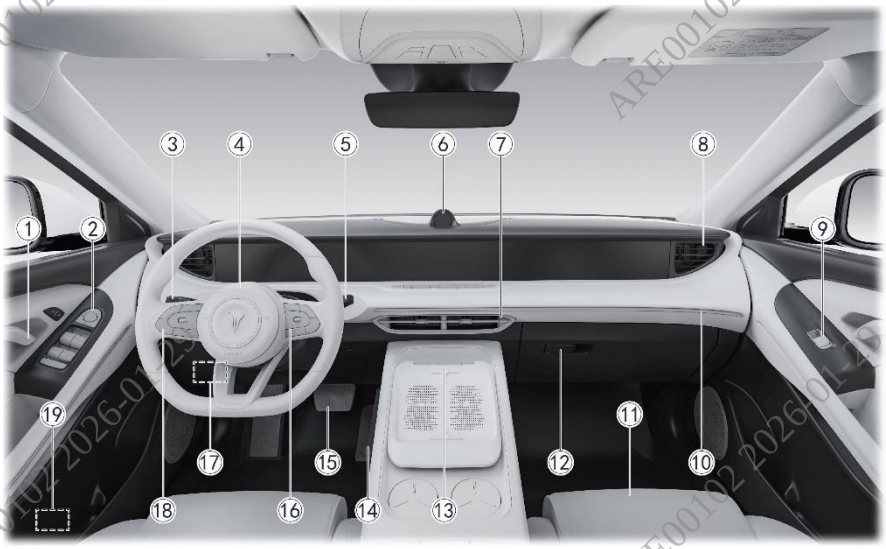
⑩ LED rear fog lamp

⑪ POT

⑫ Rear towing pad

⑬ Charging port cover

Interior



① **Door inside handle**

② **Driver side exterior rearview mirror and window buttons**

③ **Light and wiper control lever**

④ **Microfiber steering wheel with airbag**

⑤ **Shift lever (column shift)**

⑥ **Intelligent in-vehicle infrared camera**

⑦ **Front center air outlet**

⑧ **Front side air outlet**

⑨ **Front passenger side window buttons**

⑩ **Multi-color ambient lamp**

⑪ **Front 12-way power seat**

⑫ **Glove box**

⑬ **Console area**

- AVM button
- APA button
- Driving mode switching button
- Screen elevating/lowering button
- Mobile phone wireless charging

⑭ **Accelerator pedal**

⑮ **Brake pedal**

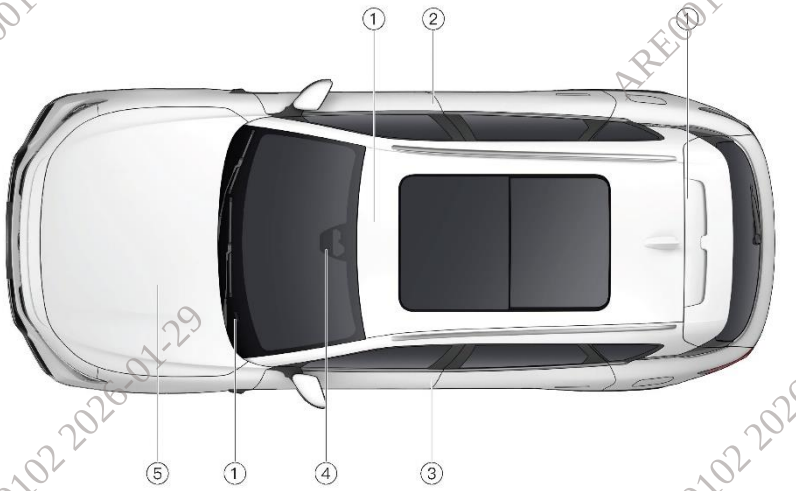
⑯ **Right audio and video zone**

⑰ **Engine hood switch**

⑱ **Left driving function zone**

⑲ **Driver side POT switch**

Vehicle identification



① Vehicle identification number (VIN)

- On the lower left of the windshield
- On the inner upper part of the POT
- On the front cross member of the passenger seat

You can also read the vehicle identification number (VIN) with a scan tool that matches the vehicle. The OBD is located under the left side of the lower steering column shield.

② Vehicle manufacturer's nameplate

- Located on the B-pillar of the front passenger door

③ Tire label

This label is affixed to the B-pillar on the driver door and contains the following information:

- Tire pressure at no-load and full-load
- Tire dimensions
- ECO environmentally friendly and economical tire pressure

④ Microwave window

- In order to ensure the installation and reading of automotive electronic signs, a microwave window is reserved at the front windshield of the vehicle.

CAUTION

- When pasting the electronic sign, do not overlap it with the glass frame or other objects.

⑤ Range extender number

- On the range extender cylinder block

Instrument cluster indicator lamp

Position	Icon	Description
Zone A		LDW&LKA indicator (ready/activated)
Zone A		Low brake fluid level indicator/power steering system MIL
Zone A		Low oil pressure indicator lamp
Zone A		High range extender coolant temperature indicator
Zone A		High voltage battery overheating indicator
Zone A		Motor and controller overheating indicator
Zone B		Exterior lamp burnout indicator
Zone B		Electric power steering (EPS) MIL
Zone B		Automatic emergency braking (AEB) OFF indicator
Zone B		Forward collision warning (FCW)/automatic emergency braking (AEB) MIL
Zone B		Advanced driving assist system (ADAS) MIL
Zone B		Tire pressure MIL
Zone B		VSP OFF indicator
Zone B		Please depress the brake indicator
Zone B		Air suspension system indicator (deactivated, faulty)
Zone B		Air suspension stroke indicator (rising/falling)
Zone B		Hill decent control (HDC) indicator (remain on - turned on/flashing - activated)
Zone B		Hill decent control (HDC) MIL
Zone B		Electronic stability control (ESC) indicator (remain on - faulty/flashing - working)
Zone B		Electronic stability control (ESC) OFF indicator
Zone B	ETC	Electronic toll collection (ETC) indicator*

Position	Icon	Description
Zone B		Anti-lock braking system (ABS) MIL
Zone B		Electronic brake force distribution (EBD) MIL
Zone B		Power limited indicator
Zone B		Range extender emission MIL
Zone B		Gasoline particulate filter (GPF) MIL
Zone B		Corner radar indicator (front/rear)
Zone B		Charging connection indicator
Zone B		Left turn signal indicator
Zone B		Position lamp indicator
Zone B		Low beam indicator
Zone B		Intelligent high beam control (IHBC) indicator
Zone B		High beam indicator
Zone B		Rear fog lamp indicator
Zone B		Seat belt reminder indicator
Zone B		AutoHold indicator (ready, activated)
Zone B		EPB indicator
Zone B		EPB MIL
Zone B		Right turn signal indicator
Zone B		Warning indicator
Zone B		Traffic sign recognition (TSR) indicator (no overtaking sign)
Zone B		ACC indicator (ready/activated)
Zone B		ICA indicator (ready/ activated)
Zone C		Airbag MIL
Zone C		Low lead-acid battery/DC-DC fault alarm/low-voltage battery low voltage indicator
Zone C		High voltage battery MIL (minor/major)
Zone C		Drive motor MIL (minor/major)
Zone C		Power system MIL (minor/major)
Others		High voltage battery SOC indicator
Others		Fuel level indicator
Others	READY	Vehicle ready indicator
Others	REV EV	REV/EV indicator

Driving safety

Precautions

Precautions before driving

For driving safety, be sure to check the following before driving:

- Surrounding environment and tire condition.
- Seat and head restraint positions.
- Brake pedal status.
- Seat belt status.
- Steering wheel position.
- Angle of interior and exterior rearview mirrors.
- Lighting and adjustment functions.
- Wiper and washer functions.
- Range.

CAUTION

- When pasting the electronic sign, do not overlap it with the glass frame or other objects.

NOTICE

- To install the floor mat, observe the following precautions:
- Do not overlap multiple floor mats.
- Do not use floor mats that do not match this model.

Inspection after vehicle start/during driving

- Check whether the display of the instrument cluster is normal, whether there is a MIL on or an alarm message prompt, etc.
- Check whether the control switch (such as light and wiper control lever, etc.) is operating normally.
- Check whether the braking system is normal while ensuring safety.
- Check whether the parts are loose and leaking, whether there is abnormal noise.

Precautions for different road conditions

- When driving a vehicle, in the following cases, please reduce the speed in time and drive with caution:
- Severe weather such as rain and snow.
- Uneven road.
- Steep slope.
- Slippery road.

Fire prevention

To prevent vehicle fire, pay attention to the following:

- It is strictly forbidden to store inflammable and explosive materials in the car.
- Cars shall be equipped with fire extinguishers, which shall be checked and replaced regularly.
- It is strictly forbidden to use an inverter to obtain power from the 12V power interface.
- When driving and parking the vehicle, keep away from flammable materials (such as hay, dead branches, leaves, etc.).
- Watch out for rat and ants, which can damage the vehicle harness and cause a fire.

Precautions for driving through flooded road section

- Before passing through the flooded road section, the depth of standing water must be ascertained, which shall not exceed the center of the wheel. Vehicles with air suspension shall have the body set to the highest possible position.
- When driving through water, the braking effect of the vehicle will be slightly worse than that in the normal state. Please reduce the vehicle speed and pass through the flooded road section at a constant speed. - After passing through the flooded road section, lightly depress the brake pedal several times in succession to restore normal braking performance.
- Do not adjust the suspension height when driving in water.
- Do not park your vehicle on flooded roads.

WARNING

- The vehicle is equipped with the high voltage battery, which is located under the vehicle chassis. When the vehicle passes through a road with standing water, the depth of the standing water shall not exceed the center of the wheel.

Precautions for driving in winter

- Indoor parking spaces are preferred when parking.
- De-icer or glycerin can be applied to the surface of the door handle to prevent icing.
- Remove ice and snow on the vehicle surface in time to prevent abnormal vehicle function.
- The low temperature environment will affect the performance of the high voltage battery. In order to ensure better performance, the vehicle can be charged in advance before use. In this case, the high voltage battery temperature control system will activate the battery heating function.
- Use windshield washer fluid and coolant suitable for local temperature conditions and check regularly.
- In snowy weather, it is recommended to bring necessary emergency items: such as snow chains, snow shovels, sandbags or salt, window scrapers, jumper cables, signal flashing devices.

WARNING

- If the vehicle is parked for a long time, please charge the high voltage battery in time to avoid over-discharge of the high voltage battery, which may cause damage to the high voltage battery.

Snow chain

To drive on icy and snowy roads, the tire chains shall be installed on rear wheels in pairs to ensure driving safety. When driving with tire chains installed, keep a sufficient safety distance from the preceding vehicle, and do not depress the brake pedal suddenly.

WARNING

- The size and type of tire chains shall be consistent with the tire size, otherwise it will affect the safety and handling of the vehicle.
- Do not switch to PERF mode after the tire chains are installed.
- When driving with tire chains installed, do not exceed the speed limit for tire chains.
- Improper use of tire chains can damage tires and road surfaces.

Vehicle entry and anti-theft

Keyed entry

🔓: Press the smart key or Bluetooth unlock button to unlock the door. At this time, the exterior rearview mirrors and flush door handles are automatically deployed, and the turn signal lamp flashes twice to indicate that the door has been unlocked.

🔒: Press the smart key or Bluetooth lock button to lock the door. At this time, the exterior rearview mirrors are automatically folded, the flush door handles are automatically retracted, the turn signal lamp flashes once, and the horn sounds once to indicate that the door is locked.

NOTICE

- After the vehicle enters READY mode, the smart key or Bluetooth key will not work on the doors.
- The vehicle will not lock if either of the doors or the POT is not closed. In this case, the horn will beep twice, and the turn signal lamp will flash three times to indicate that the vehicle is not locked.
- Only with the Bluetooth connection established between the mobile phone and the vehicle, and the valid Bluetooth key authentication completed, can the Bluetooth key be recognized as legitimate.
- When the vehicle is parked too close to the smart key/Bluetooth key, the vehicle may lose power due to frequent wake-up, which shall be avoided.

Keyless entry

Walk-in unlocking

When you approach the vehicle with the smart key or Bluetooth key, the door will be automatically unlocked, the left and right turn signal lamps will flash twice, and the exterior rearview mirrors and flush door handles will be automatically deployed.

Walk-away locking

Close all the doors, walk away from the vehicle with the smart key or Bluetooth key, and the doors will be locked automatically, the turn signal lamps will flash once, the horn will sound once, the exterior rearview mirrors will fold automatically, and the flush door handles will retract automatically.

CAUTION

- Open the driver door, and the vehicle will exit READY state. After the door is locked, the vehicle will be automatically powered off.
- When leaving the car, please carry the smart key or Bluetooth key with you and do not leave it in the car.
- Leaving the vehicle does not automatically lock the vehicle when the door or POT is not fully closed.
- Keyless entry function can be set on the CSD❯❯Car❯❯Door and Window interface.
- After the vehicle is unlocked and the doors are open, the vehicle will be powered on automatically and the IVI triple screen will light up automatically

Keyless entry of POT

When approaching the vehicle with the smart key or Bluetooth key, press the POT switch, and the POT can be opened.

NOTICE

- When the smart key is within the unlocking range of the vehicle, please pay attention to theft prevention.

Vehicle anti-theft

After the vehicle is locked, illegally opening the door forcibly will trigger the vehicle anti-theft system , and the turn signal lamps will flash for 30 seconds.

CAUTION

- When the vehicle anti-theft alarm system is triggered, you can check the prompt information through mobile SMS or VOYAH APP message push (with the APP in login status and message push permission enabled).
- In case of false triggering of the vehicle anti-theft alarm system, you can release the alarm by pressing the unlock or lock button of the Bluetooth key or remote control key to prevent noise pollution caused by long-term alarms.

WARNING

- It is strictly forbidden to install or modify the vehicle anti-theft alarm system and its components, otherwise it may cause the vehicle anti-theft alarm system to fail.

Seat belt

Function of seat belt

① Shoulder webbing
② Waist webbing
③ Seat belt tongue
④ Seat belt buckle

When the vehicle brakes in an emergency or collides, the seat belt can restrain the driver and occupant on the seat, preventing them from having a secondary collision with other components in the vehicle, and ensuring that the driver and occupants can be effectively protected by the airbag.

In the event of a vehicle collision, the driver and occupant who are not wearing seat belts may be thrown out of the vehicle and injured due to inertia. Even if the vehicle speed is very low, the force acting on human body during a collision is very large, and a secondary collision is very likely to occur.

Rear seat occupants must also wear seat belts correctly, otherwise they may be thrown out of the vehicle in the event of an accident. If any occupant on rear seat is not wearing a seat belt, the safety of this occupant and other occupants in the vehicle will be threatened.

⚠WARNING

- All occupants, including pregnant women, shall wear seat belts correctly when the vehicle is traveling.
- Please select and use an appropriate child seat for child occupants.

Proper wearing of seat belt

Fastening seat belt

1. Pull out the seat belt slowly and evenly, and be careful not to let it tangle;
2. Insert the seat belt tongue into the corresponding seat belt buckle until a "click" sound is heard;
3. Pull the webbing to check whether the connection between the buckle and the tongue is normal;
4. The webbing at the abdomen shall be fixed downwards as close to the hip as possible and be tight;
5. The shoulder webbing shall cross the chest diagonally from the shoulder rather than from under the arms or behind the neck. Tighten the seat belt and tug the slack part.

Adjustment of seat belt height

The vehicle is equipped with a front seat belt height adjuster. Occupants can choose the appropriate height according to their own needs, but they need to ensure that the seat belt is in a suitable wearing position.

Move up: Push the height adjuster upward and adjust the shoulder belt to an appropriate height as required.
Move down: Press the release button of the height adjuster and move it downward, adjust the shoulder belt to an appropriate height as needed, and then release the release button. When you hear a "click" sound, it means the adjuster is locked. Without pressing the button, try to move the height adjuster downward to check whether the adjuster is locked in place.

Unfasten seat belt

1. Hold the seat belt part next to the tongue to prevent the seat belt from being retracted too quickly;

2. Press the red button at the seat belt buckle, take out the tongue, and the seat belt will be automatically retracted into the retractor.

Seat belt reminder

When the vehicle is running, if the front occupants do not wear seat belts, the corresponding seat belt reminder indicator in the IC will light up with a warning sound until the seat belt is fastened, then the indicator and alarm sound will disappear.

Inspection and maintenance of seat belt

Before each use of the seat belt, please confirm whether the following three functions of the seat belt are functioning normally. If there is any abnormality, please contact the VOYAH authorized service center:
1. Fasten the seat belt, pull the webbing at the tongue, and the tongue shall be locked and do not come out;
2. Check whether the seat belt can be retracted and pulled out smoothly, and check the wear of the webbing;
3. Pull out the seat belt halfway, hold the tongue and pull it forward quickly, then the seat belt shall be locked automatically.

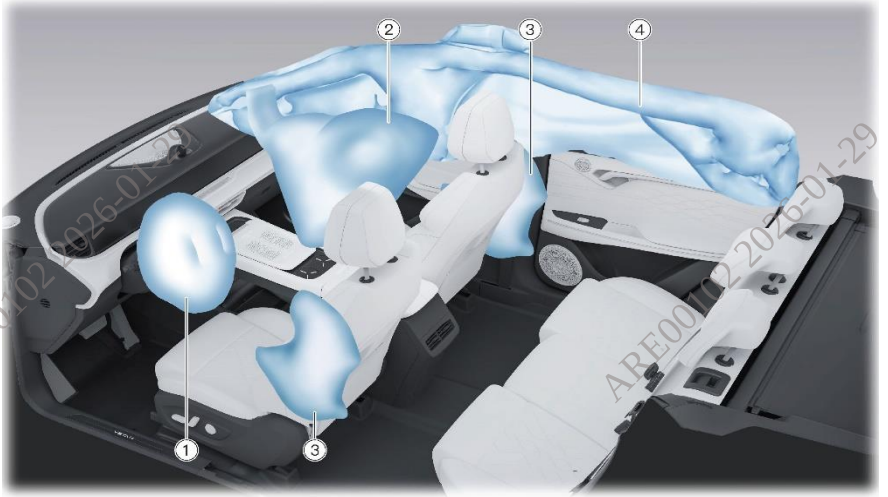
WARNING

- Before wearing the seat belt, make sure the seat is adjusted to a proper position.
- It is strictly forbidden to insert any substitute for seat belt tongue into the seat belt buckle to eliminate the seat belt unfastened alarm.
- If the seat belt has been used in a serious accident, shows signs of wear, or is cut, the seat belt is no longer usable and must be replaced.
- Two persons must not share a seat belt at the same time (for example, holding a child), as it will cause secondary injury to the child in the event of an accident.
- Do not tilt the seat backrest too far backward, otherwise it will seriously affect the protection function of the seat belt.
- Make sure the seat belt is in the correct position and lock the height adjuster in place before driving. If the seat belt in an incorrect position or the shoulder height adjuster is not locked in place, the effect of the seat belt will be degraded in the event of a collision.
- Before and after using the seat belt, you shall check whether the seat belt is tangled.
- When the seat belt is not in use, it shall be fully retracted without dangling.
- The seat belt shall be kept clean, and the socket shall not be blocked by foreign objects, otherwise the reliable engagement of the seat belt buckle will be affected.
- Before use, please carefully check whether the seat belt and its anchorage mechanism are damaged or aged. If so, do not continue to use them and contact the VOYAH authorized service center.
- It is strictly forbidden to modify the seat belt without authorization, so as not to interfere with the operation of the seat belt or make the seat belt unusable.
- You can only use the neutral soap and warm water to clean seat belts. Never use solvents to clean seat belts. Do not bleach or dye the seat belt, otherwise the strength of the seat belt will be seriously weakened. After cleaning, the seat belt shall be wiped clean and dried in the shade. Do not retract the seat belt into the retractor until the seat belt is completely dry.

Airbag

As an auxiliary device of the occupant restraint system, the airbag needs to be used in conjunction with the seat belt to play a protective role. In the event of a vehicle collision, the airbag can fully protect the occupants in the vehicle. To minimize the risk of injury in the event of a collision, drivers and passengers shall try to maintain a correct sitting position and wear seat belts correctly at all times.

Airbags are provided at the positions shown in the figure below. According to the type and installation position of the airbags, they can be divided into the following types:



① Driver airbag (located under the steering wheel center cover)

② Front passenger airbag (located in the ceiling above the front passenger)

③ Front seat side airbag (located on the outside of the front seat)

④ Side curtain airbags (located in the ceiling area from A-pillar to C-pillar)

The vehicle is equipped with a collision sensor. In the event of a frontal collision or a side collision that can give rise to detonation of the airbag system (depending on the type and angle of the collision, and the object that collides the vehicle), the airbag system will detonate the airbag at the corresponding position, thereby reducing the risk of injury or death for the occupants.

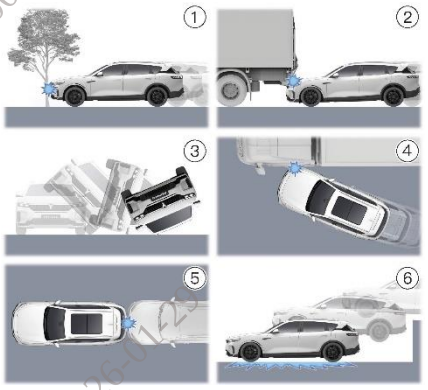
Airbag MIL

After the vehicle is powered on, the airbag MIL lights up, and then goes out after the system completes the self-check.

If the following situations occur, it indicates that the system is faulty, and in this case please contact the VOYAH authorized service center:

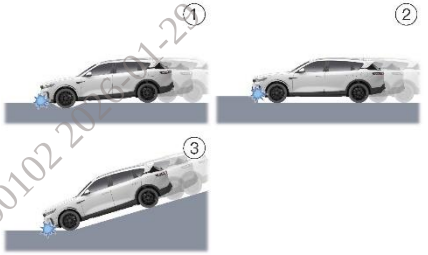
- After the vehicle is powered on, the indicator does not light up during self-check.
- After the system completes the self-check, the indicator does not go out.
- The indicator comes on or flashes when the vehicle is in motion.

Situations in which airbags may not be deployed



① The front end of the vehicle hits a concrete pillar, tree or other slender objects.
② The vehicle hits the rear lower part of a truck and other large trucks.
③ The vehicle rolls over.
④ The other positions (non-front end) of the vehicle hits a wall or a vehicle.
⑤ The rear of the vehicle is hit by another vehicle.
⑥ When a vehicle falls from a height, the bottom first contacts the ground.

Situations in which airbags may be deployed



① The vehicle head hits the ground when crossing a road with deep potholes.
② The vehicle hits convex on the side of the road, curbs, etc.
③ When going down a steep slope, the vehicle head hits the ground.

CAUTION

- The deployment of the airbag is accompanied by a harmless puff of smoke and sound.

WARNING

- Do not place any decorations on the surface of the IP, because those decorations will injure the occupants in the vehicle once the airbags are deployed.
- Never place a child safety seat on or allow a child to sit in a seat with frontal airbag. Otherwise, child injury or death may occur when the airbag is deployed.
- Never place any objects near driver airbag, front passenger airbag, the sides of the front seats, the edges on both sides of the ceiling, and any other areas that may interfere with the deployment of the airbags. Because these objects could cause serious injury to the driver and passengers when the airbags deploy in the event of a vehicle collision.
- After the airbag is deployed, the airbag components will be hot. Please do not touch them to avoid burns.
- Do not use seat covers or other items to cover the seat airbag, as the seat airbag will not be able to provide protection in the event of an accident.
- Do not modify the steering wheel, seat or its interior accessories.
- Do not attempt to repair, adjust or modify the airbag.
- The airbag only works once. In case of a second collision, the deployed airbag is unable to provide protection, and it is necessary to contact the VOYAH authorized service center for replacement.
- Please visit the VOYAH authorized service center regularly to check the status of the airbag and replace it in time if necessary.

Safe rides for children

Instructions for riding of children

An adult should supervise the child sitting in a vehicle during driving to ensure its safety. Choose a suitable child seat according to the size of the child.

WARNING	
	DO NOT place rear-facing child seat on this seat with airbag DEATH OR SERIOUS INJURY can occur
	AIRBAG IN ROOF

A warning label is attached to the right sun visor to remind the front occupants of the danger of deploying the frontal airbag. Please read and follow the instructions on the label.

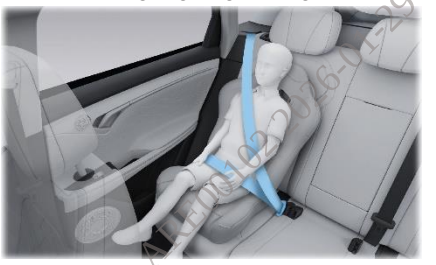
Child safety seat

Selection of child safety devices

According to the regulations of *Restraining devices for child occupants of power-driven vehicles*, child seats are divided into:

- Group 0/0+ child safety seat: suitable for infants weighing less than 13kg.

- Group Ⅰ child safety seat: suitable for children weighing 9 kg to 18kg.



- Group II child safety seat: suitable for children weighing 15 kg to 25kg.

- Group III child safety seat: suitable for children weighing 22 kg to 36kg.

Suitability information of child safety seats for different seating positions:

Mass group	Seat position		
	Front passenger seat	Rear outside seat	Rear middle seat
Group 0: <10kg	X	U	X
Group 0+: <13kg	X	U	X
Group I: 9 to 18kg	X	U	X
Group II: 15 to 25kg	X	U	X
Group III: 22 to 36kg	X	U	X

The meaning of the letters in the above table is as follows:

U - The seat position is suitable for a general child safety seat approved by this mass group.

X - The seat position is not suitable for the installation and use of a child seat of this mass group.

Suitability information of ISOFIX child safety seats for different seating positions:

Mass group	Size	Fixing module	Seat position		
			Front passenger seat	Rear outside seat	Rear middle seat
Portable baby cradle	F	ISO/L1	X	X	X
Group 0: <10kg	G	ISO/L2	X	X	X
	E	ISO/R1	X	IL	X
Group 0+: <13kg	E	ISO/R1	X	IL	X
	D	ISO/R2	X	IL	X
	C	ISO/R3	X	IL	X
Group I: 9 to 18kg	D	ISO/R2	X	IL	X
	C	ISO/R3	X	IL	X
	B	ISO/F2	X	IUF	X
	B1	ISO/F2X	X	IUF	X
	A	ISO/F3	X	IUF	X

The meaning of the letters in the above table is as follows:

IUF - The seat position is suitable for forward universal ISOFIX child safety seats approved by this mass group.

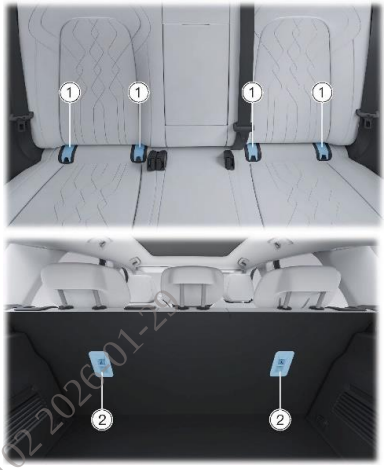
IL - The seat position is suitable for a special type ISOFIX child safety seat (e.g., for special vehicle, restricted or semi-universal).

X - The seat position is not suitable for the installation and use of a child safety seat of this mass group.

⚠WARNING

- Be sure to check the size rating in accordance with the manufacturer's instructions, the packaging, and the label of the child safety seat. Refer to the child safety seat manual for instructions on proper installation.

Description of ISOFIX system



The rear seats of the vehicle are equipped with ISOFIX system, which can be used for the connection and installation of child safety seats. The system consists of a lower anchorage point ① and a top tether anchorage point ②. The lower anchorage point ① is located in the gap between the seat backrest and the seat cushion, which is used to install a child safety seat with ISOFIX interface. The top tether anchorage point ② is located at the back of the seat backrest. According to the type and installation instructions of the child safety seat, you can choose the top tether anchorage point ②, the lower anchorage point ① or a three-point seat belt to cooperate in installation of the child safety seat.

WARNING

- Do not leave child alone in the vehicle. During driving, do not allow children to stick their bodies (such as heads, hands, etc.) out of the window.
- Do not allow a child to sit in the front seat, otherwise serious injury or even death to the child may result when the airbag deploys. Rear window deactivation and child safety lock functions shall be enabled when a child is sitting in rear seats.
- Do not wrap the seat belt as this will reduce protection effect. Do not attach the fastening belt, hard sharp objects, or anything other items that do not come with the child safety seat to the fixing device, as this could endanger the child's life in the event of an accident.

Instructions for safety label

① Cooling fan warning label

- Located on the engine compartment front center trim panel

② Child safety / airbag warning label

- Located on the front passenger sun visor

③ Side curtain airbag label

- Located on the left and right B-pillar protective plates

④ Front seat side airbag label

- Located on the sides of the front seats near the doors

⑤ High voltage battery warning label

- Located above the front end of the high voltage battery

⑥ Battery warning label

- Located on the battery case

CAUTION

- If the location or quantity indicated by the label is different from that of the real car, the latter shall prevail.
- If the label comes off or is difficult to read, please contact the VOYAH authorized service center.

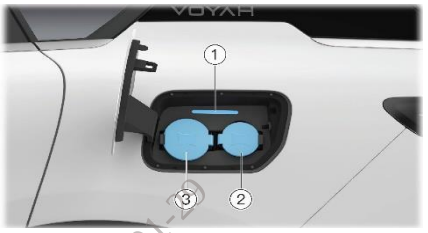
WARNING

- Label information concerns the safety of people and vehicles, and therefore must be strictly followed.

Charging guide

When the IC indicates that the vehicle's power is low, please charge the vehicle in time, otherwise it will affect the service life of the high voltage battery and the driving experience.

Charging port



① Charging port indicator
② AC slow charging interface
③ DC fast charging interface

Inspection before charging

- Make sure the charging cable is not worn and the connector is not rusted.
- Make sure that the charging connection device is securely connected.
- Make sure that the inside of the charging port is dry, free of water stains or foreign objects, and that the metal terminals are not skewed, damaged, rusted or corroded.

If the above conditions are not met, charging is strictly prohibited, otherwise it may cause short circuit or electric shock and thereby cause personal injury.

Charging with exclusive AC charging pile

VOYAH provide you with an exclusive AC charging pile as a safe and reliable AC power source.
The charging method is as follows:
1. Check the lighting status of the charging pile; it remains on in blue in standby mode;
2. On the CSD»Swipe-right -1 screen of CSD, touch the Charging Cover icon, and open the AC charging port protective cover after the charging cover automatically pops open;
3. Connect the charging plug on the charging pile to the AC charging port;
4. After waiting for a few seconds, confirm that charging is in progress by checking that the charging connection indicator on instrument cluster is illuminated, the charging status is displayed, the charging port indicator and the charging pile indicator are breathing in green;
5. To stop charging, you need to unlock the vehicle, press charging plug unlock button, pull out the charging plug and put it back to the corresponding position on charging pile;
6. Close the vehicle AC charging port protective cover and charging cover.

CAUTION

- When connected to the charging plug, the vehicle cannot enter READY mode.
- Do not shake the charging plug when unplugging or plugging it, to prevent damage to the charging device.
- The vehicle can only be charged when parked. The vehicle cannot be charged when the it is in driving state (in R or D gear) and when software is upgrading.
- The charging progress is displayed on the IC during charging with the estimated remaining time to fully charged indicated. When the high voltage battery is fully charged, the charging system will automatically stop charging.
- When charging with the VOYAH exclusive AC charging pile in plug-and-charge mode or portable charging plug, if the external grid is powered off, the charging will continue automatically after power supply is restored.
- When using a public DC charging pile, please choose a 12V auxiliary power charging pile for charging.
- Before pulling out the charging plug, ensure that the charging is completed to avoid damage to the vehicle or injury to the human body caused by the arc of the charging plug due to an abnormal device.
- If the vehicle needs to be stored for a long time, please ensure that the remaining SOC of the high voltage battery is not less than 85%. To extend the service life of the high voltage battery, it is recommended to charge it every three months.
- After the vehicle is stored for a long time, please fully charge the vehicle before reusing it for the first time.
- If the vehicle is parked for a long time and not charged as required, it may cause excessive discharge of the high voltage battery, thereby reducing the performance of the high voltage battery. For any vehicle breakdown and damage caused therefrom, VOYAH will not assume any responsibility (including quality guarantee).

WARNING

- It is strictly forbidden to disassemble or modify the charging port without permission.
- Please use the VOYAH charging plug or purchase charging products with "cable control and protection devices" to ensure vehicle and personal safety.

Discharge guide

The vehicle has an AC discharge function to output the electricity stored in the high voltage battery as 220V AC through the discharge plug for use by external electrical appliances.

Inspection before discharging

- Make sure that the discharge plug is not damaged, the connecting cable is not worn, and the connector is not rusted.
- Make sure that there are no water stains or foreign objects in the charging port, and that the metal terminals are not skewed, damaged, rusted or corroded.

Discharge operation instructions

1. The vehicle is stationary and in a powered on state;
2. Open the charging cover and the protective cover of the AC charging port;
3. Do not connect the electrical equipment until the discharge plug is connected to the AC charging port;
4. Turn on the external discharge of vehicle on the CSD ›› Car ›› Charging and Discharging interface;
5. To stop the external discharge of vehicle, the discharging can be stopped on the CSD›› Car›› Charging and Discharging interface;
6. Close the protective cover of the AC charging port and the charging cover, and store the discharge connection device in place.

CAUTION

- When connected to the discharge plug, the vehicle cannot enter READY mode.
- This car is not equipped with a discharge connection device. If needed, you can redeem or purchase it through the VOYAH APP.
- Before discharging, please make sure that the ele trical equipment is turned off.

WARNING

- When discharging, it is strictly forbidden to place the sockets of the discharge plug and the electrical equipment near the POT, the vehicle head and the tires, so as to avoid damage and electric leakage risk.
- If there is any abnormal situation during discharge, such as peculiar smell, smoke, etc., please stop use immediately, pull out the discharge plug and contact the VOYAH authorized service center.

Light/wiper

Combination light switch

Combination lamp is controlled in the CSD›› Car›› Lighting interface:

① Combination lamp off button

② Position lamp button

③ Low beam button

④ AUTO lamp button

⑤ Rear fog lamp button

Light stalk

After the vehicle is powered on:

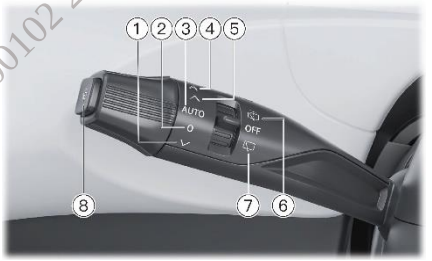
- Dial the light stalk down to turn on the left turn signal lamp.
- Dial the light stalk up to turn on the right turn signal lamp.
- After the low beam is on, push the light stalk toward the instrument panel to turn on the high beam.
- After the high beam is on, push or pull the light stalk, and the high beam goes off.

CAUTION

- When the lighting system fails, the exterior lamp MIL on the instrument cluster will light up, accompanied with a warning sound. In this case, please contact the VOYAH authorized service center.
- If a turn signal lamp indicator fails, the flashing frequency of the corresponding indicator on the instrument cluster will increase.

Wiper and washer switch

The wiper stalk controls the front and rear wipers and washers. In different weather conditions, reasonable use of wipers and washers can improve the driver's vision.



① MIST of front wiper
② 0: Turn off the wiper
③ AUTO: Auto mode
④ HI mode
⑤ LO mode
⑥ Rear window washer
⑦ Rear wiper
⑧ Front windshield washing button

Front wiper maintenance

- You can turn on/off the front wiper maintenance mode on the CSD❯❯Car❯❯ Saf.&Mnt. interface.

- Turn on the front wiper maintenance mode, then the front wiper will be in the maintenance position to facilitate the replacement of the wiper.
- Turn off the front wiper maintenance mode, then the front wiper will automatically return to the original position.

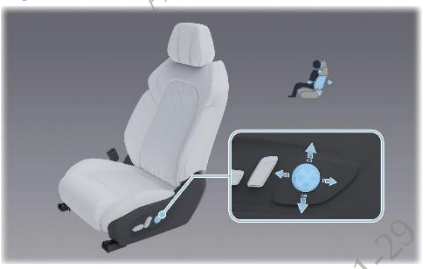
Seat

Front seat

Seat 8-way electric adjustment

① Seat forward/backward adjustment
② Seat cushion angle adjustment
③ Seat height adjustment
④ Seat backrest angle adjustment

Seat lumbar support 4-way adjustment



The lumbar support can be adjusted up, down, forward and backward by the adjustment button.

Front seat heating/ventilation/ massage

The driver seat and front seat heating/ventilation/massage function can be turned on/off on the CSD ❯❯ Full Application❯❯Seat interface.

Rear seat

Folding: Lower the head restraint to the lowest position, pull the rear seat backrest lock switch, and once the backrest is unlocked, fold the backrest forward to obtain more storage space.

Recovery: Lift the backrest and push it backwards until you hear a "click" sound, indicating that the rear backrest is locked. Shake the backrest back and forth to ensure that the seat backrest is locked in place.

CAUTION

- When locking the rear backrest, do not press the rear seat belt.

NOTICE

- Before folding the seat backrest, remove all items from the seat.
- When the backrest is folded, do not place heavy objects on it.

WARNING

- Do not adjust or fold the seat while driving.
- Do not allow anyone to sit on the folded seat backrest or in the trunk.
- Do not allow children to enter the trunk.

Head restraint

Correctly adjusting the height of the head restraint is essential to protect the safety of the driver and passengers. When adjusting the head restraint, make the upper edge of the head restraint flush with the edge of your head.

Adjustment of front seat head restraint wing

Adjust the wings on both sides inward and outward.

Seat head restraint height adjustment

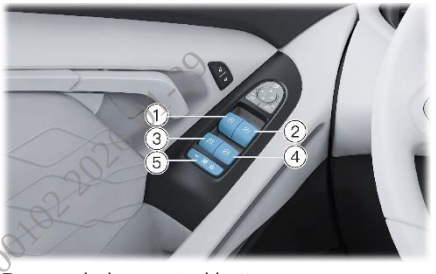
Lowering: Press and hold the lock button, press down the head restraint to a suitable height, release the lock button, and press the head restraint down to confirm that the head restraint is locked. Lifting: After lifting the head restraint to a suitable height, press down on the head restraint to confirm that the head restraint is locked.

Power window

The front door is equipped with double glazing soundproof glass, and the rear door is equipped with privacy tempered glass, providing you with comfortable driving space and privacy protection.

Driver side window button

After the vehicle is powered on, the control button on the driver door can control the raising and lowering of the four windows.



Power window control button:

① Front left

② Front right

③ Rear left

④ Rear right

⑤ Rear window disable button / child safety lock button

- Press the window control button ①, ②, ③ or ④, the window on the corresponding side will be lowered; lift the button, the window will be raised. Press/lift the window control button to the top to trigger the window one-button raising and lowering mode, and the window will automatically lower/raise to fully open/close. During the operation of the window, operating the button can stop the operation of the window at any time.
- Press the button ⑤, the button indicator will light up, the rear passenger will not be able to operate the corresponding window, and the child safety lock will be turned on.

CAUTION

- For the usage of other window buttons, please refer to the driver side window button.

Automatic window closing when locking vehicle

The function of automatic window closing when locking can be turned on/off on the CSD ›› Car ›› Door and Window interface. When this function is on, if the vehicle is locked, the window glass will automatically close.

Window anti-pinch

The window glass of the four doors of the vehicle has an anti-pinch function. During the closing of the window glass, if an obstacle is detected, the window glass will move in reverse for a certain distance before stopping.

Notice

- The anti-pinch or failure of any window does not affect the normal operation of other windows.
- For the same window, if the button is operated to raise and lower the window at the same time, the window glass will execute the lowering command.
- For the same window, if there are two commands of manual operation and system automatic control at the same time, based on safety, the window glass will execute the manual command.

WARNING

- When closing the windows, please ensure that the heads, hands and other parts of all occupants are kept away from the windows to avoid accidental injury.
- Never use any part of the body to test the anti-pinch function.
- Thin or small items may not trigger the window anti-pinch function.

Rearview mirror

Exterior rearview mirror

- Press the button ①, and press the front, rear, left or right direction on the front circular button to adjust the left exterior rearview mirror to a suitable angle.
- Press the button ②, and press the front, rear, left or right direction on the front circular button to adjust the right exterior rearview mirror to a suitable angle.

- Press the button ③ to unfold/fold the exterior rearview mirrors electrically.

Auto unfolding/folding of exterior rearview mirror

It can be turned on/off on the CSD»Car» Door and Window interface. After it is turned on:

- When the door is unlocked, the exterior rearview mirror will be unfolded automatically.
- When the door is locked, the exterior rearview mirror will be folded automatically.

WARNING

- It is strictly forbidden to adjust/fold the exterior rearview mirrors while driving.

Auto tilt-down while reversing

When reversing, the exterior rearview mirror automatically tilts down, making it easier for the driver to observe the ground conditions.

Interior rearview mirror

The driver can observe the situation behind the vehicle at any time through the interior rearview mirror to improve driving safety.

The vehicle is equipped with automatic anti-glare interior rearview mirrors. When driving at night, if there is strong light behind, the interior rearview mirror will automatically adjust the mirror reflectivity to reduce the reflection of the strong light.

CAUTION

- When the interior temperature is low, the automatic anti-glare adjustment of the interior rearview mirror may take a little longer.
- When reversing, the automatic anti-dazzle interior rearview mirror switches to normal mode.

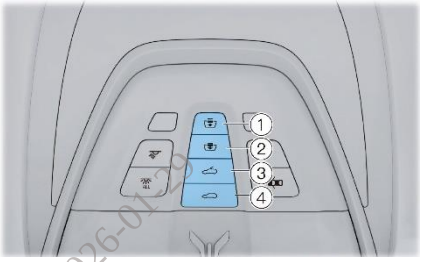
NOTICE

- To ensure the normal function of the anti-glare interior rearview mirror sensor, do not block the sensor position indicated by the arrow in the figure above with your finger or cloth.

Panoramic sunroof*/ Panoramic moonroof *

Panoramic sunroof *

After the vehicle is powered on, the panoramic sunroof/electric sunshade control button can be used to control the opening/closing of the panoramic sunroof/sunshade.



① Electric sunshade opening button

② Electric sunshade closing button

③ Panoramic sunroof opening button

④ Panoramic sunroof closing button

Button	Operating instructions
	Press and hold the button, the electric sunshade will open; After the button is released, the electric sunshade will stop moving. Press and release this button, the electric sunshade will open automatically.
	Press and hold the button, the electric sunshade will be closed; After the button is released, the electric sunshade will stop moving. Press and release this button, the electric sunshade will be closed automatically. If the panoramic sunroof is opened, it will be closed with the electric sunshade.
	Press and hold this button, the panoramic sunroof will slide to open, and the electric sunshade will open with the panoramic sunroof; After the button is released, the panoramic sunroof will stop moving. Press and release this button, the panoramic sunroof will automatically tilt slightly and slide to open, and the electric sunshade will slide backward to a certain position.
	Press and hold this button, the panoramic sunroof will be closed. After the button is released, the panoramic sunroof will stop moving. Press and release this button, the panoramic sunroof will be closed automatically.

Sunroof/sunshade anti-pinch function

If the panoramic sunroof is caught by a foreign object during the automatic closing process, it will tilt up or slide backward for a certain distance, and the electric sunshade will slide backward for a certain distance at the same time.

If the electric sunshade is caught by a foreign object during the automatic closing process, it will slide backward for a certain distance.

WARNING

- When operating the panoramic sunroof / sunshade, please ensure that the heads, hands and other parts of all occupants are kept away from the panoramic sunroof / sunshade to avoid accidental injury.
- When the panoramic sunroof is open, it is strictly forbidden to extend your head, hands and other body parts out of the window to avoid accidental injury.
- Do not place objects above the panoramic sunroof to avoid personal injury caused by falling objects when opening the sunroof.
- Thin or small items may not trigger the anti-pinch function of panoramic sunroof/sun shade.
- Never use any part of the body to test the anti-pinch function.

CAUTION

- When operating the sunroof button to open the panoramic sunroof, if the sunshade is closed, the panoramic sunroof / sunshade will be opened in linkage.
- The opening/closing/ventilation function of the panoramic sunroof can be turned on/off on the CSD ›› Car ›› Door and Window interface.

Panoramic moonroof *

Steering wheel buttons

The light transmittance of the panoramic moonroof (level 0 to 10) can be set on the CSD»Car»Door and Window interface.

CAUTION

- In order to ensure the best user experience, please clean the moonroof glass in time.
- The light transmittance of the moonroof can be adjusted through the onboard smart voice.

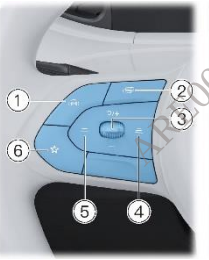
Steering wheel

Adjustment of steering wheel

The steering wheel adjustment handle is located under the steering column cover.

Adjustment method:

1. Loosen the steering wheel adjustment handle outwards;
2. Hold the steering wheel firmly with both hands, and adjust the steering wheel to an appropriate position forward and backward, up and down;
3. After adjusting properly, push the steering wheel adjustment handle back inward;
4. Shake the steering wheel up, down, forward and backward to confirm that the steering wheel is locked.



① Intelligent driving button
② Menu button
③ /+9/+(dial up): increase/resume cruising speed —(dial down): decrease cruising speed
④ Following distance + button
⑤ Following distance - button
⑥ Custom button
⑦ /Volume control
⑧ Play/Pause
⑨ Voice button
⑩ Phone button
⑪ Next track
⑫ Previous track
⑬ Photo button

Horn

Press any position within the highlighted area of the steering wheel in the figure above, and the horn will sound. Release it to stop the sound.

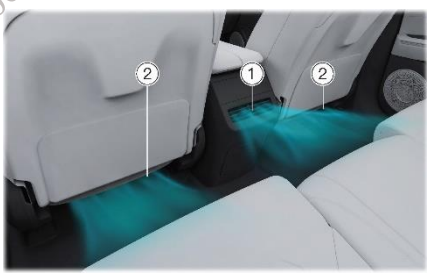
CAUTION

- Please use the horn only in necessary situations (such as poor visibility, emergency, etc.). When using the horn, the requirements of local traffic laws should be observed.

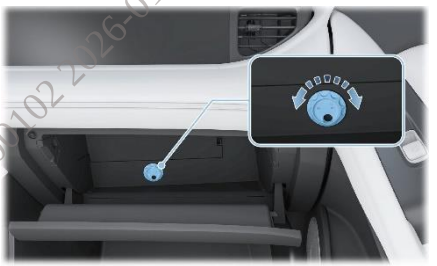
A/C

Location of vent

① Side window defogging air outlet
② Front side air outlet
③ Front windshield defogging air outlet
④ Front center air outlet
⑤ Front foot air outlet
⑥ Glove box air outlet



① Rear center air outlet
② Rear foot air outlet



The glove box air outlet switch is located in the glove box.

A/C control panel

The temperature of the left and right zone in the front row can be adjusted independently. The system will automatically adjust the zone temperature and air flow according to the current temperature in the vehicle and the set temperature.

① Left/right temperature adjustment button
② Front windshield defogging button
③ AUTO mode button
④ A/C cooling button
⑤ Air volume - button / A/C off button
⑥ Hazard warning lamp button
⑦ Air volume + button
⑧ Air outlet mode button
⑨ Circulation mode button
⑩ Rear windshield defrosting/rearview mirror heating button

WARNING

- Please avoid using the internal circulation mode for a long time, so as to avoid excessive carbon dioxide concentration in the vehicle, which is not conducive to the occupants staying awake.
- When there is a significant difference in temperature and humidity between the interior and exterior environments, using the internal circulation mode can easily cause fogging of the windows and front windshield, affecting the driving visibility. Therefore, please prioritize using the external circulation mode.

Hazard warning lamp

The hazard warning lamp switch is located in the middle of the A/C control panel. When the vehicle fails or is in danger, press the hazard warning lamp switch, then the left and right turn signals and the left and right turn indicators on the IC will flash synchronously; press the switch again to turn off the hazard warning lamps.

Hazard warning lamps shall be turned on in the following situations (including but not limited to):

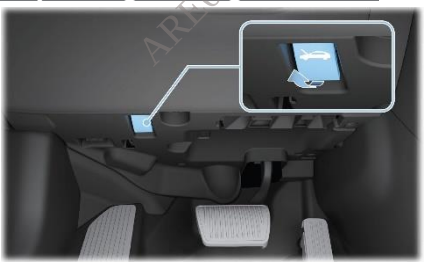
- The vehicle breaks down.
- The vehicle is stuck in traffic jams on highways or urban expressways at the end of the traffic flow.
- The vehicle is running or temporarily parked in bad weather with poor visibility (such as heavy rain, heavy fog, etc.).
- In an emergency.
- The vehicle is towed.

NOTICE

- During emergency braking, the hazard warning lamps are automatically turned on, and the left and right turn signal lamps flash simultaneously.
- In the event of an emergency, if the hazard warning lamps do not work, other methods must be adopted to attract the attention of other road users, and the methods used must comply with the relevant traffic laws.
- After the vehicle is powered off, please turn off the hazard warning lamp under the premise of ensuring safety, so as to prevent the battery from being depleted.
- When handling an accident, please turn on the hazard warning lamps in time and wear a reflective vest as required.

Engine hood

Opening of engine hood



The engine hood opening handle is located on the lower left of the instrument panel. Pull the engine hood release handle twice in a row and lift it up to open the engine hood. After the engine hood is opened, the prompt information will appear on the instrument cluster.

Closing of engine hood

1. Press down the engine hood until it falls under its own weight.
2. Continue to press down on the engine hood to fully close it.

CAUTION

- Properly lubricate the engine hood latch to facilitate opening/closing of the engine hood.
- Before driving the vehicle, please confirm that the engine hood is completely closed.

WARNING

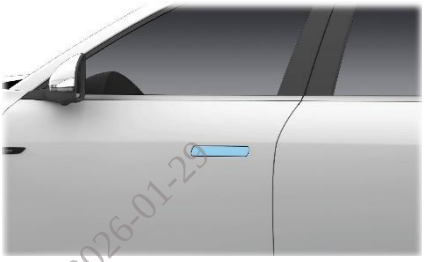
- The engine compartment is a high-risk area, in which improper operation can easily lead to serious casualties.
- When opening the engine hood for operation during vehicle start-up or operation, do not touch rotating components such as the drive belt and radiator fan.

Door

Door lock

Flush door handle

The vehicle is equipped with concealed door handles to reduce wind resistance and provide you with a better driving experience.



- When the door is unlocked, the flush door handle is automatically deployed, and the door can be opened by pulling the door handle.
- When the door is locked, the flush door handle will automatically retract into the concealed position.

CAUTION

- If the battery is low, the flush door handle will not automatically deploy after the smart key unlock button is pressed, and can only be pulled out by manually pressing it at the front part to tilt it.

Central door lock button

① Door unlock button

② Door lock button

NOTICE

- When the vehicle speed exceeds 10km/h with any door not fully closed, the vehicle will issue a prompt message and a warning sound. In this case, please close the door as soon as possible.
- When the vehicle is running, it is strictly forbidden to open the door or POT.

Door inside handle

- When the vehicle is unlocked, the door can be opened by pulling the door inside handle.
- When the vehicle is locked, the door can be opened by pulling the door inside handle twice in a row.

Child safety lock

Child safety locks prevent children from opening the doors from inside the car. The rear child safety lock function can be turned on/off in the following two ways:

- Press the child safety lock button on the driver side.
- Set on the CSD❯❯Car❯❯Door and window interface.

NOTICE

- If there are children sitting in the rear seats, the driver shall enable the child safety lock.
- After the child safety lock is activated, the rear door inside handle cannot be used to open the door from inside the car.
- To open the door, first unlock the door, then open the door from outside the car, or release the child safety lock before opening the door from inside the car.

POT

Opening/closing by kick induction

Approach the vehicle identification area with the smart key or Bluetooth key, then kick your toes into the induction area in the middle of the rear bumper at least 10cm, and the POT can be opened/closed.

CAUTION

- During the closing process of the POT, kick your toes again quickly, and the operation of the POT will be suspended.
- When the charging cover is open, the kick induction function is temporarily unavailable.

POT switch

When the vehicle is stationary, press the POT switch, and the POT can be opened or closed.

During the operation of the POT, press the POT switch, and the POT will pause operation.

Driver side POT switch

Opening POT: Pull up the driver side POT switch when the vehicle is stationary.

Closing POT: Press the driver side POT switch when the vehicle is stationary.

CAUTION

- During the opening/closing process of the POT, operate the driver side POT switch again, and the operation of the POT will be suspended.

Opening/closing with smart key

When the vehicle is stationary, approach the vehicle identification area with the smart key, and press the POT opening/closing button on the smart key twice in a row to open/close the POT.

During the opening/closing process of the POT, press the POT opening/closing button, the POT will pause operation; Press the button again, the POT will run in reverse.

POT closing switch

Press the POT inner closing switch to close the POT. At any height, press and hold the POT closing switch to set the current height as the POT opening height. In this case, the buzzer sounds for a long time, indicating that the height setting is successful.

CAUTION

- During the operation of the POT, do not manually press/lift the POT.
- The opening/closing of the POT can be controlled through the VOYAH APP.
- When the POT cannot be opened, please contact the VOYAH Service Center.

POT switch on CSD

The opening height of the POT can be set on the CSD❯❯Car❯❯Door and Window interface. When the POT is opened again, it will open to the height set this time.

Opening of POT in emergency

When the POT cannot be opened normally, the POT can be opened from the inside of the car in an emergency:

1. Recline the rear seat backrest and remove the curtain;

2. Open the emergency switch trim cover on the inner side of the POT;

3. Press down the emergency switch and push the POT outwards.

POT anti-pinch

During the operation of the POT, if an obstacle is detected, the anti-pinch function will be triggered, and the POT will pause operation and run a certain distance in reverse.

WARNING

- It is strictly prohibited to drive the vehicle with the POT open.
- When opening/closing the POT, please confirm the surrounding environment to avoid accidents.

POT initialization

If the battery is disconnected and then reconnected, the POT may fail, and can be initialized through the following steps:

1. Press the POT switch and wait for the POT to automatically open to the maximum position;
2. After the POT stops moving, press the POT closing switch and wait for the POT to close automatically.

Driving guide

Starting/stopping of vehicle

Start the vehicle

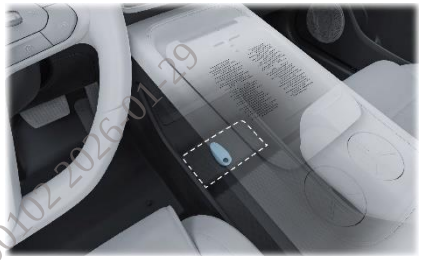
When you need to start the vehicle:

1. Carry the smart key or Bluetooth key, and unlock and enter the car;
2. Depress the brake pedal to start the vehicle, then READY state will be enabled and the READY indicator on the instrument cluster will be illuminated.

CAUTION

- When the vehicle is in P or N gear and the brake pedal is not depressed, the instrument panel will prompt "Please depress the brake pedal before switching gears".

Emergency start of vehicle



When the power of the smart key is low, you can put the smart key in the emergency start area (as shown in the figure above), and depress the brake pedal for emergency start of the vehicle under the premise of ensuring all the doors and the POT are closed.

Turn off the vehicle

- After the vehicle is stopped, shift the gear to P position, and the EPB will be automatically activated.
- Unfasten the driver seat belt and open the driver door to make the vehicle exiting the "READY" state.
- Get out of the vehicle and lock the door from the outside to automatically power off the vehicle.

WARNING

- It is strictly forbidden to park the vehicle near inflammable and explosive materials.
- Never leave children, animals or persons with reduced mobility in the vehicle, who may start the vehicle or lock the doors and endanger others or themselves.

Shifting operation instructions

The vehicle has four gears: P, R, N, and D. After the vehicle enters the READY state, depress the brake pedal and switch gears, the corresponding gear will be displayed on the instrument cluster.

P: Park

Switch into this gear when the vehicle needs to be parked.

R: Reverse

Switch into this gear when the vehicle needs to be reversed.

N: Neutral

Gear without power output. Switch to this gear when in a tunnel car wash or when the vehicle is being pushed. EPB needs to be applied when temporarily stopping and shifting into this gear.

D: Drive

Switch into this gear when the vehicle needs to move forward.

NOTICE

- The vehicle must be stationary before shifting into P or R gear.
- When the gear is in R / N / D position, press the P gear button to switch to P gear.
- When the switching conditions are not met, the instrument cluster will display corresponding prompt information. Please operate according to the prompt information.
- When the indicator of READY on the instrument cluster lights up, switching between all gears is allowed; when the indicator does not light up, it is only allowed to switch between the P and N gears.
- When the vehicle is running, do not coast in neutral, otherwise, the vehicle may be damaged or a hazard may occur.

Driving mode

- The vehicle has different drive modes such as Eco mode, COMF mode, PERF mode, Outing mode, Snow mode, etc., and the personalized drive mode can be set according to personal driving needs.

The drive mode can be switched in the following two methods:

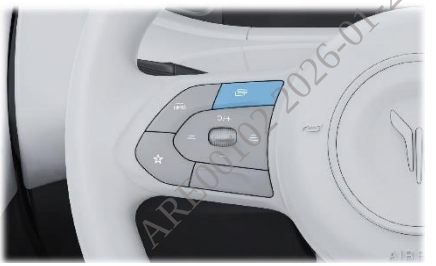
- Press and release the button for switching.
- Set in the CSD❯❯Car❯❯Drv.pref interface.

CAUTION

- To activate Outing mode, the vehicle speed must be less than 40km/h. ● After the vehicle speed exceeds 40km/h, the system will automatically exit Outing mode and enter COMF mode.
- Continuously or frequently adjusting the air suspension height may trigger the suspension overheating protection. At this time, the instrument panel indicates that the suspension adjustment function is temporarily unavailable. After the temperature returns to normal, the suspension height can be adjusted normally.

Tire pressure monitoring

TPMS monitors tire pressure and temperature in real time.



The display information of the instrument cluster can be switched by the menu button on the steering wheel, to view the current tire pressure and temperature.

CAUTION

- The vehicle is equipped with a quick tire repair tool for adjusting tire pressure and repairing the slightly flat tires.
- The tire pressure will change with the temperature. Please adjust it as needed according to the tire pressure displayed on the instrument cluster and the standard pressure (the standard pressure label is located under the B-pillar of the driver door).
- After the tire rotation, the TPMS needs to be re-matched. Please contact the VOYAH authorized service center.
- When the vehicle is restarted after being parked for a long time, the vehicle must be driven for a certain distance to allow the tire pressure and temperature to be displayed normally.
- When the vehicle is in an environment with severe signal interference (such as strong magnetic field, power grid, high-voltage lines, etc.), the TPMS may not work properly.

Brake system

The vehicle is equipped with service brake system, electronic parking brake (EPB) and service brake assistance system.

Service brake

When the vehicle is running, the driver can depress the brake pedal at any time to slow down or stop the vehicle according to the road conditions.

CAUTION

- Except for service braking, do not place your foot on the brake pedal for a long time, which will cause the brake to overheat, affect the braking performance of the brake, and shorten the service life of the friction lining. Besides, the brake lamp remaining on will also affect the judgment of the driver of the rear vehicle on the driving condition of the preceding vehicle.
- When driving a vehicle that has been parked for a long time, you may hear a brief noise when you depress the brake pedal, which is normal.
- If the vehicle continues to make a sharp metal friction sound when braking, it indicates that the friction lining needs maintenance and inspection. In this case, please contact the VOYAH authorized service center.
- On wet, mountainous roads, or in icy and snowy weather, the braking distance will increase compared to the dry roads. Please reduce the speed and drive the vehicle with caution.

Electronic parking brake (EPB)

The vehicle is equipped with electronic parking brake (EPB) that allows the driver to control the vehicle.

When the EPB is released, there will be a sound due to the operation of the parking brake motor, which is a normal phenomenon. The EPB cannot be operated when the vehicle battery is low.

NOTICE

- Avoid parking on slopes or uneven roads.
- When parking and exiting the vehicle, make sure the gear is shifted into P and the EPB is activated.

Activation/release of EPB

Method	Operating instructions
Manual application	After the vehicle is stopped steadily: - Press the P gear button. - On the CSD»Swipe-right -1 Screen interface, touch the parking icon.
Automatic application	When the vehicle is powered off, the EPB is automatically activated.
Manual release	After the vehicle is powered on, depress and hold the brake pedal, and touch the parking icon on the CSD»Swipe-right -1 Screen interface.
Automatic release	In the READY state, when the doors are closed: - Shift from P to other gears on flat ground or gentle slope. - Depress the accelerator pedal when the gear is in D or R position (when the road slope is large, it needs to be depressed deeply).

Auto Hold

Auto Hold allows you to park for a short period of time without depressing the brake pedal and maintain the vehicle at a parking state.

After the vehicle is braked to a stop, depress the brake pedal deeply to activate the Auto Hold function.

In the Auto Hold state, depress the accelerator pedal or deeply depress the brake pedal again, and the Auto Hold will be released.

Autohold indicator

Ⓐ When the Auto Hold indicator lights up in gray, it indicates that the function is ready to be activated.

Ⓐ When the Auto Hold indicator lights up in green, it indicates that the function is activated.

WARNING

- EPB and Auto Hold are strictly prohibited when the vehicle is being towed or driven into an automated car wash.
- When the vehicle is running, the EPB shall not be used except in emergencies. Otherwise, it may endanger driving safety or damage the vehicle.

Service electronic braking system

The vehicle is equipped with various types of service electronic braking systems to assist the driver in applying service brake and improve driving safety.

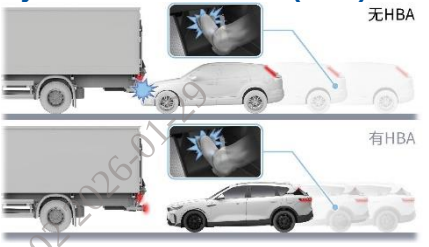
Antilock brake system (ABS)

During emergency braking or braking on slippery roads, ABS can prevent the wheels from locking, avoiding sideslip, deviation or loss of steering ability.

Electronic brake force distribution (EBD)

EBD can dynamically adjust the braking force of the front and rear wheels when the vehicle is braking to improve the braking effect of the vehicle.

Hydraulic brake assist (HBA)



When the vehicle is braking, the HBA determines whether emergency braking is applied according to the speed and strength of the driver's depressing of the brake pedal. If the system judges that it is emergency braking, it will assist the driver to generate more braking force in a short time, thereby shortening the braking distance.

Electronic Stability Control (ESC)

ESC can improve vehicle running stability and reduce vehicle sideslip. To ensure driving safety, please do not turn off the ESC at will.

Traction Control System (TCS)

When the vehicle accelerates rapidly or starts on a low-adhesion road, the driving wheels may idling in place, affecting the stable driving of the vehicle. The traction control system (TCS) can effectively prevent such phenomena by controlling the driving force of the wheels.

Hill hold control (HHC)

Hill hold control (HHC) can prevent the running vehicle from slipping backward when starting uphill, or sliding forward when reversing downhill. During this process, the driver does not need to operate the EPB button, thus effectively reducing the difficulty of starting or reversing on the slope.

Hill decent control (HDC)

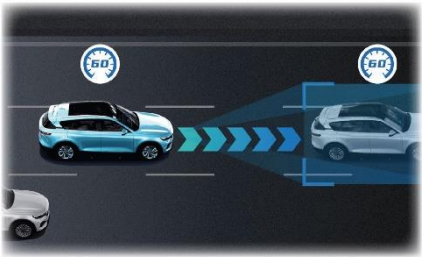
Hill descent control (HDC) can actively brake and decelerate when the vehicle is passing through a steep downhill section, so that the vehicle can pass safely and smoothly

⚠WARNING

- The service electronic braking system cannot completely replace the driver's parking or application of service brake, and the driver needs to pay attention to the status of the vehicle at all times.
- It is strictly forbidden to manually test the ABS system on the road to avoid traffic accidents.
- During emergency braking on snow-covered and slippery roads, the braking distance of the vehicle will be longer than that on dry roads, so be sure to reduce the vehicle speed and drive carefully.
- Do not replace tires with that inconsistent with the original vehicle specifications and models, otherwise it will affect the operation of braking system and increase the risk of accidents.
- As a vehicle active safety control system, ESC can improve vehicle stability, but it still has limitations in complex situations (such as speeding, running on slippery roads, etc.). The driver needs to control the vehicle speed and drive the vehicle carefully.
- When the ambient temperature is high and the HDC is used for a long time, the HDC will stop working for a short time to prevent the brake disc from overheating. At this time, the vehicle will show signs of acceleration. Please depress the brake pedal in time to re-control the vehicle speed.

Driving assistance

Adaptive cruise control (ACC)



ACC is a driving assistance function used to actively control the vehicle speed, which monitors the running status of the vehicle ahead through intelligent driving sensors, and actively controls the speed of the subject vehicle for automatic car-following cruise.

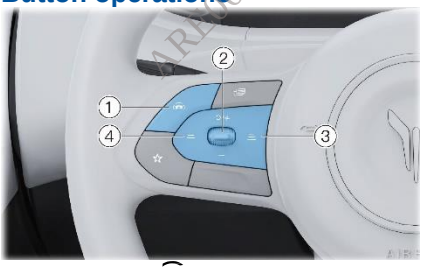
When the ACC is activated, the vehicle can perform car-following cruise within the speed range of 0-150 km/h:

- If the target vehicle slows down or a new target vehicle appears with a lower speed than the subject vehicle's cruising speed, ACC will control the vehicle to slow down so as to maintain a safe distance from the target vehicle or the new target.
- When the target vehicle accelerates or leaves the running path of the subject vehicle, ACC will control the vehicle to accelerate and keep running within the set speed.

Car-following start/stop of ACC

- If the vehicle ahead leaves within 30 seconds, ACC will be activated to automatically follow the vehicle ahead.
- If the parking time exceeds 30s but does not exceed 10 minutes, pull up ↻/+ or lightly depress the accelerator pedal, the subject vehicle will follow the vehicle ahead.
- If the parking time exceeds 10 minutes, the EPB will be automatically activated, the instrument cluster will issue a prompt message, and the driver needs to take over the vehicle immediately.

Button operations



① Pilot button (🚗)

- When both ACC/ICA functions are turned off, press and hold the button to turn on and activate the ACC function, and the ACC function will enter the active state.
- When the ACC function is activated, press and release the button, and the ACC function will be exited and enter the pending state. Press and hold the button again, and the ACC function will be activated again.
- When the ACC function is activated, press and hold the button to switch to ICA function.

② Cruise setting stalk

Pull up (↻/+):

- Pull up and release this stalk, the cruising speed will increase by 1km/h;
- Pull up and hold this stalk, the cruising speed will increase by 5km/h;
- After temporarily exiting, pull up this stalk to resume the previous cruising speed.

Pull down (—):

- Pull down and release this stalk, the cruising speed will decrease by 1km/h;
- Pull down and hold this stalk, the cruising speed will decrease by 5km/h.

③ Following distance + button (☰)

When the button is pressed for the first time, the current set following distance is displayed. Press the button again within 4 seconds, the following distance between the subject vehicle and the vehicle ahead will be increased.

④ Following distance - button (☰)

When the button is pressed for the first time, the current set following distance is displayed. Press the button again within 4 seconds, the following distance between the subject vehicle and the vehicle ahead will be decreased.

CAUTION

- With ACC activated, the actual vehicle speed may deviate slightly from the set cruising speed. The driver shall always pay attention to the vehicle speed and take over the vehicle in time if necessary.
- When the ESC is turned off, the ACC function cannot be used.
- The ACC can only detect vehicles ahead and may not recognize the following objects (including but not limited to):
  - Vehicles running in the opposite direction of the subject vehicle in the same lane or crossing the same lane;
  - Vehicles running at very low speeds or sharply decelerating;
  - Stationary vehicles;
  - Pedestrians or animals;
  - Vehicles in close proximity (within approximately 1.5 meters);
  - Vehicles with smaller rear sections (trailers, motorcycles, bicycles, etc.);
  - Special vehicles (engineering vehicles, etc.);
  - Vehicles with raised front (such as overloaded vehicles);
  - Higher vehicles or vehicles with protruding loads at the rear.
- In the following situations (including but not limited to), ACC may suddenly accelerate or decelerate due to inability to accurately detect the vehicle, and the driver is requested to set the cruising speed within a reasonable and safe range and always observe the road conditions and vehicle status ahead, and adjust the vehicle speed if necessary:
  - If the target vehicle ahead disappears from the intersection, the subject vehicle may suddenly accelerate;
  - If the target vehicle ahead suddenly deviates from the lane, the subject vehicle may not be able to judge the road conditions ahead in a timely manner, posing a collision risk;
  - When the subject vehicle is overtaken, ACC may fail to immediately detect vehicles changing from other lanes to the lane the subject vehicle is in;
  - When the subject vehicle is traveling in a curve, ACC may fail to accurately detect vehicles in the same lane or adjacent lanes;
  - When the subject vehicle is traveling on a slope, ACC may fail to accurately detect the vehicle ahead.

WARNING

- The driver shall always take ultimate responsibility for ensuring safe driving of vehicles and comply with applicable road traffic safety laws and regulations. ACC cannot completely replace the driver to control the vehicle, does not allow for hands-free driving, and can only function in limited driving scenarios. The driver needs to observe road traffic conditions at all times and take over the vehicle in a timely manner if necessary to avoid danger.
- ACC is prohibited when driving in complex conditions such as bad weather, slippery roads, congested roads or tunnels, etc.
- It is strictly forbidden for non-drivers to touch the ACC related setting buttons, and ACC shall be turned off in time after use, otherwise serious consequences may occur.

Intelligent cruise assistance (ICA)

Intelligent Cruise Assist (ICA) is a driving assistance function that provides longitudinal and lateral assistance to the driver. It detects vehicles, pedestrians, obstacles, lane lines, and road edges in the lane through intelligent driving sensors, achieving centering control of the vehicle in the lane, as well as following speed control, curve speed control, etc. within the specified speed range.

Operating range of ICA function: The vehicle speed is between 0 and 150km/h.

Indicator

When the ICA indicator is not lit, it indicates that the function is turned off.

When the ICA indicator lights up in gray, it indicates that the function is turned on and the system is ready to be activated.

When the ICA indicator lights up in blue, it indicates that the function is activated and ICA is working.

Button operations

When the ACC and ICA are turned off, press and release the Pilot button ( ) to turn on and activate the ICA function.

When the ICA is activated, press and release the Pilot button ( ) to deactivate the ICA and shift to a pending state. Press and release the Pilot button ( ) again to activate the ICA again.

When the ICA is activated, press and hold the Pilot button ( ) to switch to the ACC function.

CAUTION

- The ICA speed control is implemented by ACC. Please refer to the ACC chapter for other button operations. Before using the ICA, please carefully read the ACC chapter to understand the functional limitations.
- ICA may issue a warning to the driver for improper holding of the steering wheel. At this time, the driver can slightly turn the steering wheel to eliminate the warning while ensuring driving safety.
- The lane centering control performance of ICA is strongly related to the mechanical performance of the vehicle chassis. Please regularly check the vehicle's four-wheel alignment parameters to improve the lane centering control experience.

WARNING

- The driver shall always take ultimate responsibility for ensuring safe driving of vehicles and comply with applicable road traffic safety laws and regulations. ICA cannot completely replace the driver to control the vehicle, does not allow for hands-free driving, and can only function in limited driving scenarios. The driver needs to observe road traffic conditions at all times and take over the vehicle in a timely manner if necessary to avoid danger.
- It is strictly forbidden for non-drivers to touch the ICA related setting buttons, otherwise traffic accidents may occur.

Forward collision warning (FCW)

FCW monitors the collision risk between the subject vehicle and objects such as pedestrians and vehicles in front through intelligent driving sensors. When there is a risk of collision, the vehicle will emit an audible and visual alarm to alert the driver.

Operating range of FCW: For vehicles in the same direction ahead, the vehicle speed is between approximately 30-150km/h; For pedestrians, the vehicle speed is between approximately 30-85km/h.

On/off

It can be turned on/off on the CSD❯❯Car❯❯ Driving Assistance interface.

After the function is activated, the sensitivity of the forward collision warning can be adjusted according to personal driving habits, and the warning sensitivity increases in order of low, medium, and high. After the vehicle is powered on again, FCW is enabled by default.

Warning mode

Pre-alarm: When the speed of the subject vehicle exceeds 30km/h and there is a risk of collision with the vehicle ahead, the instrument cluster will issue an audible and visual alarm to remind the driver to brake and decelerate, and control the vehicle in time to ensure a safe distance between vehicles.

Emergency alarm: When the FCW pre-alarms, if the driver does not respond to the audible and visual alarm, and the situation continues to deteriorate, the FCW will apply a short brake to warn the driver to immediately control the vehicle to avoid collision or mitigate damage from collision.

CAUTION

- FCW generally only acts on vehicles ahead in the same lane and direction or crossing pedestrians, but may be triggered by objects that are similar in shape or characteristics to vehicles, pedestrians, or two-wheelers.
- Vehicles running in the opposite direction of the subject vehicle in the same lane or crossing the same lane may cause the FCW to not function properly.
- Before the warning, the driver had already applied the brakes, and the FCW may not function properly or perform unexpectedly.

WARNING

- The driver shall always take ultimate responsibility for ensuring safe driving of vehicles and comply with applicable road traffic safety laws and regulations. FCW cannot replace the driver's detection of vehicles ahead, and can only function in limited driving scenarios. The driver needs to constantly observe road traffic conditions to avoid danger.
- It is strictly forbidden for the driver to actively test the FCW function to avoid unnecessary injury or even death.

Automatic emergency braking (AEB)

AEB monitors the relative distance and speed between the subject vehicle and vehicles ahead in the same lane and direction or pedestrians through intelligent driving sensors and evaluates the possibility of collision between the subject vehicle and the vehicles ahead or pedestrians. When there is a risk of collision, AEB automatically intervenes and brakes to avoid a collision. If a collision is unavoidable, AEB will still reduce the vehicle speed as much as possible to minimize the damage caused by the collision.

Operating range of AEB: For vehicles in the same direction ahead, the vehicle speed is between approximately 7-150km/h; For pedestrians, the vehicle speed is between approximately 7-85km/h.

Indicator

When the AEB OFF indicator lights up in yellow, it indicates that the system is off and the AEB is not working.

When the AEB MIL lights up in yellow, it indicates that the AEB system is faulty.

On/off

It can be turned on/off on the CSD»Car» Driving Assistance interface. After the vehicle is powered on again, AEB is enabled by default.

AEB has three states when working:

Brake preparation

When the system judges that the current situation is urgent, it will prepare the driver for braking and automatically reduce the gap between the brake pad and the brake disc.

Emergency brake assist (EBA)

If the driver has taken braking measures in an emergency, but the braking force is insufficient, AEB will provide a certain amount of additional braking force to achieve the best braking effect and avoid or reduce the damage caused by the collision.

AEB

If the driver fails to respond to the emergency and the dangerous situation escalates further, AEB will be activated. The system will apply braking force within its capacity to avoid or reduce the damage caused by the collision to a certain extent. The AEB performance will be weakened when the speed of the subject vehicle exceeds about 85km/h.

When AEB system is in emergency braking assist (EBA) or automatic emergency braking (AEB) state, the instrument cluster will provide audible and visual warnings, and the brake pedal will actively sink.

CAUTION

- The AEB does not work in the following situations (including but not limited to):
- The vehicle is in P or R gear;
- ESC is off;
- The driver seat belt is not fastened;
- The driver side door or engine hood is open.
- AEB shall be turned off when the vehicle is being towed, pulled into the automatic car wash, undergoes annual inspection, placed on the hub test bench, or is running off-road or on a race track.
- AEB generally only acts on vehicles ahead in the same lane and direction or crossing pedestrians, but may be triggered by objects that are similar in shape or characteristics to vehicles, pedestrians, or two-wheelers.
- Vehicles running in the opposite direction of the subject vehicle in the same lane or crossing the same lane may cause the AEB to not function properly.

WARNING

- The driver shall always take ultimate responsibility for ensuring safe driving of vehicles and comply with applicable road traffic safety laws and regulations. AEB cannot replace the driver to control the vehicle, but can only assist the driver in braking the vehicle and work in limited driving scenarios. The driver needs to observe road traffic conditions at all times to avoid danger.
- It is strictly forbidden for the driver to actively test the AEB to avoid unnecessary injury or even death.
- AEB can make the vehicle speed reduce to a limited extent (less than or equal to 45km/h), and can not prevent collision completely. The driver shall always pay attention to the danger of collision and take braking measures in time.
- When the AEB is activated, the occupants or objects in the vehicle may be displaced due to inertia, which may cause injury in severe cases.

Traffic sign recognition (TSR)

TSR detects traffic sign information on the road through intelligent driving sensors and displays corresponding sign icons on the instrument cluster to remind the driver to drive in a standardized manner.

On/off

It can be turned on/off on the CSD›› Car›› Driving Assistance interface.

When the vehicle is powered on again, the system will memorize the last function setting state.

CAUTION

- When no new traffic sign is recognized for a period of time, the traffic sign on the instrument cluster will disappear.
- When the traffic sign is being obstructed, unclear, worn, missing, non-standard etc., TSR may fail to detect the traffic sign.

WARNING

- The driver shall always take ultimate responsibility for ensuring safe driving of the vehicle and comply with applicable road traffic safety laws and regulations. TSR is a driving assistance function that can only function in limited driving scenarios, and the driver needs to constantly observe road traffic conditions to avoid danger.

Intelligent high beam control (IHBC)

IHBC detects the headlamps, tail lamps of the vehicle ahead and street lights through intelligent driving sensors, assisting the driver in automatically switching between high and low beams.

When the headlamps of oncoming vehicles, tail lamps of vehicles ahead in the same direction, or other light sources are not detected continuously, it will automatically switch to high beams.
When the headlamps of oncoming vehicles, tail lamps of vehicles ahead in the same direction, or other light sources are detected, it will automatically switch to low beams.

On/off

It can be turned on/off on the CSD❯❯Car❯❯ Lighting interface. When the vehicle is powered on again, the system will memorize the last function setting state.
When activating the IHBC function, it is necessary to simultaneously set the combination light switch to "AUTO" mode.

Function control

When the IHBC function is activated and the low beams are automatically turned on when the light meets the conditions, the IHBC enters the activation state, and the IHBC indicator on the instrument cluster is illuminated; When the vehicle speed exceeds 30km/h, the system will automatically switch between high and low beams based on the current driving environment conditions.

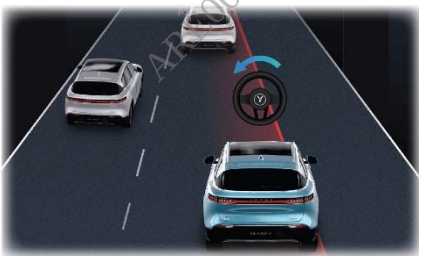
CAUTION

- The system will switch to low beams in any of the following conditions:
- The driving environment is bright enough;
- The headlamps of oncoming vehicles and tail lamps of vehicles ahead in the same direction or other light sources are detected;
- The vehicle speed is lower than 25km/h;
- The fog lamps are turned on;
- The wipers are in HI gear for a certain period of time;
- The steering wheel is turned suddenly;
- The vehicle is traveling in a sharp turn.

WARNING

- The driver shall always take ultimate responsibility for ensuring safe driving of vehicles and comply with applicable road traffic safety laws and regulations. The IHBC function is a driving assistance function that can only function in limited driving scenarios, and the driver needs to constantly observe road traffic conditions to avoid danger.

Lane keeping assist (LKA)



The lane keeping assist includes two major safety driving assistance functions: Lane Departure Warning (LDW) and Lane Keeping Assist (LKA). It detects the lane line ahead through intelligent driving sensors and calculates the actual position of the vehicle in the lane (vehicle trajectory).

- When LDW is activated: When the vehicle deviates from its own lane, the vehicle emits a warning sound or the steering wheel vibrates, and the instrument cluster displays warning information to remind the driver to control the vehicle in a timely manner;
- When LKA is activated: When the vehicle deviates from its lane, the system can assist in keeping the vehicle in its lane by controlling the steering system, reducing the driver's steering burden, and improving driving comfort and safety.

Operating range of LDW&LKA: The vehicle speed is between 60-150km/h.

On/off

It can be turned on/off on the CSD❯❯Car❯❯ Driving Assistance interface.
After the function is turned on, touch Custom to enter the submenu interface.

- Lane keeping assist (LKA) mode:
- Select "LDW" to enable the LDW function separately and disable the LKA function;
- Select "LKA & LDW" to activate both LDW and LKA functions simultaneously.
- Lane departure warning method: sound/vibration
- Lane departure warning sensitivity setting: low/high
- When the vehicle is powered on again, the system will memorize the last function setting state.

Lane departure warning (LDW)

When the LDW is in operation, the indicator lights up in green. If the vehicle trajectory deviates, the lane line on the instrument cluster will turn red and be accompanied by a buzzer warning or steering wheel vibration, reminding the driver to control the vehicle in time.

Lane keeping & departure warning (LKA)

When LKA is in operation, the indicator lights up in green. If the vehicle trajectory deviates, LKA will control the steering system to assist in keeping the vehicle in its lane.

If the LKA cannot rectify the vehicle back to its own lane, and the vehicle continues to deviate from the lane line, the system will issue a warning sound or the steering wheel will vibrate, and the indicator for lane line on the instrument cluster will turn pale red to remind the driver to control the vehicle in time.

Automatic parking assist (APA)

APA detects information about parking spaces and obstacles through intelligent driving sensors. The system processes the identified environmental data and plans the parking path to the target parking space, controls the vehicle to automatically move forward, backward, steer, brake and other operations, and park the vehicle in/out of the parking space.

The APA can identify marked parking spaces on the ground, including standard horizontal parking spaces, vertical parking spaces, and diagonal parking spaces; it can also identify spatial parking spaces, such as parking spaces in the middle of two vehicles, including horizontal spatial parking spaces, and vertical spatial parking spaces.

On/off

When the vehicle speed does not exceed 25km/h and the vehicle is started:

- Press the button on the console to turn on the APA; Press it again to turn off the APA.
- On the parking interface, touch the icon to turn on the APA; Touch it again to turn off the APA.
- Wake up through voice commands, such as "Hi VOYAH, turn on automatic parking" or "Hi VOYAH, turn off automatic parking".

CAUTION

- The following situations (including but not limited to) will cause the APA to be limited or work abnormally:
  - Passing through complex road surfaces (such as curves, uphill/downhill, expressway ramps, railway crossings, toll stations, slippery roads, congested roads, snow-covered roads, ice-covered roads, road joints, curbs, complex pedestrian crossings, etc.);
  - The stop line is obstructed, unclear, worn, missing, etc.;
  - There is strong reflection on the ground.
  - In bad weather (such as fog, haze, rain, heavy snow, hail, etc.).
  - Insufficient light in the surrounding environment (such as dawn, dusk, night, tunnel, etc.);
  - Other environmental factors (such as strong light, disorderly night lights, electromagnetic field interference, high or low ambient temperature, etc.);
  - The surface of the intelligent driving sensor at the front and rear bumpers or front windshield is covered with moisture, frost, ice and snow, mud, dirt, raindrops, or is obstructed, bumped or damaged;
  - Unauthorized removal & refitting or alteration of the position of intelligent driving sensors, resulting in strong vibrations or slight impacts that affect sensor performance.
- The following situations (including but not limited to) may lead to the accidental release of parking spaces during the search process. Please determine whether to activate the parking function based on the actual scenario:
  - The distance from the marked parking space (more than 1.5 m) resulted in the accidental release of a parking space with a car;
  - There are obstacles such as cones, warning signs, thin poles, and low cylinders in front or inside the parking space;
  - There are obstacles (such as cotton jackets) in front or inside the parking space that absorb ultrasonic waves;
  - When searching for a parking space, the vehicle speed is too high. Please try to keep the vehicle speed below 10km/h.

- The following situations (including but not limited to) may cause sudden braking during parking, and even lead to safety risks such as collisions. The driver shall remain vigilant and take over the vehicle at any time:
  - There are ground locks, wheel chocks, square pillars with right angles, or potholes or unevenness on the road in or near the target parking space;
  - There are vehicles using ultrasonic probes of the same frequency or moving objects (such as vehicles, pedestrians, etc.) around;
  - There are green belts, grass, and trees in or near the target parking space.
- Do not use the APA in the following conditions (including but not limited to) owing that the APA may not work as expected, or even cause a risk of collision:
  - The target parking space is narrow or three-dimensional;
  - There are thin, pointed, low and suspended objects near the target parking space, such as low stone piers, low columns, thin poles, fire hydrants, etc.;
  - There are speed bumps, steps and road surfaces with height differences near the target parking space;
  - There are ditches, cliffs, pools, etc. near the target parking space;
  - When the target parking space is close to a roadside fence, wall, street lamp, tree, bush, or pillar;
  - When there are buses, vans, trucks, bicycles, tricycles or other special vehicles near the target parking space;
  - When the vehicle near the target parking space is equipped with a tow hook;
  - When there are hollow obstacles such as wire mesh next to the target parking space;
  - The target parking space is narrow;
  - The target parking space is on a slope;
  - When the vehicle is fitted with trailer or snow chains, a spare tire or a non-original tire is used, and the tire pressure is too low;
  - When the load exceeds the size of the subject vehicle body;
  - In harsh weather, like snow accumulation on the road surface in moderate to heavy snow weather, or water accumulation on the road surface in moderate to heavy rain weather, the system may not find a parking space, or safety risks may arise due to the inability to detect obstacles.

WARNING

- When APA is turned on, special attention should be paid to whether there are pedestrians, children, animals, and other thin, sharp, short, suspended obstacles that are not detected by radar near the vehicle.
- The driver must always pay attention to traffic conditions and road environment, and only turn on the APA in a safe environment.
- APA can only assist the driver in parking, and the driver needs to always pay attention to the surrounding environment of the vehicle and be prepared to take over the vehicle at any time, otherwise there may be safety hazards.
- Do not turn on APA on slopes or in narrow parking spaces.
- When APA is faulty, please contact the VOYAH Service Center.

Parking distance control (PDC)

PDC measures and locates obstacles using the ultrasonic sensor system to alert the driver of the presence and distance of obstacles around the vehicle.

Operating range of PDC: The vehicle speed is between 0 km/h and 15km/h. When the vehicle speed exceeds 15km/h, the system stops working; After the vehicle speed drops below 12km/h, the system is activated again.

Radar mute

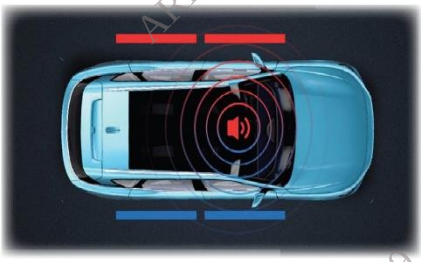
When the vehicle is stationary for more than 2s in D/N gear, and the distance between the vehicle and the detected obstacle remains unchanged, the radar system automatically mutes.

On the view interface of AVM, touch the radar mute button to turn on/off radar mute.

CAUTION

- When pasting the invisible car cover, it is necessary to drill a hole at the position of the radar sensor to ensure that the sensor is fully exposed, avoid obstructing the radar sensor, and ensure that the car cover around the hole is flat and free of burrs, so as not to affect the detection accuracy. To prevent vehicle scratches, it is recommended to contact the VOYAH Service Center for professional operation.
- The area within 25 cm of the bumper is the blind spot of the radar system, and objects located in this area may not be detected.
- PDC will stop working when the gear shifts to P position.
- PDC may fail to detect obstacles in the following situations (including but not limited to):
  - Objects that are 5 cm to 10 cm lower than the radar sensor;
  - Wire, cable and other meshes;
  - Vehicles with large ground clearance, such as muck trucks, etc.;
  - Ditches, soft snow, cotton, sponge and other objects in front and behind the vehicle that easily absorb ultrasonic waves.
  - Moving objects.
- When the vehicle is on uneven roads or grass, the radar may generate false alarms, and the driver can use the AVM to make judgments.
- The radar system may be subject to interference from sound and electromagnetic waves in the environment, causing false alarms.
- Dirty, blocked, bumped or damaged surfaces of the front and rear bumpers will affect the detection effect of the radar. Please deal with it in time.

Side distance warning (SDW)



SDW employs the PDC to detect obstacles and determine the vehicle trajectory, and provides distance alarm prompts for obstacles that enter the blind spot on the side of the vehicle.

Operating range of SDW: When the vehicle speed drops from high speed to 12km/h, the SDW system is activated, and the maximum alarm range on the side is 45cm.

CAUTION

- SDW determines whether to issue an audible alarm according to whether the obstacle is on the vehicle's driving trajectory. The audible alarm prompt is only issued when the obstacle is on the vehicle trajectory, and some objects in the alarm area may not be detected.
- SDW cannot determine whether the obstacle is in a moving state. If an obstacle has moved into the side blind spot, the system may still indicate its original detected position.

AVM

AVM employs 4 external cameras to capture the surrounding environment of the vehicle and display it on the CSD, providing the driver with information on the surrounding environment of the vehicle in real time, and assisting the driver to park safely or pass through complex road conditions.

On

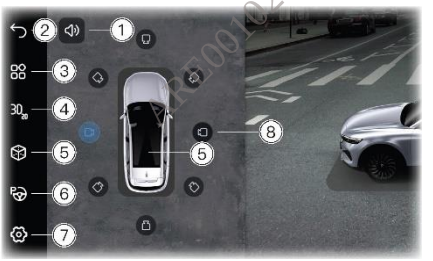
After the vehicle is powered on:

- When R gear is engaged, AVM will be automatically turned on.
- AVM can be activated through the button on the console.
- In the AVM interface›› Settings, choose the function of AVM on/off triggered by steering. After the function is activated, AVM will be automatically turned on (non-navigation mode) when the driver turns on the turn signal lamp at a speed below 25km/h.
- In D and N gears, when PDC detects an obstacle at a speed below 15km/h, the AVM is automatically activated.
- When in non R gear and the vehicle speed is below 25km/h, the driver can activate the AVM by saying "Hi VOYAH, turn on AVM" or "turn on AVM".

Off

- When P gear is engaged, the AVM will be automatically exit.
- In non R gear, when the driver says "Hi VOYAH, turn off 360 °/turn off AVM" on the AVM interface, the AVM will be turned off.
- In non R gear, when the vehicle speed exceeds 30km/h, the AVM will automatically exit.
- In non R gear, the AVM can be turned off by pressing the return button on the AVM interface.
- In non R gear, the AVM can be turned off by pressing the button on the console.

Sub-functions of AVM



After the system is working, the AVM interface is entered, where you can perform the following operations or view prompt information:
① Radar mute ② Return ③ Switching to more perspectives ④ Display mode switching (2D/3D) ⑤ Transparent body switching
⑥ Enabling HAVP parking integration
⑦ Settings (can be set for license plate number, intelligent perspective switching, trajectory line, and steering triggered AVM function)
⑧ Camera orientation switching

Transparent body

On the AVM interface, click the top view car model area or the transparent body switch button to turn on/off the transparent body function.
Turning on transparent body by voice: When the driver says "Hi VOYAH, turn on transparent body/turn on transparent chassis", the transparent body function can be activated.
Turning off transparent body by voice: When the driver says "Hi VOYAH, turn off transparent body/turn off transparent chassis", the transparent body function can be turned off.

CAUTION

- When the AVM is turned on, the CSD will display the pictures taken around the vehicle and the corresponding assist lines.
- Dirty, blocked, scratched or damaged surface of the AVM camera will affect the recording of the surrounding environment of the vehicle. Please deal with it in time.

WARNING

- The driver shall always take ultimate responsibility for ensuring safe driving of vehicles and comply with applicable road traffic safety laws and regulations. The AVM cannot replace the driver to perform the safety confirmation of the surrounding environment of the vehicle and can only assist the driver to observe the surrounding environment of the vehicle. The driver shall always pay attention to the road environment to avoid danger.

Driving assist warning system

The vehicle is equipped with various driving assistance warning systems as shown in the table below, which assist the driver in perceiving the surrounding environment through intelligent driving sensors and improve driving safety. It is recommended that the driver not turn them off while driving.

Name	Function introduction	Warning mode
Front vehicle start reminder (FVSR)	When the vehicle ahead leaves, it reminds the driver to drive the vehicle to prevent obstructing subsequent traffic.	When the vehicle ahead leaves, the instrument cluster will display a reminder message to remind the driver to drive the vehicle, avoiding rear vehicles honking to urge, and improving traffic efficiency.
Blind spot detection (BSD) and lane change assist (LCA)	BSD/LCA can detect the adjacent lanes behind the vehicle, remind the driver to pay attention to driving safety in time, and give prompts when changing lanes.	- During normal driving, when the system detects a vehicle with a risk of collision within the side rear warning range, the warning indicator on the exterior rearview mirror on the corresponding side will light up. - If you turn on the turn signal on the same side at this time, the warning lamp of the exterior rearview mirror will flash, accompanied by a warning sound, to remind the driver that changing lanes may pose a danger.
Door open warning (DOW)	It detects moving targets in the left and right areas behind the subject vehicle. When a collision risk is detected, the driver is alerted by the warning lamp of the exterior rearview mirror and warning sound to prevent collisions when opening the door or getting off the vehicle.	- If the vehicle is in an unlocked state and the doors are closed, when the system detects pedestrians, moving vehicles, or moving objects approaching quickly outside the doors on both sides within the rear alarm range, the warning lamp on the exterior rearview mirror on the corresponding side will light up to remind the driver of the risk of collision when opening the door. - If the door is opened at this time, the system will emit a warning sound and the warning lamp will flash, once again reminding the driver of the risk of collision.
Front crossing traffic alert (FCTA)	It alerts the driver of the risk of collision when it detects moving targets approaching in the left and right areas in front of the vehicle.	When the system detects a collision risk on the front side, the warning lamp on the exterior rearview mirror on the corresponding side will light up, accompanied by a warning sound.
Rear crossing traffic alert (RCTA)	It alerts the driver of the risk of collision when reversing when it detects moving targets approaching in the left and right areas at the side rear of the vehicle.	When the vehicle shifts into the R gear (reversing) and the system detects a collision risk on the side rear, the warning lamp on the exterior rearview mirror on the corresponding side will light up, accompanied by a warning sound.
Rear collision warning (RCW)	It reminds the driver of the possibility of a rear end collision when the vehicle behind it is traveling at a fast speed and may collide with the subject vehicle.	When the system detects a risk of collision in the rear, the instrument cluster displays alarm information, accompanied by a warning sound, and the hazard warning lamps flash rapidly to warn the vehicles behind to maintain a safe distance.
Vehicle sound for pedestrians (VSP)	When the vehicle is running at a low speed, VSP will issue a warning sound for pedestrians approaching the vehicle to warn pedestrians to pay attention to safety.	- The prompt sound increases with the increase of vehicle speed when the vehicle speed exceeds 0km/h and is lower than or equal to 20km/h. - The prompt sound decreases with the increase of vehicle speed when the vehicle speed exceeds 20km/h and is lower than or equal to 30km/h. - The warning sound automatically stops when the vehicle speed exceeds 30km/h.

CAUTION

- AEB and FCW can better assist the driver in emergency situations and reduce collision risks. It is recommended that the driver does not turn off these function during normal driving.
- BSD/LCA may be subject to delay, and the driver needs to pay attention to the running status of the vehicle at all times.
- The driving assistance function is only suitable for ordinary road surfaces with good condition and signs, and may not work normally under the following conditions (including but not limited to):

- Passing through road sections with no lane lines or with lane lines unclear, obstructed, worn, intersecting or with sudden lane changes (such as non-standard roads, areas where lane lines converge or separate, highway ramps, urban intersection areas, left turn waiting areas, intersections, construction areas, etc.).
- Road sections with lane markings on both sides that are too wide, too narrow, or with special lane lines (such as deceleration prompt lines, diversion lines, etc.);
- Passing through complex road surfaces (such as curves, uphill/downhill, expressway ramps, railway crossings, forks, toll stations, service areas, slippery roads, snow-covered roads, ice-covered roads, road joints, curbs, complex pedestrian crossings, road guardrails, tunnel entrances, uneven roads, lanes with bumps or potholes etc.);
- Complex conditions such as congested roads etc.;
- When the subject vehicle accelerates or decelerates or steers sharply or deviates from the lane;
- Vehicles ahead with smaller rear sections (trailers, motorcycles, bicycles, etc.);
- The vehicle ahead urgently brakes or cuts into the lane of the subject vehicle or a person or animal suddenly intrudes ahead;
- In bad weather (such as fog, haze, rain, heavy snow, hail, etc.).
- Insufficient light in the surrounding environment (such as dawn, dusk, night, tunnel, etc.);
- Other environmental factors (such as strong light, disorderly night lights, electromagnetic field interference, high or low ambient temperature, etc.);
- Changes in body height (such as air suspension working, under-inflated tires, overloaded vehicle or going up and down hills, etc.);
- When the subject vehicle is equipped with a trailer or tractor;
- The surface of the intelligent driving sensor at the front and rear bumpers or front windshield is damp, frosted, dirty, obstructed, bumped or damaged.

WARNING

- The driver shall always take ultimate responsibility for ensuring safe driving of vehicles and comply with applicable road traffic safety laws and regulations. The driving assistance function cannot completely replace the driver to control the vehicle, and can only function in limited driving scenarios. The driver needs to observe road traffic conditions at all times and take over the vehicle in a timely manner if necessary to avoid danger.
- It is strictly forbidden for non-drivers to touch the driving assistance related setting buttons, otherwise serious consequences may occur.
- When the vehicle ahead suddenly brakes or changes lanes, or thee vehicle behind is rapidly accelerating or changing lanes, the driving assistance system may not be able to make a judgment, and the driver shall take over the vehicle in time.
- The use of BSD/LCA in "trailer mode" is strictly prohibited.

Outline dimension

Unit: mm

Item		Parameter (mm)
Outline dimension	Vehicle length	4905
	Vehicle width	1950
	Height	1645
Wheelbase		2960
Tread	Front wheel	1654
	Rear wheel	1647
Front suspension		936
Rear overhang		1009

Note: The size of exterior rearview mirrors and antenna located above the rear of the roof are not included in vehicle dimensions.

Basic performance parameters of vehicle

Mass parameters

Kerb mass (kg)			Maximum allowable total mass (kg)		
Curb mass	Front axle load	Rear axle load	Maximum total mass	Front axle load	Rear axle load
2270	1221	1049	2655	1351	1304

Performance parameters

Item	Performance parameters
Minimum turning diameter	11.5m
Maximum gradient	30%
Maximum speed	200km/h

Range extender parameters

Item	Parameters
Rated power/rpm	110kW/5500rpm
Maximum torque/speed	220N•m/2500~4000rpm
Total displacement	1499mL
Emission	China 6b

Drive motor parameters

Category/parameter					
Front drive motor			Rear drive motor		
Peak power (kW)	Peak torque (N•m)	Peak speed (r/min)	Peak power (kW)	Peak torque (N•m)	Peak speed (r/min)
160	310	16000	200	410	16000

Fluid specification and volume

Item	Type	Specification	Capacity
Fuel	Fuel tank	No.95 and above unleaded gasoline	56L
Coolant	Motor expansion tank	Original coolant of VOYAH (-35 ℃)	16.5±0.5L
	Range extender expansion tank		6±0.5L
Fully synthetic transmission lubricating oil	Front motor reducer lubrication system	CASTROLBOT805CEV	0.85±0.05L
	Rear motor reducer lubrication system	CASTROLBOT805CEV	0.85±0.05L
High voltage generator cooling oil	High voltage generator cooling system	EHSF-2LV	1.4±0.05L
Range extender oil	Range extender lubrication system	SP 0W20 fully synthetic lubricant	Dry type: 4.5L Wet type: 4L
Windshield washer fluid	Windscreen cleaning system	Choose the washer fluid of corresponding antifreeze level according to the actual local temperature	3.7L
A/C refrigerant	A/C cooling system	R134a	620g
Brake fluid	Brake System	DOT4	0.7L

Note: Adding fuels with sulfur, fluorine, chlorine, and other contents higher than the standard can lead to excessive emissions and even engine damage. Please pay attention to using fuels that meet local standards.

Parameters of high voltage battery

Item	CATL cell	SVOLT cell
Battery type	Ternary lithium ion battery	
Nominal voltage (V)	329.4	333
Rated energy (kW·h)	39.2(1/3C)	39.4(1/3C)
Nominal capacity (Ah)	114	

Wheel dynamic balance value

Name		Residual dynamic unbalance
Front wheel	Inside	8g
	Outside	8g
Rear wheel	Inside	8g
	Outside	8g

Technical parameters of brake lining

Item	Parameters
Wear limit of front wheel brake friction plate (excluding friction plate back plate)	2mm
Wear limit of rear wheel brake friction plate (excluding friction plate back plate)	2mm

Brake pedal travel

Item	Parameters
Total trip	117mm
Free travel	9.75mm

Wheel parameters

Item	Parameters	
Rim specification	8J×19	8.5J×20
Tire specifications	255/50R19	255/45R20

Wheel alignment value

Name		Parameters
Steering wheel	Toe-in (°)	0.10±0.05
	Camber angle (°)	-0.71±0.5
	Kingpin caster (°)	3.98±0.5
	Kingpin inclination angle (°)	4.21±0.5