

## Preface

Thank you for your selection of a NETA pure electric vehicle manufactured by Zhejiang Hozon New Energy Automobile Co., Ltd. (hereafter referred to as HOZON Auto).

The NETA pure electric vehicle (hereafter referred to as NETA Auto) is characterized by zero emission, low maintenance-cost, low noise, high efficiency, energy saving and easy operation, which will bring you a comfortable and pleasant driving experience.

This manual is applicable to NETA U model. Be sure to read this manual carefully before driving your vehicle for the first time. Be familiar with your vehicle's structure and features, usage methods and the relevant regulations of NETA Auto as soon as possible. The information included in this manual will help you understand the correct method of driving and maintenance, so that you can enjoy the driving pleasure fully.

The purpose of this manual is to provide you with instructions and guidance on the use and maintenance of your vehicle. Please check the purchase contract for the specific configuration of your vehicle. If you have any questions and concerns about your vehicle and this manual, please contact the NETA Auto Customer Service.

As we continue to remodel and improve the NETA Auto, we reserve the right to change specifications or design at any time without notice. Do not compare your vehicle's configuration and performance in this manual with the information included in any other version of manual. Do not use the difference between the two as an excuse to request additional equipment. If you are unclear about your vehicle and this manual, please consult your NETA Auto service station.

It is not allowed to modify the vehicle in any way. Doing so may cause adverse affects on your vehicle's safety and durability and violate your vehicle's limited warranty conditions.

Be sure to abide by strictly all laws and regulations related to automobiles. The relevant laws and regulations have been fully considered and followed when this manual was written, but some of the articles may not comply with the latest laws and regulations revised when you purchase your vehicle.

Please make sure this manual stays with the vehicle if you sell it. The next owner will find it just as helpful.

# User Instructions

We have provided many important safety informations with three words, Warning, Caution, Hint, and some special symbols in this manual. Please read these informations carefully. The purpose of these informations is to help prevent potential hazards that could hurt you or others and damage to your vehicle.

⚠ "Warning" indicates that failure to follow the instructions will probably lead to serious personal injury or even death.

⚠ "Caution" indicates that dangerous or unsafe operation will cause personal injury or vehicle damage.

ⓘ "Hint" indicates to remind driver and passengers to avoid operations that endanger the safety of vehicle or people.

Equipment marked with "\*" is only suitable for some models or is only an option or an optional function for some models. Please refer to actual vehicle configuration.

When you select a NETA, the service staff of NETA Auto service station will be pleased to help you. Take time to study this manual to grasp how to drive, charge, and maintain your NETA pure electric vehicle. When in use, your NETA Auto service station is dedicated to your satisfaction and will be pleased to answer any questions and concerns. If necessary, please contact your NETA Auto service station in time or dial the official service call.

- 1 Your vehicle is equipped with a high-voltage power battery to power the high-voltage drive motor. We have strictly followed the relevant national and industry standards to design, manufacture and assemble all high-voltage cables and connectors. To prevent electric shock, do not touch any high-voltage cables (colored in orange) or connectors, unless otherwise specified in this manual.
- 2 Follow the instructions on WARNING labels on the parts of vehicle carefully.
- 3 Any changes to your vehicle components may affect its performance and high-voltage safety, causing potential hazards such as electric shock. Therefore, any work involving removing electrical system or replacing relay must be carried out by NETA Auto service station. It is strictly forbidden to remove or replace it by yourself!
- 4 Recommendations for driving in extreme weather:
  - When driving in hot summer, to ensure your safety and protect your vehicle, park your vehicle in an open area with good ventilation. Do not expose your vehicle to direct sunlight for a long time.
  - On rainy days, if your battery pack bottom is submerged in surface of water, do not start your vehicle. Instead, please contact your NETA Auto service station in time.

# User Instructions

- In winter, charge your vehicle as you use it, as its power battery becomes low-efficient. To improve the charging efficiency, be sure to charge your vehicle immediately after use.
- 5 Precautions for use of front compartment:
- Do not open the front compartment until the power mode is set in the OFF position.
  - Do not touch any component with high-voltage warning label in front compartment directly.
  - Do not spray water to wash the inside of the front compartment.
  - Do not open front compartment cover in the rain to prevent electrical leakage.
  - Do not turn on any high-voltage components without authorization.
  - If the indicator of high voltage part on instrument cluster display lights on, it indicates that there is malfunction in the high voltage system. Immediately contact your NETA Auto service station.
- 6 If any door fails to open, the 12V battery may be too low to unlock the door. In this case, please contact your NETA Auto service station in time.
- 7 If your vehicle cannot be started:
- Check the power meter of battery.
  - Check the state of charge. If the power battery is low, please charge the vehicle.
- If the vehicle still cannot be started after performing the above operations, please contact your NETA Auto service station in time.
- 8 In the event of an accident:
- Shift to N or P and set the power mode to OFF. For the reason of safety, turn on the EPB (Electrical Park Brake) switch at the same time.
  - If any wire on the vehicle is exposed or damaged, do not touch it to prevent electric shock.
  - If a fire occurs, get off the vehicle immediately and use a water-based fire extinguisher to extinguish the fire.
  - Do not try to start the vehicle again if the vehicle was involved in a collision.
  - If the vehicle was partially or fully submerged in water, turn off the start/stop button and leave as soon as possible. It is not allowed to conduct salvage operation if the vehicle still produces bubbles or sizzles. Be sure to wait for the bubbles or sizzling noises disappear, and then have the service staff with special equipment salvage the vehicle.
  - After salvaging, please contact your NETA Auto service station for inspection and repair immediately.
  - Keep the rescue information card in your vehicle so you can show it to the rescuers on site.

# User Instructions

- Be sure to set the interior A/C for cooling or heating to an appropriate temperature. Using A/C for cooling or heating will reduce the driving mileage by about 10% to 20%.
- 9 Depressing the accelerator pedal gently provides both safety and power saving. This will give you driving pleasure.
- 10 Your vehicle is provided with an energy recovery system. When shifting to D to coast or depressing brake pedal to slow down, the energy recovery system will charge your vehicle.
- 11 The vehicle has four power modes, namely, OFF (power off), ACC (accessories powered on), ON (vehicle powered on) and START (starting the vehicle):
- Press the start/stop button once to set the power mode to ACC.
  - Press the start/stop button twice to set the power mode to ON.
  - In the ACC or OFF position, depress brake pedal and press start/stop button to set the power mode to START.
- 12 Applicability of documents
- The release of the latest version may not be described in this manual. If the information included in this manual is inconsistent with the information in the Software Update, the latter shall prevail.
- 13 Illustration
- The illustrations in this manual are for demonstration purposes only. The information displayed on your vehicle's multimedia display may vary slightly depending on vehicle model, software version and market area.
- 14 Product specification
- The information and specifications included in this manual were accurate at the time of printing. However, we reserve the right to modify at any time, as continuous improvement is NETA Auto's goal.
- 15 Please contact your NETA Auto service station for inspection and repair if one of the following conditions (including but not limited to) occur: vehicle is soaked in water, vehicle is involved in a collision or there is serious fault alarm signal in instrument (e.g., insulation fault and power battery fault), etc.

## User Instructions

### Special note

- NETA Auto will continuously improve its products to ensure that its vehicles meet high-quality and high-safety standards. In some cases, the information included in this manual may be different from that of your vehicle. All information in this manual is the latest information at the time of publication. NETA Auto reserves the right to modify and update this manual at any time without notice.

**We wish you to drive safely and travel easily to live a smart life.  
Your vehicle will give you years of driving pleasure!**

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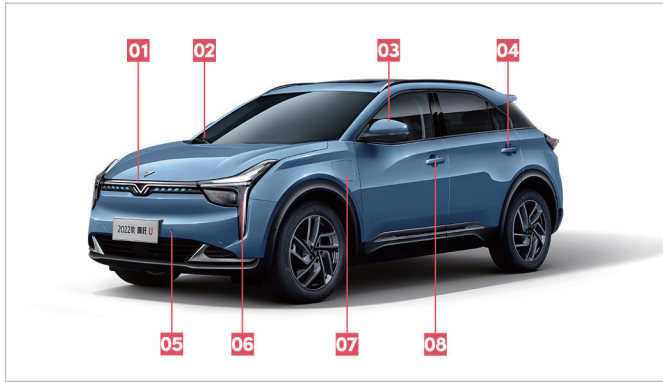
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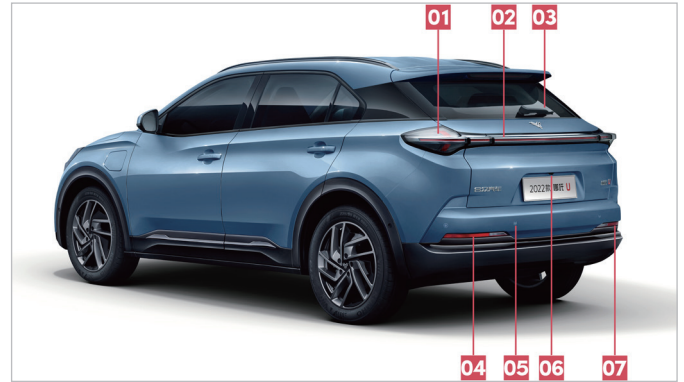
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## Vehicle exterior

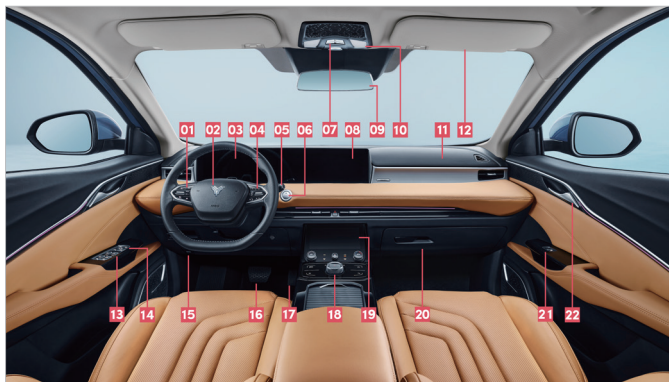


- 01** Front full-width lamp
- 02** Front wiper
- 03** Outside rear view mirror
- 04** Rear door outside handle
- 05** Front parking sensor
- 06** Front lamp cluster
- 07** Slow charging port (quick charging port is on the right)
- 08** Front door outside handle



- 01** Rear lamp cluster
- 02** Rear full-width lamp
- 03** Rear wiper
- 04** Fog lamp
- 05** Rear parking sensor
- 06** Rear camera
- 07** Reversing lamp

## Vehicle interior



- 01 Cruise system control switch
- 02 Driver's airbag
- 03 Instrument cluster display
- 04 Multimedia control switch
- 05 Wiper operation handle
- 06 ENGINE START STOP switch
- 07 Sunroof control switch
- 08 Central control display
- 09 Inside rear view mirror
- 10 Ceiling lamp
- 11 Front passenger's airbag
- 12 Sun visor
- 13 Window control switch
- 14 Outside rear view mirror adjustment switch
- 15 Electric hand brake switch
- 16 Brake pedal
- 17 Accelerator pedal
- 18 Gearshift knob
- 19 A/C control panel
- 20 Glove box
- 21 Front passenger window control switch
- 22 Door interior handle

## Key information

### Fingertip gyro remote key



This vehicle is equipped with a fingertip gyro remote key to lock/unlock doors and tailgate, and operate electrical components.

#### Caution

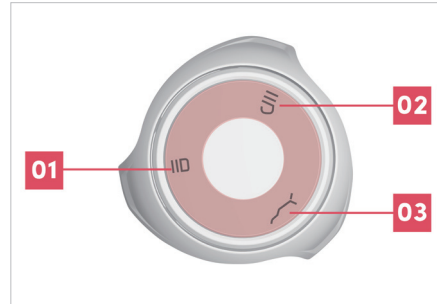
When using the key, please pay attention to the following to avoid affecting its function:

- Do not let the key come into contact with any liquid.
- Do not hit any hard objects with the key.
- Do not modify the key.

### Introduction to the function of fingertip gyro key

The wireless remote control function is used to unlock/lock all doors at a short distance and activate the accessories.

When entering the activation area with a legal smart key, press the button on the key slowly and firmly to lock or unlock all doors.



**01** Locking: When the power mode is set to OFF and all the doors and front compartment cover are closed, press LOCK button to lock all the doors at the same time.

If any ajar door is detected, vehicle turn signal lamps will not flash, and the alarm will sound once.

**02** Unlocking: Press UNLOCK button to unlock all the doors at the same time.

If the power mode is set to a mode other than

OFF, the doors cannot be unlocked/locked with the UNLOCK/LOCK button.

**03** Tailgate unlock button: When the power mode is set to OFF or vehicle speed is below 5 km/h, long press the tailgate unlock button to unlock the tailgate.

Vehicle locating (by pressing the button **01** twice in succession)

When the vehicle is set in anti-theft state, pressing LOCK button twice continuously allows the turn signals to flash for 20s and the horn to sound twice. You can use this function to locate your vehicle if the position of vehicle cannot be confirmed.

#### Hint

- If the key's battery voltage is below 2.3 V, this will be prompted in the instrument.
- You can set the remote vehicle locating when the power mode is set to ON but not to ACC and 10-minute mode.
- You can set the vehicle locating feedback to flashing + honring or only flashing in central control display, as well as the duration.
- During vehicle locating, press the UNLOCK button on smart key to cancel it.

## Mechanical key



This vehicle is also equipped with a mechanical key to lock/unlock the driver's door manually.

You can place the mechanical key at the start/stop button to sense and start the vehicle in an emergency.

## Open and close tailgate

### Tailgate unlocking

When the power mode is set to OFF or vehicle speed is below 5 km/h, long press the tailgate unlock button to unlock the tailgate.

### Electric tailgate

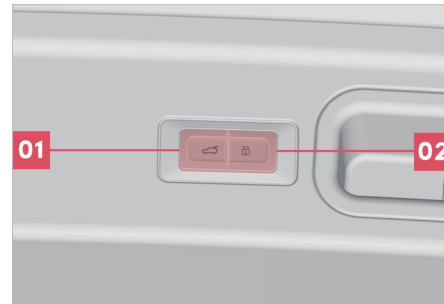


As the electric tailgate is provided with foot sensing function, if you carry the smart key in the specified range, just kick your leg back and forth under the rear bumper to open/close the tailgate automatically.

## Caution

- If the rear bumper is covered with a lot of ice, snow, dirt or the similar, the foot sensing function may be weakened or failed. Make sure to keep the rear bumper clean.
- When triggering the tailgate unlocking in full anti-theft state, the vehicle enters the semi anti-theft state. Opening the tailgate will not trigger an alarm at this time.
- When the tailgate is closed again, the full anti-theft state is activated.

### Electric tailgate switch

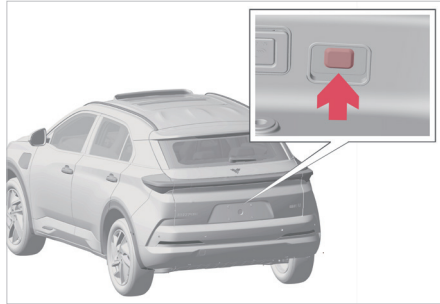


**01** Close the tailgate and set the vehicle in anti-theft cancellation state.

**02** Close the tailgate and set the vehicle in an-

ti-theft state.

Opening the tailgate with the tailgate switch



When the vehicle is locked, if a valid smart key is detected within a distance of 1m from tailgate switch, press the tailgate switch on the tailgate (or kick your leg) to lift the electric tailgate automatically.

Tailgate anti-pinch protection

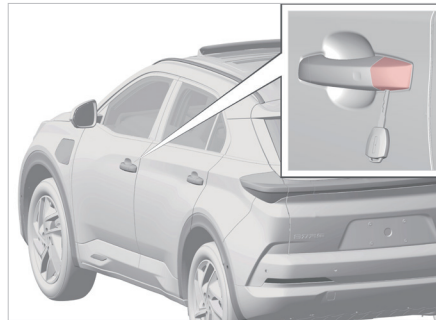
If something with sufficient resistance prevents the tailgate from opening/closing, its anti-pinch protection will be activated.

- If interrupted during opening, the tailgate stops and a long tone is signaled.
- If interrupted during closing, the tailgate stops, a long tone is signaled and the tailgate reverses by 5°.

### **Warning**

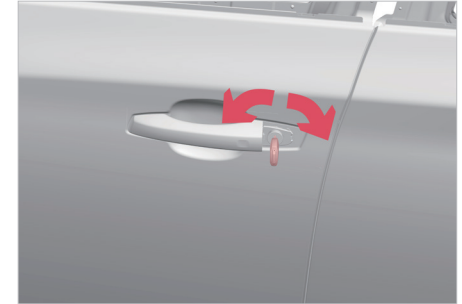
- There is a risk of pinching when opening/closing the tailgate. Make sure no one stands beside the tailgate before opening/closing it. Failure to do so may cause personal injuries.
- Be careful when operating the tailgate.

### **Mechanical key unlocking/locking**



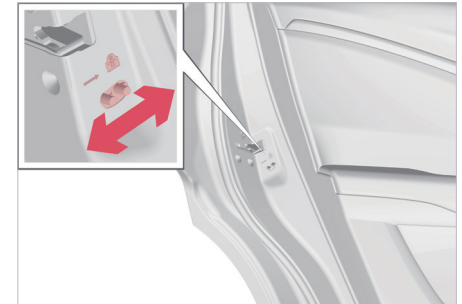
Insert the mechanical key into the notch of the plastic cover of outside handle lock of driver's door and push it up, then push it to the rear of the vehicle and remove the lock cylinder cover. Insert the mechanical key into the mechanical lock to unlock or lock. To install the cover, put it in the removed position and buckle it on the lock cylinder, and then slide it forward to

lock after the sheet metal fits.



Unlocking: Turn the key clockwise.  
Locking: Turn the key counterclockwise.

### **Child safety lock**



Be sure to turn the child safety lock to the locked state when there is a child seated in

rear seat. Move the child safety lock lever diagonally to the right to lock the child safety lock. Move the child safety lock lever diagonally to the left to unlock the child safety lock.

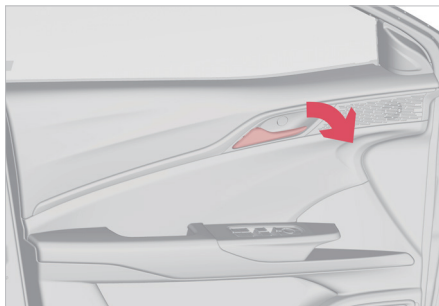
### Hint

- It is recommended to lock the child safety lock when driving with a child to prevent the child from opening the rear door unintentionally, causing accidents.
- The rear door locked by the child safety lock can only be opened from outside even if the doors are unlocked.
- Both rear doors are equipped with child safety locks.

### Caution

If the rear door is locked by the child safety lock, it cannot be opened from inside. When the rear door cannot be opened with the inside handle, it may be locked by the child safety lock. Do not pull the inner handle hard to avoid damage.

## Opening the door from inside



Each door is equipped with an inner handle.

When the central locking system is unlocked, you can use this handle to open the door from inside.

When the central locking system is locked, to open the driver's door through the inner handle, pull the handle once to unlock the door and pull the handle again to open the door from inside.

## Locking/unlocking from inside

Using the central locking button to lock/unlock

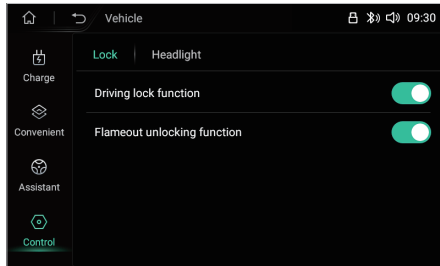


**01** Locking: Press the LOCK button on driver's door to lock all doors and tailgate.

**02** Unlocking: Press the UNLOCK button on driver's door to unlock all doors and tailgate.

## Vehicle automatic unlocking/locking

Automatic locking when driving: When driving at a certain speed, the doors and tailgate will be automatically locked.



The automatic unlocking/locking can be set in the Central control display.

Automatic locking conditions (The four doors will be locked automatically when all the following conditions are met):

- Driving at 25 km/h and above for a period of time.
- The four doors are closed.
- The start/stop button is set to ON.
- The collision-free unlocking or collision-shielding unlocking has been cancelled.

Automatic unlocking after powered off: The doors are automatically unlocked after powered off.

Power-off unlocking function (The following conditions are met):

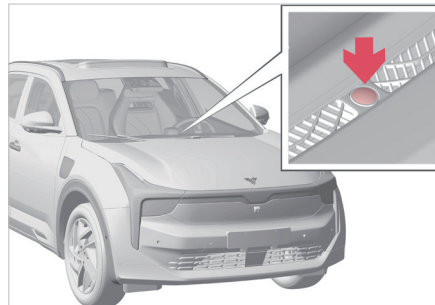
- The driver's door lock state is fed back to be locked.
- The power mode is set to OFF from a mode other than OFF.
- The anti-theft state is cancelled.

## Anti-theft system

When the vehicle is locked in the anti-theft state, if the driver's door is opened from inside, no alarm occurs. If any other doors are opened, alarm will sound and turn signals will flash.

### Entry anti-theft

- 1 Set the vehicle power mode to "OFF" position.
- 2 All the passengers get off.



- 3 When all doors are locked, the anti-theft warning lamp stays on. The anti-theft system will automatically set after 10s. When the anti-theft system is set, the anti-theft warning lamp starts flashing.
- 4 Make sure that the warning lamp starts flashing, then leave the vehicle. Since unlocking from inside activates the anti-theft system, no one is allowed to stay in the vehicle when being set.

### Warning triggering

Any door or tailgate is unlocked without using the smart key entry function. The vehicle is powered on without using the smart key starting function. The above operations can trigger the alarm. After entering the alarm state, the turn signals flash for a few minutes and the horn sounds for a few seconds.

### Deactivation of anti-theft

Unlock the door with smart key.

Carry the smart key and press the start/stop button in the vehicle.

### **⚠ Warning**

Do not modify the anti-theft system by changing or adding. Doing so may cause fault to the system.

## **Anti-theft to cancellation**

If the remote unlocking is received in the anti-theft mode, the anti-theft mode is de-activated and it counts for 30s. If all doors are not opened and the power mode is set to OFF within 30s, the anti-theft mode is activated again after counting for 30s. Then, the doors are locked and the turn signals flash twice.

Full anti-theft state to semi anti-theft state

When the tailgate is unlocked with the key in full anti-theft state, the vehicle will enter semi anti-theft state. Opening the tailgate will not trigger an alarm at this time.

Semi anti-theft state to anti-theft state

If all the doors are closed or the tailgate is opened and then closed, the semi anti-theft state is changed to anti-theft state.

Semi anti-theft to anti-theft cancellation

If the vehicle receives unlocking signal from the key in semi anti-theft state, it will enter anti-theft cancellation state.

Semi anti-theft state to warning triggering

If any door other than tailgate is opened, the vehicle will enter alarm state.



## Child safety seat

### Important safety reminders for using child seats

A child below 12 years old should be properly restrained in the rear seat. Compared with adults, children's muscles and bones are not fully developed, so a special child seat should be used for a child to be restrained in the rear seat. Child safety seat should be placed on the rear seat to protect the child according to the child's age, height and weight.

Only approved and qualified child seats are allowed. To choose a child seat, check its labels or instructions such as applicable weight range and usage.

To install and use a child seat, follow the relevant laws and regulations, the instructions of the seat manufacturer and the instructions on child safety in this manual.

#### Hint

The best place to install the child safety seat is behind the driver's seat.

#### Caution

Proper use of child seats will greatly reduce the risk of injury to children during a collision or reduce the severity of their injuries. Please pay attention to the following points when using child seats:

- Choose a suitable child seat to fit your child correctly when driving.
- Use an appropriate child seat for the child shorter than 1.5 m (or up to 12 years). Never use the seat belt directly, otherwise his/her abdomen and neck could be seriously injured in a crash.
- Never let child ride the vehicle without protection.
- Two children should never use the same child seat.
- Never hold your child (including infant) in your arms.
- A suitable child seat can provide protection for children.
- If a rear-facing child seat is installed on the rear seat, move the front seat forward moderately. If a forward-facing child seat is installed on the rear seat, adjust the height of the headrest of the rear seat properly.
- Never overlook warding when the child sits in the child safety seat.
- If your child leans forward or sits incorrectly while driving, the risk of injury to the child will increase in a crash.

#### Caution

- How to use the seat belt has a great influence on highest level of protection provided by the seat belt. Comply with the instructions for use of the seat belt provided by the manufacturer of the child seat. Using the seat belt incorrectly may cause injury to your child even in a minor crash.
- If a child seat is not installed and fixed properly, it can be dislodged in a collision or sudden stop, causing very serious injury to the other occupants. Therefore, even if a child seat is empty, install and fix it correctly.

#### Warning

- Do not put a child seat near the side airbag, it may cause serious injury to the child if the side airbag inflates.
- To prevent your child from being injured, select a suitable child protection device according to the child's age, height and weight and fix it firmly.
- Do not place any items in the action range of the side airbag. Doing so may cause personal injury.
- Never let a child stand or kneel on the seat while driving, as the child may be thrown around during a crash. The child or other passengers could be seriously hurt or killed.

## Supplemental restraint system

During a side collision, a side airbag can provide better protection. However, the airbag will generate a great expansion force when triggered, so when the passenger's sitting posture is incorrect, the airbag or the items placed in the expansion area of side airbag may cause personal injury.

We strongly recommend that you use a suitable child seat and secure it in the proper position to restrain your child properly. Make sure that there is enough space between the child and the inflation area of the side airbag, so that the side airbag inflates without obstruction during a collision to provide the maximum protection.

### Fixing method of child seat

It is recommend to install the child seat in rear seat and secured with lap/shoulder belt.

#### Warning

Do not secure the rear-facing child seat in front passenger seat. Doing so may cause serious injury to the child or even death.

#### Fixing with ISOFIX device of vehicle

A child seat with ISOFIX system can be secured in the rear seat quickly, conveniently and safely.

#### Hint

When installing or removing child seat, follow the instructions provided by child seat manufacturer.

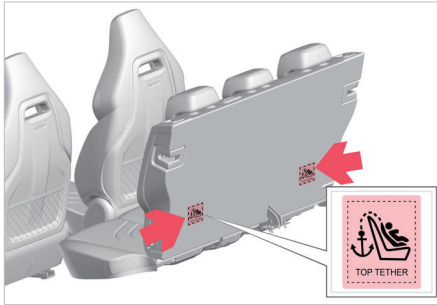
#### Warning

- The ISOFIX lower fixing rings are specially designed for the child seats with ISOFIX attachments. Do not fix any other seat belt or item on the fixing ring. Doing so may cause personal injury or even death.
- The ISOFIX upper fixing ring can only bear the load applied by a properly-secured child seat. Never use it to fix adult seat belt or suspender, or use it to fix any other item or device on the vehicle.

## Installation



- 1 Insert the tapered plastic sleeves on the ISOFIX fixing rings between the seat cushion and the backrest.
- 2 Push the ISOFIX attachments into the tapered plastic sleeves that have been installed and snap them onto the ISOFIX fixing rings.



- 3 There are upper fixing ring at the rear of the seat on this model to assist in fixing the child seat (as shown by the arrows in the figure above). If the child seat has a single top tether, pass it through between the rear headrest stems. If the child seat has double top tethers, pass them through both sides of the rear headrest.
- 4 After the installation completed, push, pull or shake the child seat with appropriate force to confirm that the seat is firmly secured.

### Caution

If a child seat has a top tether, connect and fasten the top tether to the fixing ring.

## Child seat information

Mass group		Front passenger seat	Rear center seat	Rear seats on both sides
Group 0	10 kg	X	X	U
Group 0+	13 kg	X	X	U
I	9 ~ 18 kg	X	X	U/UF
II	15 ~ 25 kg	X	X	U/UF
III	22 ~ 36 kg	X	X	U/UF

Note:

U: for the child seats of Universal Category.

UF: for the forward-facing child seats of General Category.

X: Unsuitable for the child seats of this mass group.

## Child seat size category

Size category	Meaning
A	Full-height forward-facing child restraint system for toddlers
B	Reduced-height forward-facing child restraint system for toddlers
B1	Reduced-height forward-facing child restraint system for toddlers
C	Full-size rear-facing child restraint system for toddlers
D	Reduced-size rear-facing child restraint system for toddlers
E	Rear-facing child restraint system for infants

## Supplemental restraint system

Size category	Meaning
F	Left-facing child restraint system (portable crib)
G	Right-facing child restraint system (portable crib)

## Child seats fixed with ISOFIX

Mass group		Size category	Fixing unit	Front passenger seat	Rear center seat	Rear seats on both sides
Portable crib		F	L1	X	X	X
		G	L2	X	X	X
Group 0	10 kg	E	R1	X	X	U
Group 0+	13 kg	E	R1	X	X	X
		D	R2	X	X	X
		C	R3	X	X	U
Group I	9 ~ 18 kg	D	R2	X	X	X
		C	R3	X	X	X
		B	F2	X	X	IUF
		B1	F2X	X	X	IUF
		A	F3	X	X	IUF

### Note:

IL: For ISOFIX child seats in the "Specified, Restricted or Semi-universal" category.

IUF: Universal ISOFIX forward-facing child seats for this mass group.  
X: The seat position does not support the installation of ISOFIX child seats.

ISOFIX: International Standards Organization FIX of child seats in passenger cars.

## Seat belt

Correctly wear the seat belt for your life!

This section gives you important information about importance and working principles of seat belts and how to wear and adjust seat belts. Be sure to study all the information and warning messages in this section carefully.

### Caution

- Be sure to always wear seat belts properly as described in this manual.
- Seat belts are designed for adults and larger children. All infants and small children must be properly restrained in the special child restraint system (e.g., child seats).
- Check that seat belts function properly and are free of damage.
- Not wearing a seat belt or improper wearing may result in serious injury or death!

### Warning

To reduce the risk of casualties in a crash, observe the following strictly:

- During a crash or emergency braking, proper wearing of seat belts can greatly reduce the degree of injury to passengers. Therefore, driver and all passengers must always wear seat belts during driving.
- A pregnant woman or disabled person must also wear a seat belt properly. Otherwise, they may be also seriously injured in the event of an accident. The best way to protect the unborn baby is to protect the pregnant woman, so be sure to wear a seat belt when the pregnant woman is in vehicle.
- You cannot get the maximum protection from your seat belt unless you use it properly. Not wearing a seat belt or wearing a seat belt improperly increases the chance of serious injury or death.

### Warning

- All passengers must wear their seat belt before vehicle starting off and always wear seat belts properly during driving. For the sake of safety, always wear seat belt as required even if drive vehicle in urban areas or short trips.
- Two people should never use the same seat belt (even if for children). Be sure any child too small for seat belts is properly secured in a child restraint system. Choose the child restraint system according to the child's height and body shape.
- Do not loosen your seat belt when driving.
- Check that seat belts do not squeeze any fragile or hard items (e.g., glasses and ballpoint pens) to prevent personal injury.
- Insert the latch plate into the buckle properly and make sure that the latch plate is securely locked. Not wearing a seat belt properly may lose its maximum protection.

## Correct use of seat belt

- 1 Adjust the seat to proper position, and adjust the backrest to proper angle.

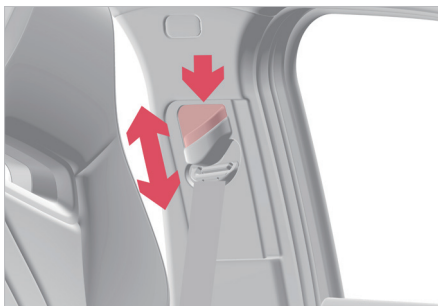


- 2 Adjust position of the three-point seat belt.

- Extend the webbing smoothly so that it goes over your shoulder near the webbing and across your chest, but does not come into contact with the lower position of arms or rear part of neck.
- Position the lap portion of the seat belt as low as possible across your hips, and not across your stomach.



- 3 Insert the latch plate into the buckle until you hear a "click", and pull the latch plate in opposite direction to make sure that the latch plate is securely locked. Check that the seat belt is not twisted.



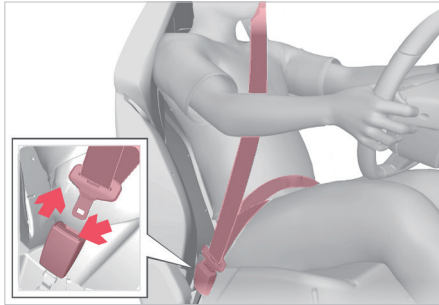
- 4 Adjust the seat belt height adjuster (front seat) to the desired height to get the best

comfort and protection.

- Press the release button of the seat belt height adjuster and hold the seat belt height adjuster.
  - Hold the seat belt height adjuster and move it up and down, adjust the front seat belt to the desired height and then loosen the front seat belt height adjuster.
- 5 After adjustment, pull up on the shoulder portion of the seat belt forcefully to check whether the seat belt height adjuster is locked.

## Hint

- Make sure the shoulder portion of the seat belt goes over your collarbone. Make sure the seat belt does not come into contact with the neck or slide off the shoulder, so as to get the maximum protection from the seat belt during emergency braking or a crash to avoid serious injury to the occupants.
- Position the lap portion of the seat belt as low as possible across your hips, not across your stomach. This lets your strong pelvic bones take the force of a crash.
- Adjust the seat belt for snug but comfortable fit to get better protection.



## 6 Unlatching seat belts

- To unlatch the seat belt, press the red PRESS button on the buckle. The belt will automatically retract.
- If the seat belt fails to retract smoothly, pull it out and check if it is twisted.

## ⚠ Caution

One person should use a seat belt exclusively. Two or more people (including children) should never use the same seat belt.

## ⚠ Caution

- The seat backrest should not be inclined too much. Make sure your seat backrest is upright to get the maximum protection from the seat belt.
- Make sure the seat belt, latch plate and buckle are not caught by the door, so as to avoid damage to the seat belt.
- For safety, you should check the condition of your seat belts regularly. Check the seat belt for cuts, frays and slack. If any seat belt is not in good condition, do not use corresponding seat until the seat belt is repaired or replaced at NETA Auto service station.
- Do not remove, disassemble, or modify seat belts without authorization.
- After a crash, have the seat belt checked by NETA Auto service station. If the seat belt pretensioner is activated, have the seat belt replaced.
- Even if there is no visible damage to the seat belt during a serious crash, have the seat belt and seat assembly replaced and the airbag system completely inspected.

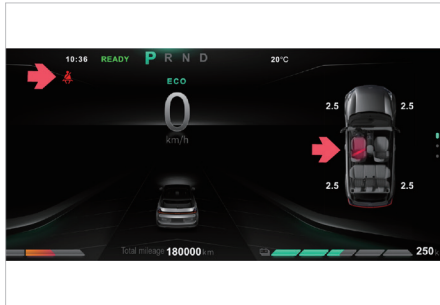
## ⚠ Warning

Just like other occupants, a pregnant woman should wear a properly-positioned seat belt whenever she drives or rides in car. Position the lap portion as low as possible and across your hips, as during a crash, the seat belt could press deep into your stomach, causing serious internal injuries to you and your unborn child.

## Seat belt pretensioner

During emergency braking or a serious frontal collision, pretensioners help quickly restrain the occupants by retracting seat belts, so as to minimize personal injuries. However, during a slight frontal collision, side collision or rear-end collision, the pretensioners may not be activated.

## Seat belt unfasten reminder



When the power mode is set other than "OFF", if the driver or front passenger is not wearing a seat belt, the instrument cluster indicator comes on and alarm sounds. The indicator will be off and alarm sound is stopped after driver and front passenger wear their seat belts.

## Check and maintenance of seat belt

- Always check whether the seat belt unfastened indicator, seat belts, buckles, latch plates, retractors and anchors function properly.
- Check whether the seat belt system is loose or damaged, and check whether there are any parts that may affect the normal operation of the seat belt system.
- If any seat belt is cracked or worn, have it replaced immediately.

- Let each seat belt retract partially and then hold its latch plate and pull it forward quickly. The mechanism must be locked to avoid further retracting.
- Keep seat belts clean and dry.
- Clean seat belts with water and neutral detergent.

### Warning

- Take care to clean/maintain seat belts to prevent polishes, oils and chemicals (especially battery acid) from polluting webbing.
- After a serious collision, the used seat belt system (including bolts) must be replaced. Replace the entire assembly even if it is slightly damaged.
- Sit upright to get the most protection from the seat belts and airbag system.

## Introduction of airbag

The airbag system is a part of the supplemental restraint system (SRS), which supplements the protection offered by seats and seat belts. When vehicle is involved in a serious collision, if the airbag deployment conditions are met, the airbag will deploy rapidly and provide supplemental protection to the head and chest of the driver and passenger together with the

seat belt, to reduce the probability of personal injury or even death.

### Hint

- Do not remove or install any airbag components without permission.
- Using non-genuine seat covers may result in reduced airbag performance or accidental injury to occupants. Do not place any items between the side airbags and the occupants.
- Do not apply excessive force on the side of the seat equipped with side airbags.
- After a collision, although the airbag modules have not inflated and the pretensioner seat belts have not been locked, to protect the occupants from high-voltage hazards, the airbag computer may be encrypted. We recommend that you contact your NETA Auto service station for testing.

## Introduction of collision sensor

The collision sensors are used to input the control signals in the airbag system. If your car is involved in a collision, the collision sensors detect the signal of the collision strength and input the signal to the airbag computer. On this basis, the airbag computer determines whether to detonate the inflator to inflate the airbags.



## Airbag warning lamp



The airbag system is monitored by an electronic control unit and provided with a self-diagnostic function. If there is a fault in the airbag system, a warning lamp is lit on the instrument cluster display and a reminder of Airbag Fault is displayed.

When the power mode is set to "ON", the airbag warning lamp will be on for about 5s and then off, and this means that the airbag system is normal.

If there is a fault in the airbag system, the warning lamp stays on. But the airbag system may no longer provide protection.

## Hint

If the airbag warning lamp stays on, this means that there is a fault in the airbag system. We recommend that you have your NETA Auto service station check the airbag system as soon as possible to restore the function of airbags.

## Airbag warning label

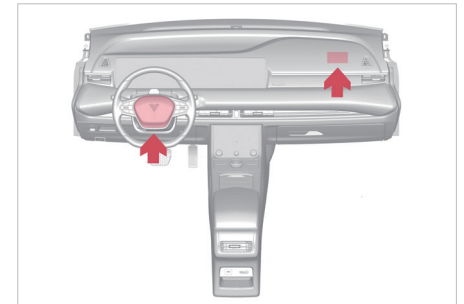


Airbag warning labels for front passenger are posted on both sides of the sun visor of front passenger.

## Warning

- Never put a rear-facing child seat on the front seat with airbag. Doing so may cause serious injury or even death.
- Do not restrain your child in the child seat or the booster cushion on the front passenger seat. Doing so may endanger the life of the child.

## Airbag of driver and front passenger



The vehicle is equipped with a driver's airbag and a front passenger's airbag. When the airbag system meets the airbag triggering conditions, the airbag will deploy to reduce the degree of injury.

## Front seat side airbag\*



Your vehicle is equipped with side airbags, there is an AIRBAG label on the outside of the front seat, as shown in the figure above.

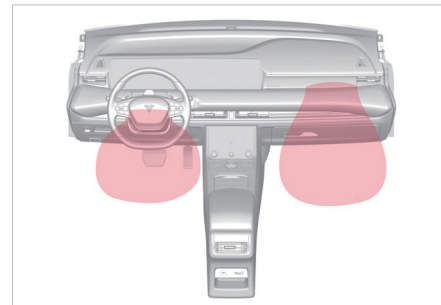
## ⚠ Hint

- If you ever have a side impact, when airbag triggering conditions are met, the side airbags will inflate to help protect the occupant on the impacted side and reduce the degree of injury.
- During a side impact, generally, only the airbags on the impacted side will inflate.
- If a side impact occurs on the front passenger side, the side airbag will inflate even if there is no passenger on the seat.
- To get the maximum protection from the side airbags, the occupants should wear seat belts properly and sit upright against seat backrest.

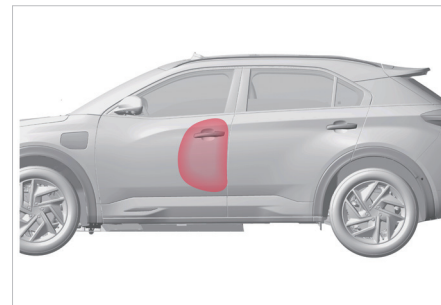
## 👁 Caution

- Do not get seat backrest wet. If rain or spray water wets the seat backrest, the side airbag system may fail to function normally.

## Airbag triggering



Deployment effect of driver's airbag and front passenger's airbag



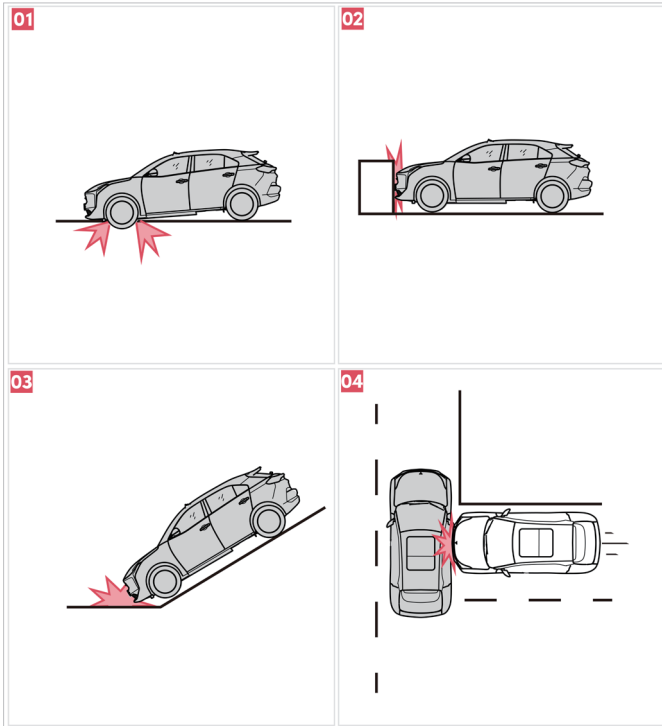
Deployment effect of seat side airbag

Airbag triggering conditions are as follows: If you ever have a crash, whether airbags inflate or not depends on energy level, collision type, collision angle, obstacles and vehicle speed. In the event of a special collision, the airbag system may be triggered.

The airbag system will not function in any collision. Generally, in the event of a slight frontal collision, rear-end collision or rollover, the airbag system will not be triggered. In this case, the driver and passengers should wear seat belts properly to get normal protection.

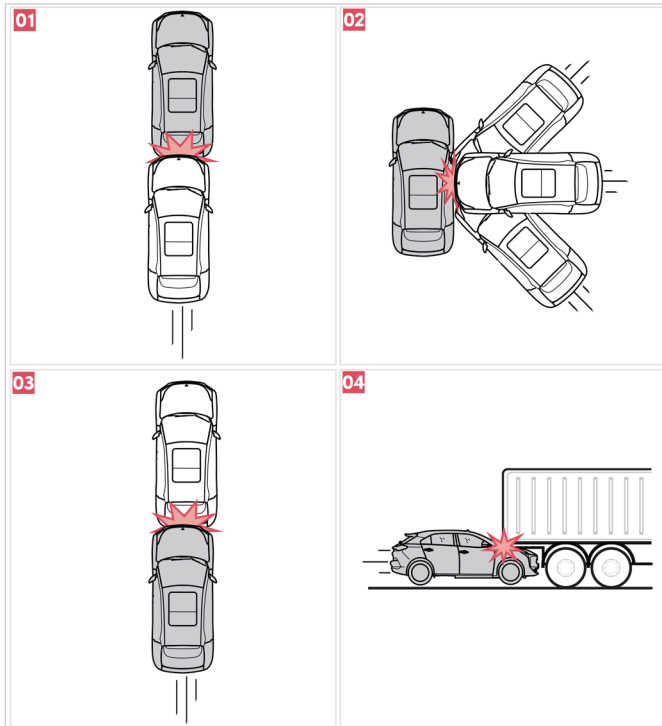
The airbag system of this vehicle has been set in full consideration of various common misuses and road conditions. However, due to the ever-changing causes and forms of crashes, to travel safely, please follow strictly this manual to use the vehicle properly and avoid misuse. Failure to do so may lose the expected effects of the airbags.

## Conditions in which the airbag may deploy



- 01** When overpassing a deep ditch, the vehicle head hits the ground.
- 02** The vehicle hits bulges and curbstones.
- 03** The vehicle head hits the ground when driving on a downhill road.
- 04** The side of the vehicle is hit by another vehicle.

## Conditions in which the airbag may not deploy



**01 02** In case of side collision, rear-end collision or rollover, generally, the front airbag will not deploy.

**03** If deceleration or braking force does not meet the triggering conditions of the airbag sensor, the front airbag may not deploy. Such collision includes: Rushing into flexible objects (such as snow drifts or bushes), hitting hard fixtures at low speed and colliding between two vehicles with relatively low speed.

**04** The vehicle collides with the container truck or enters into the lower part of the truck, but the collision force does not meet the triggering conditions of the airbag sensor.

- The collision points are concentrated at one position (e.g. tree or protective rod), and the collision force is not large enough to be transmitted to the airbag sensor.
- Airbag system has fault.

The airbags may not inflate if the vehicle is subjected to a collision from the rear, from the side or from the side at certain angles or a special rear-end collision, or if the vehicle rolls over or is involved in any other special collision. If the vehicle is involved in the secondary or tertiary or low-speed collisions in a serial collision event, the airbags fail to provide supplemental protection even if they inflate.

## Warning

- For the driver, keep a distance of at least 25 cm between the chest and the steering wheel, so as to get the maximum protection when the airbag system inflates.
- Always wear seat belt properly and sit upright when driving. Failure to do so will increase the risk of injury when the airbag inflates during a crash.
- No additional items or decorations on the surface of the steering wheel trim cover, the surface near the airbag location, the surface of upper protector of pillar A/B/C and the surface of any accessory in the seat side airbag location are allowed. Only use a dry or slightly damp cloth for cleaning the above surfaces. Do not strike them hard.
- The airbags are specially designed for a certain model. Any changes to the suspension system, tire size, bumpers, chassis, and original equipment will have an adverse effect on the airbag system. Do not apply any component of your airbag system to any other model. Doing so may cause the airbag system failure, resulting in personal injury.

## Warning

- Be sure to have your airbag system replaced by your NETA Auto service station within 10 years from the date of manufacture. If you have any component of your airbag system replaced before the end of life, keep all the replacement records. Please give the replacement records to the next owner when selling the vehicle.
- The side airbags and side curtain airbags inflate instantly with considerable force. So, do not lean against the door while driving. Doing so will cause serious injury or even life-threatening.
- Do not place any phone holder, cup or ashtray on the airbag trim cover or in the airbag inflation range. Doing so will increase the chance of injury when airbags inflate during a crash.

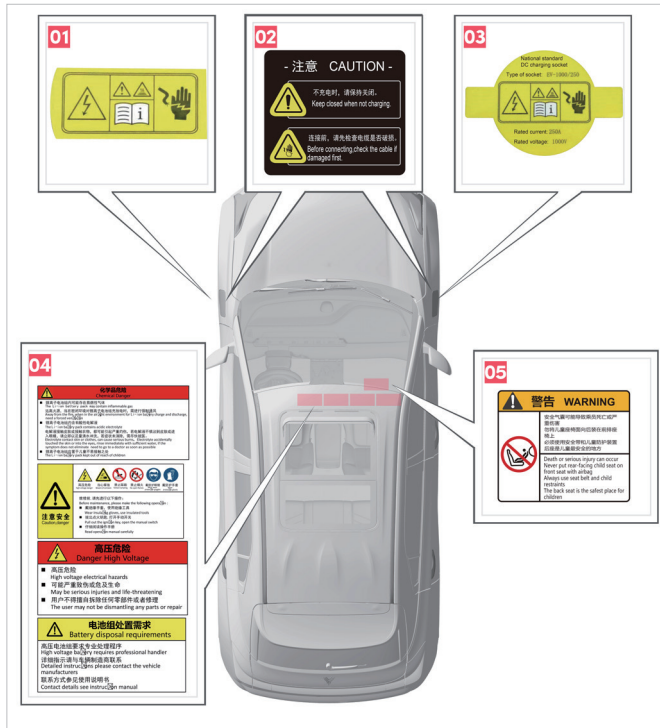
## Maintenance of airbag

We recommend that you contact your NETA Auto service station immediately if one of the following conditions occurs.



- 1 Airbag has deployed.
- 2 The airbag warning lamp on the instrument cluster display is on abnormally (as shown in the figure).
- 3 A frontal collision subjected to the vehicle is not enough to trigger the deployment of airbag. The airbag cover is scratched, cracked or damaged.
- 4 The airbag needs to be removed, disassembled, installed and/or repaired.

## Safety sign



**01** Slow charging port warning label: It is stuck on the inner cover of the slow charging port, which can be seen by opening the outer cover of the slow charging port.

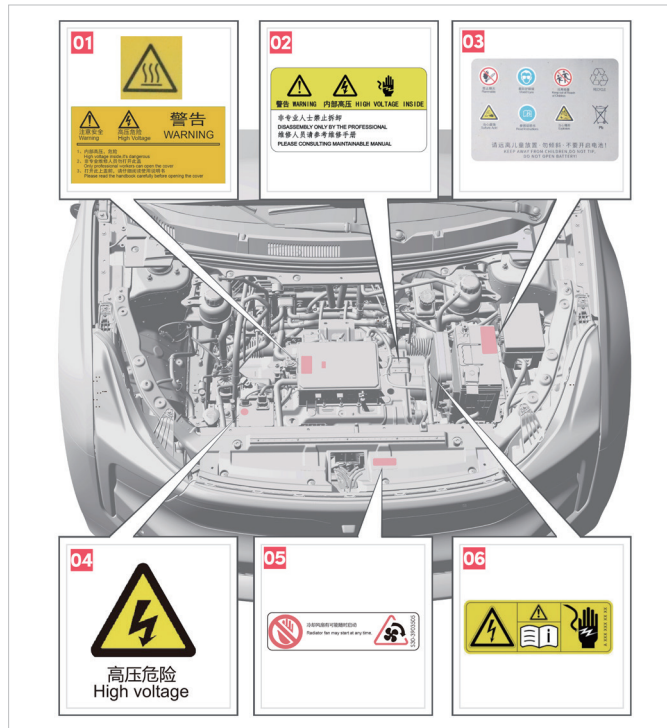
**02** Charging warning label: It is stuck on the inside of the outer cover of the charging port, which can be seen by opening the outer cover of the charging port.

**03** Quick charging port warning label: It is stuck on the inner cover of the quick charging port, which can be seen by opening the outer cover of the quick charging port.

**04** Power battery warning label: It is stuck on the front of the upper surface of the power battery.

**05** Airbag warning label: It is stuck on the outside of the front passenger's sun visor.

## Supplemental restraint system



**01** AC charger warning label: It is stuck on the upper surface of the AC charger.

**02** Electric drive system warning label: It is stuck on the upper surface of the drive motor controller.

**03** Low-voltage battery warning label: It is stuck on the upper surface of the low-voltage battery, which can be seen by opening the front compartment cover.

**04** Electric compressor warning label: It is stuck on the upper surface of electric compressor.

**05** Cooling fan warning label: It is stuck on the upper part of the upper cross member of the front compartment, which can be seen by opening the front compartment cover.

**06** PTC warning label: It is stuck on PTC side surface.



## Instrument cluster

The instrument panel (IP) is the interface for you to exchange information with the vehicle, which provides you with necessary operating information and is an important tool for maintenance personnel for fault diagnosis and troubleshooting.

### Description of IP power management state

#### Power state-Sleep mode

- The power is turned off.
- The electric power is turned off.
- The vehicle is in a low power consumption state.

#### Power state-Standby mode

- The power is turned off.
- Power on the vehicle.
- Normally, the display screen is turned off except that there is an alarm message.
- Countdown lasts for 30s when changing to standby mode from any other mode.

#### Power state-10-minute mode

- The power is turned off, and some functions are displayed normally.
- When 10 minutes are over or the driver's door is opened, 10-minute mode is disabled and standby mode is enabled.
- When an alarm occurs, the loudspeaker works normally.
- When an alarm occurs, the alarm will be displayed until 10-minute mode is disabled.

#### Power state-Normal RUN mode

- The power is turned on and all features function normally.

#### Power state-ACC mode

- Power on the vehicle.
- Set the vehicle power mode to "ACC" position.
- Some of the functions are displayed normally, and the actual vehicle shall prevail.
- The alarm is displayed normally.

## Driving data

The trip computer display interface gives the information related to the current mileage and the trip mileage:



### 1 Current driving time and mileage

After the vehicle is in "READY" and when the vehicle speed signal is valid, the instrument cluster accumulates the mileage and time and saves them by itself. The instrument cluster will automatically reset after exceeding the maximum display value. In addition, the current driving data will be automatically cleared after turning off vehicle power supply and the data will be recalculated when driving again.

### 2 Trip driving time and mileage

It is the accumulated driving time and mileage since the last reset.





### 3 Average power consumption







It is the current average power consumption.

## Alarm, indicator message



When vehicle is started, the IP warning lamp performs self-check, all indicators come on and then automatically go off after about 2s. This is normal. If the indicator still comes on after that, please refer to the following indicator instructions to confirm if it is a faulty indicator. If so, please contact your NETA Auto service station in time for inspection and repair.

- 1 Left turn indicator and hazard warning flasher 
  - If the switch of left turn signal lamp is turned on, the IP left turn indicator flashes and a simulated relay pull-in sounds.
- 2 Right turn indicator and hazard warning flasher 
  - If the switch of right turn signal lamp is turned on, the IP right turn indicator flashes and a simulated relay pull-in sounds.
- 3 Position lamp indicator 
  - When the position lamps are turned on, the position lamp indicator on the instrument cluster display comes on.
- 4 Low beam lamp indicator 

- When the low beam lamps are turned on, the low beam indicator on the display screen comes on.
- 5 High beam lamp indicator 
  - When the high beam lamps are turned on, the high beam indicator on the display screen comes on.
- 6 Rear lamp indicator 
  - When the rear fog lamp switch is turned on, the rear fog lamp indicator on the display screen comes on.
- 7 TPMS malfunction indicator, tire pressure indicator 
  - If any tire pressure fails, a tire pressure alarm occurs and the indicator comes on. "Tire Pressure System Fault" appears on the display screen for 5s and the alarm sounds 3 times.
- 8 Towing mode working indicator 
  - The towing indicator  comes on when the towing mode is activated.
- 9 Seat belt unfastened warning indicator 
  - The instrument cluster will give alarm when receiving seat belt unfastened signal. Front seat belts share the same unfastened indicator, it does not distinguish between the driver and the front passenger. The indicator will be off after driver and front passenger fastening their seat belts and the audible signal disappears.

## ! Hint

- If the seat belt on either side is not fastened and the displayed vehicle speed is more than 25 km/h, the alarm sounds. The alarm stops sounding when the vehicle speed drops to 2.5 km/h.
- If the seat belt on either side is not fastened, the alarm sounds for 120s and then stops until it is activated again. Meanwhile, the indicator lamp stays on.
- After 120-second alarm sound for the unbuckled seat belt on one side ends, if the seat belt on the other side is unbuckled to activate the alarm, the indicator needs to be timed again for 120s.
- During the 120-second alarm for the unbuckled seat belt on one side, if the seat belt on the other side is unbuckled to activate the alarm, the 120-second time needs to be reset, including the alarm sound and the indicator.
- When shifting in R, the seat belt alarm does not sound, and the indicator stays on. When shifting out of R, the alarm continues to sound and the indicator needs to be timed again.

### 10 Airbag fault indicator

- When any airbag fails, this indicator comes on, "Airbag Fault" appears on the display screen for 5s, and the alarm sounds 3 times.

### 11 EPS (Electric Power Steering) malfunction indicator

- When the EPS system fails, EPS will send a signal to allow this indicator to be lit. Meanwhile, "EPS Fault" appears on the display screen for 5s, and the alarm sounds 3 times.

### 12 Low brake fluid level

- When the brake fluid level is low, this indicator comes on. Meanwhile, "Please Add Brake Fluid" appears on the display screen for 5s, and the alarm sounds 3 times.

### 13 ABS fault indicator

- When the ABS fails, the ABS fault indicator comes on. Meanwhile, "Please Check the ABS" appears on the display screen for 5s, and the alarm sounds 3 times.



### 14 ESC OFF indicator

- If the ESC function is disabled, this indicator comes on and "ESC Is Disabled" appears.



### 15 ESC fault, activation indicator

- When the ESC fails, this malfunction indicator comes on. Meanwhile, "ESC Fault" appears on the display screen for 5s, and the alarm sounds 3 times.



### 16 EPB indicator

- When the EPB (Electrical Park Brake) is applied, the EPB indicator comes on (red) . When the EPB fails, the EPB indicator comes on (yellow) .

### 17 AUTOHold state indicator

- When the AUTOHold fails, the AUTOHold state indicator comes on , and meanwhile, "AUTOHold Fails, Please Depress Brake Pedal to Exit" appears and the alarm sounds 3 times. When "Please Depress Brake Pedal to Release AUTOHold" appears, the alarm sounds once. When "AUTOHold Fails To Be Activated" appears, the alarm sounds once. The white indicator  comes on when in standby.

### 18 HDC indicator and fault lamp

- The green indicator  comes on when the HDC (Hill Descent Control) is normally enabled.
- When the HDC fails, the red HDC malfunction indicator  comes on and the alarm sounds 3 times.

## ! Hint

Priority of indicators: Red > Yellow > Green

### 19 Battery charging indicator

- The DCDC malfunction will make the battery charging fault indicator on.

### 20 Insulation malfunction indicator

- When an insulation fault occurs, "Insulation Fault" appears on the display screen for 5s and the alarm sounds 3 times.

### 21 System fault indicator

- When the vehicle system fails, this indicator comes on, and "Vehicle System Fault" appears on the display screen for 5s and the alarm sounds 3 times.

### 22 Power battery disconnection indicator

- When the power battery is cut off, this indicator comes on, and "Power Battery Disconnected" appears on the display screen for 5s and the alarm sounds 3 times.

### 23 Power battery fault indicator

- When the power battery system fails, "Power Battery System Fault" appears on the display screen and the alarm sounds 3 times.

### 24 Power system READY indicator

- When the power system is started, the "READY" indicator comes on, indicating that the power system gets ready.

### 25 Motor overheating indicator

- When the motor is overheated, the motor overheating indicator comes on.

### 26 Motor fault indicator

- When the motor fails, "Motor System Fault" appears on the display screen and the alarm sounds 3 times.

### 27 CCS indicator and cruise speed display

- The cruise target speed is displayed on the speedometer. If the CCS (Cruise Control System) is activated, the green icon comes on and the set speed is displayed. If the CCS fails, the cruise function is disabled and the red icon comes on.

### 28 Power battery maintenance request indicator

- When the power battery needs to be maintained, "Power Battery Needs To Be Maintained" appears on the display screen and the alarm sounds 3 times.

### 29 Limp Home mode indicator

- When the Limp Home mode is enabled, the Limp Home indicator comes on, "Limp Home Mode Is Enabled" appears on the display screen for 5s and the alarm sounds once.

### 30 Low power battery indicator

- When the power battery is low, the low power battery indicator comes on, and "Low Power Battery" appears on the display screen and the alarm sounds 3 times.

### 31 Door opening indicator

- When any door or tailgate is not closed, the door opening indicator comes on.

### 32 Charging gun connection indicator

- When the vehicle is connected to the charger, the charging gun connection indicator comes on.

### 33 Brake system fault, EHB fault, EBD fault

- When the brake system fails, the red indicator comes on, "Brake System Fault" appears on the display screen and the alarm sounds 3 times.

### 34 P-gear lock system fault indicator (no warning lamp)

- When the gear-shift system fails, "P-gear Lock System Fault" appears on the display screen and the alarm sounds 3 times.

### 35 Over-speed warning lamp

- When the Speed Limited Mode is enabled, the speed-limited icon (with the set speed) appears. When the Speed Limited Mode is disabled, the speed-limited icon disappears. When the displayed speed is greater than the set speed, the icon flashes to remind the driver.
- When the displayed speed is less than or equal to the set speed, the icon stays on.
- When the displayed speed is greater than the set speed, the icon flashes, and the alarm sounds once

## Common information display



- 01** Current time
- 02** Driving mode status: The driving mode is displayed by ECO, Sport or Comfort indicator.
- 03** Gear information
- 04** Outdoor temperature
  - Display range: -50°C ~ 75°C
- 05** Energy recovery level
- 06** Instantaneous power: Power that outputs at the current time.
- 07** Total mileage
  - The instrument cluster collects, calculates and accumulates the

driving distance and displays the mileage of the vehicle.

- Display range: 0~999999 km, without decimals; When the total mileage is less than 1 km, 0 km is displayed.
- The maximum value is 999999 km. If the mileage exceeds 999999 km, just 999999 km is displayed.

### **08** Driving mileage

- The vehicle controller calculates the driving distance that the SOC can cover and is displayed on the instrument cluster.

## Vehicle state information

The vehicle state information display interface contains the states of five doors, seat belts and tire pressure. The vehicle state is divided into non-alarm state and alarm state.



### 1 Door state information

When opening a door, the corresponding door opening indicator on the instrument cluster comes on, and the indicator goes off after closing the door.

### Description of door alarm

- If any door (excluding the charging port cover) is opened, when

driving at a speed of more than 7 km/h, an audible alarm at 1HZ lasts for 120s. When driving at 3 km/h or below, the alarm disappears.

- If a single door is not closed, the alarm sounds for 120s, and then the alarm stops until it is activated again.
- After the 120-second single-door-ajar alarm sound ends, if any other door is not closed and the alarm is activated again, it needs to re-time for 120s.
- During the 120-second single-door-ajar alarm, if any other door is not closed and the alarm is activated, the 120-second alarm time needs to be reset. If any door is closed at the moment, there is no need to reset the time. The timing continues.
- When the door-opening alarm trigger condition exists, it can be interrupted by the priority alarm sound. After the priority alarm sound disappears, if the door-opening alarm condition still exists, the door-opening alarm re-times again.

### 2 Tire pressure state information

The default tire pressure unit is bar, the default tire temperature unit is °C, the tire pressure display range is 0~4.5 bar, and the tire temperature display range is -40~125°C. When any abnormal tire pressure occurs, corresponding tire turns red in the state of the vehicle, and the corresponding tire pressure and tire temperature are displayed.

### Hint

- When the tire pressure is less than 1.75 bar or greater than 2.8 bar, the tire pressure alarm occurs.
- When the tire temperature is greater than 80°C, the tire temperature alarm occurs.

## Alarm message

Text message information is given to remind the driver of the current working status of the vehicle through a textual graphical interface.

### 1 Smart key alarm

- Prompt for the use of the smart key in different scenarios.
- There will be a pop-up box + alarm sound when the smart key is not detected, the power of the smart key is low, the smart key is left in the vehicle, or the PEPS fails. The alarm sounds once, but it sounds 3 times when the PEPS fails.

### 2 Gear position prompt

- When the driver shifts a gear wrongly, a reminder is given. The prompt message is "Please switch to P/N gear to start, and please switch to P to stop", and the alarm sounds once.

### 3 Prompt of "Please depress the brake pedal"

- The driver is prompted to depress the brake pedal to control the vehicle.
- The instrument cluster prompts "Please depress the brake pedal", and the alarm sounds once.

### 4 Anti-theft authentication failed

- It reminds the driver that the anti-theft authentication has failed.
- The instrument cluster prompts "Anti-theft Authentication Failed", and the alarm sounds 3 times.

### 5 Start switch fault

- It prompts the driver that the start switch fails.
- The instrument cluster prompts "Start Switch Fault", and the alarm sounds 3 times.

### 6 Pedestrian alerting function disabled

- It prompts the driver that the pedestrian alerting function has been turned off.
- The instrument cluster prompts "Pedestrian Alerting Function Disabled"

and it will be displayed for 3s, and the alarm sounds once.

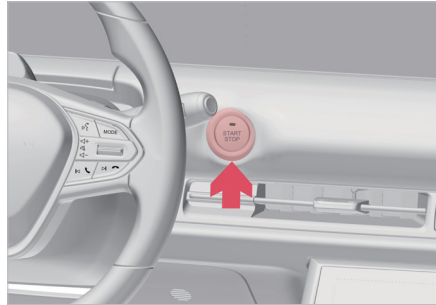
## Audible alarm

R beep

It prompts the driver when shifting R. An R beep sounds when shifting to R from any other gear.

## Turning on/off the power system

### Start/stop button



The PEPS start/stop button is located on the right side of the steering column.

### ! Hint

The remote key must be in the vehicle to operate the power system. To shift out of P, set the power mode to the "START" position and depress the brake pedal.

### The display state of the start/stop button is described as follows:

Indicator OFF (with the power mode set to "OFF")

- The power system in this position is off.

Yellow lamp (with the power mode set to "ACC" or "ON")

- When the power mode is set to "OFF", releasing the brake pedal, press the start/stop button once to set the power mode to "ACC".
- Electrical accessories are allowed to work when the power mode is set to "ACC".
- When the power mode is set to "OFF", releasing the brake pedal, press the start/stop button twice to set the power mode to "ON".
- When the power mode is set to "ON", electrical accessories such as power windows and power rearview mirrors are allowed to work.

Indicator OFF (with the power mode set to "START")

- When you set the power mode to any position and depress the brake pedal, the start/stop button indicator turn greens.

Press the button once to set the power mode to "START".

- When the power system is started, all electrical equipment can work.
- When the power mode indicator turns yellow, if you release the brake pedal and press the start/stop button again, the power system will not be started, but all electrical equipment can be used.

#### Green lamp

- If you set the power mode to any position and depress the brake pedal, the power mode indicator turns green.

#### Red lamp

- No legal key is detected in the vehicle.

If the vehicle is close to a strong radio signal, the START/STOP button may be disabled because the strong radio signal will interfere with the PEPS.

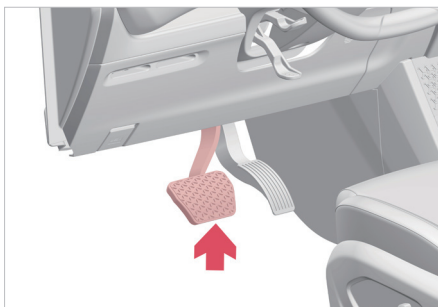
#### ! Hint

After you set the power mode to "OFF" and open the door, if the key is still in the vehicle, the buzzer will sound when you close the door, so as to remind you of that the key is still in the vehicle.

### Starting the power system

- 1 Carry with the remote key and enter the vehicle, depress the brake pedal.
- 2 Press the start/stop button. When the power system is started, immediately release the button. After the vehicle is started, the "READY" indicator on the instrument cluster display comes on.

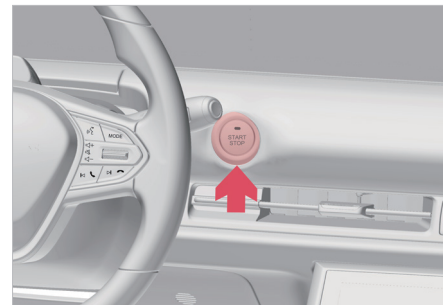
### Turning off the power system



- 1 After parking the vehicle safely, depress the brake pedal.



- 2 Press P button and shift to "P".



- 3 Press the start/stop button to turn off the power system.



## Precautions for stopping the vehicle

- Make sure that all the windows are closed;
- Turn off all the lamps and check the indicators on the instrument cluster display, and then confirm that the anti-theft system has been activated;
- Take the valuables and the remote key with you. Do not leave them in the vehicle;
- Do not park the vehicle near any flammable and explosive materials;
- Before leaving the vehicle, shift to "P" and turn on the electric parking brake switch, and then turn off the drive system and lock the doors.

### Warning

When parking on a slope, to prevent the vehicle from slipping, turn the steering wheel until the front wheel presses against road traffic stone when facing a downhill or until the rear wheel presses against road traffic stone when facing an uphill and then set the power mode to "OFF".

## Gearshift

The shift switch has an electronic shift function for parking, reversing, and shifting to N and D.

### Description of gear

"R" gear (Reversing)

R is used to drive the vehicle backwards.

When reversing, before operating the shift switch to shift to "R", make sure that the vehicle comes to a full stop. If you depress the brake pedal, shift to "R", the reversing indicator comes on automatically.

"N" gear (Neutral)

When in N, the drive motor does not output power, so that the vehicle can move freely.

When the vehicle comes to a full stop (e.g., waiting for a traffic light), you can shift to N. When in N, the reducer is not locked, so you have to depress the brake pedal or turn on the electric parking brake switch to prevent the vehicle from sliding.

Do not shift to N until the vehicle comes to a full stop.

If you need to shift from N to any other gear, depress the brake pedal.

### Hint

When the vehicle is stationary, be sure to depress the brake pedal to shift successfully. If you fail to depress the brake pedal when shifting, the instrument cluster shows that Please Depress the Brake Pedal to Shift. At the moment, the shift switch is still in the "N" position, so you need to operate shifting again.

"D" gear (Drive)

Use this position (D) for your normal driving forward to get the optimal power performance of the vehicle. Be sure to depress the brake pedal before shifting. Otherwise, you fail to shift.

### Caution

When driving, do not rest your hand on the shift switch, as the pressure of your hand may cause premature wear to the shift switch.

"P" gear (Parking)

When in P, the vehicle is stationary, and the driving wheels are locked and cannot move freely.

When the vehicle is shifted to any gear position and the power mode is set to "OFF", the

electronic shift switch will automatically shift to "P" or keep in the "P" position.

When parking, depress the brake pedal and stop the vehicle fully, and then set the power mode to "OFF" to lock the motor in the "P" position. Turn on the EPB switch. Then, the EPB switch indicator comes on.

### ① Hint

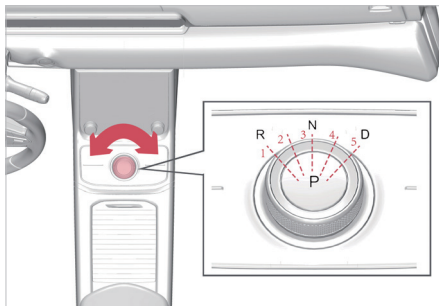
- ❑ If the power mode is set to "OFF", the vehicle will be shifted automatically to "P". In this case, you need to manually turn on the EPB switch.
- ❑ Be sure to depress the brake pedal when shifting. If you fail to depress the brake pedal when shifting out of "P", the gear shifting is disabled, and the instrument cluster prompts "Please Depress the Brake Pedal to Shift out of P".
- ❑ After the charging gun is connected, the vehicle automatically shifts to "P". Be sure to disconnect the charging gun before shifting out of "P".

### 👁 Caution

When parking on a slope, turn on the EPB switch in time to prevent the vehicle from slipping.

## Gearshift operation instructions

The shift knob is a self-reset type, and it will automatically return to the original position (position "3" shown in the figure below) if you release the knob after turning. Turn by 2 gears clockwise and by 2 gears counterclockwise from the initial position.



## Gearshift when starting vehicle

- 1 Depress the brake pedal, press the start switch to start the vehicle, and the vehicle will automatically enter the P.
- 2 Turn the knob counterclockwise by 1 gear to "2", or clockwise by 1 gear to "4", the gear is shifted from "P" to "N".
- 3 Turn the knob clockwise by 2 gears to "5", and the gear is shifted from "P" to "D". At this time, release the brake pedal and de-

press the accelerator pedal, the vehicle will automatically release the parking brake, and then drive forward.

4 Turn the knob counterclockwise by 2 gears to "1", and the gear is shifted from "P" to "R". At this time, release the brake pedal and depress accelerator pedal gently, the vehicle will automatically release the parking brake, and then reverse.

## Gearshift during driving

- 1 D→N: Depress the brake pedal and turn the knob counterclockwise by 1 gear to "2".
- 2 D→R: Depress the brake pedal and turn the knob counterclockwise by 2 gears to "1".
- 3 R→N: Depress the brake pedal and turn the knob clockwise by 1 gear to "4".
- 4 R→D: Depress the brake pedal and turn the knob clockwise by 2 gears to "5".
- 5 N→D: Depress the brake pedal and turn the knob clockwise by 2 gears to "5".
- 6 N→R: Depress the brake pedal and turn the knob counterclockwise by 2 gears to "1".

## Caution

When the driver's door is not closed, if you shift to "D" or "R" and then depress the accelerator pedal, the vehicle will not move forward or reverse but shift to "P" automatically. Be sure to close the driver's door and then shift to "D" or "R".

## Gearshift instruction

The following information is especially important for you if you are not familiar with the vehicle with reducer.

- When the vehicle is not Ready, you can shift between "N" and "P".
- When the vehicle is Ready, you can depress the brake pedal and shift among "P", "R", "N", and "D" in sequence.
- When driving at a low speed ( $\geq 1$  km/h but  $\leq 7$  km/h), you can shift from "N" to "D" or "R".
- When driving at a high speed ( $> 7$  km/h) and the motor rotating in the same direction as the current gear position, you can shift from "N" to "D" or "R".
- You can shift to "N" from "D" or "R" freely.

## Hint

- Before starting the power system (the READY indicator on instrument cluster display comes on), depress the brake pedal.
- When selecting "D" or "R", do not let the drive motor run at high speed if the vehicle is at a standstill and "D" or "R" has been selected.
- Do not turn off the electric parking brake switch before driving away. Remember that the vehicle will move forward or backward slowly once "D" or "R" is selected.
- After "D" or "R" has been selected and the drive motor has been running, do not keep the vehicle stationary. (If vehicle needs to stand still for a long time, please always select "N" or "P").

### How to operate in cold weather

If the vehicle is parked in a cold or low temperature environment for a long time (e.g., all night), there may be a delay in selection of gear position when the vehicle is just started. This is only more obvious after cold starting and disappears after driving away.

### Drive

When driving, you can control the driving torque through the accelerator pedal to adjust

the vehicle speed. The motor controller controls the output speed of the drive motor to control the vehicle speed.

### Stop the vehicle

After parking, before releasing the brake pedal and turning off the power system, turn the shift switch to "P" and turn on the electric parking brake switch.

### Driving away from snow or mud

When the drive motor has no power output, select "D" or "R" and increase the drive motor speed slowly to ensure that the front wheels do not spin and slip. If the wheels slip, use the lowest drive motor speed to regain grip. If the wheels still slip, shift to "D" or "R" alternately and use the lowest drive motor speed until the wheels get the grip again.

## Driving mode switching



After starting the vehicle, the "ECO", "Comfort" and "Sport" driving modes can be switched in sequence with the "DRIVE MODE" button. A single touch of the button is invalid, and you need to touch it twice to operate.

### Comfort mode

The Comfort position is used for comfortable driving. When this mode is selected, it can meet the daily driving pursuit of comfort, stability, and low energy consumption.

You can drive at 155 km/h (the maximum) in Comfort mode and get a general response from the accelerator pedal.

### ECO mode

ECO is an economic drive mode. When ECO mode is selected, the drive motor controller re-

duces energy consumption by reducing power. Compared with the Sport mode, the ECO mode has a slower driving torque response and optimizes the braking energy recovery.

You can drive at 150 km/h (the maximum) in ECO mode, and the accelerator pedal responds slowly and suddenly depressing the accelerator pedal is limited. The instrument cluster displays the remaining driving mileage.

### ! Hint

When the ECO mode is activated, the external surrounding light system cannot be turned on in the central control display screen.

### Sport mode

Depress the brake pedal and start the vehicle, and then select Sport mode to start driving in the Sport mode.

You can drive at 155 km/h (the maximum) in "Sport" mode, and the accelerator pedal responds quickly.

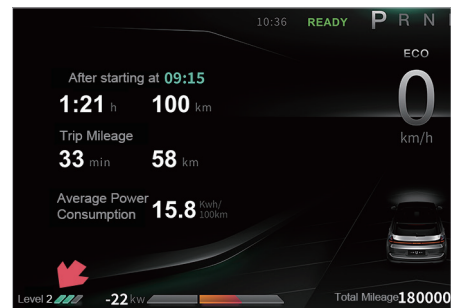
"Sport" is a sport drive mode. When the vehicle is set in this mode, the dynamic performance is optimized. The Sport mode has a lower braking energy recovery.

### ! Hint

Energy recovery level corresponding to driving mode:

- "Comfort" (moderate)
- "ECO" (strong)
- "Sport" (weak)

## Braking energy recovery



This vehicle is equipped with an energy recovery function, which can convert kinetic energy into electric energy and store it in the power battery during braking or coasting, so as to increase the driving distance. The energy recovery level has HIGH, MEDIUM, and LOW positions, which can be selected according to your own driving habits.



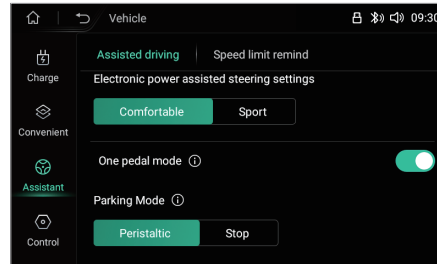
Continuously touch the button twice to switch the energy recovery level between 1, 2, and 3 in sequence. "1" gear has the lowest energy recovery level and the lowest deceleration when braking or coasting. "3" gear has the highest energy recovery level and the highest deceleration when braking or coasting.

### Hint

- You can set the energy recovery level when the power mode is set to "ON" but not to "ACC" or 10-minute mode.
- If the accelerator pedal is released, the energy recovery can be activated automatically.

## One pedal mode

Set the driving mode to one pedal mode and then depress the accelerator pedal. The deeper the pedal, the greater the accelerator. On the contrary, if the accelerator pedal is released gradually, the vehicle will slow down automatically all the way until the accelerator pedal is released completely. Then, vehicle will drive at idling speed. If it is necessary to depress the brake pedal suddenly, you can operate as usual to slow down.



1 When the vehicle is normal (free of fault), you can activate one pedal mode in "Vehicle Settings" in the large screen in the static state;

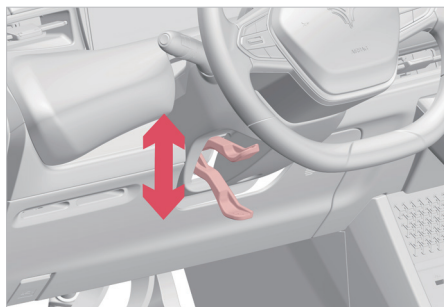
2 After one pedal mode is activated and the brake pedal is released, you can press the braking energy recovery level switch button to select the energy recovery level according to your driving habits.

## Precautions

- Slowing down in one pedal mode relies on power recovery, so we recommend that you do not activate one pedal mode under high power conditions (Doing so may cause abnormal slowing down);
- If one pedal mode is activated, you can feel obvious braking. You need to pay attention to the rear vehicle constantly to avoid rear-end collisions;
- As the driving experience in one pedal mode is different from that in normal mode (SPORT/COMFORT/ECO), you need to adapt to it;

## Steering system

### Steering wheel height adjustment



Adjust the angle or height of the steering wheel to get a suitable driving posture:

- 1 Release the locking lever completely.
- 2 Hold the steering wheel firmly with both hands and move the steering wheel up and down to adjust its position.
- 3 After adjusting the steering column to the desired position, pull up the locking lever completely to lock the steering column in the new position.

### Warning

Do not adjust the height or angle of the steering wheel while traveling. Doing so is very dangerous.

### Electric power steering

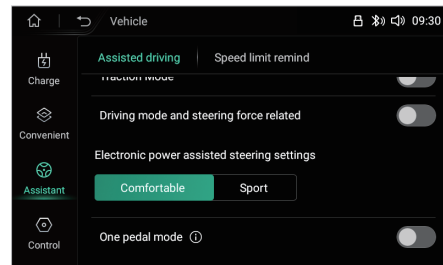
The EPS (electric power steering system) can only be enabled when the vehicle is started. The motor is used for power steering. The power steering can be adjusted automatically according to the vehicle speed, steering torque and steering wheel angle.

The electric power steering system features simple structure and high energy efficiency. Comparing with the traditional EPS, this EPS only needs energy during actual steering. This kind of on-demand electricity-consuming can reduce power loss.

### Caution

When the EPS is enabled, the steering wheel in the extreme position for a long time will reduce the power steering and make you turn it hard.

### Electric power steering mode



The EPS has two modes, namely "Comfortable" (the default) and "Sport", which can be set in the central control display screen.

### Hint

- You can switch the EPS operation mode with the power mode set to "ON" but not to "ACC" or 10-minute mode.
- The default is Comfort mode, and the last setting value is memorized.

## Electric power steering (EPS) warning lamp

If the power mode is set to ON, the indicator should be on for about a few seconds and then go out.

If the indicator does not go out or comes on when driving, this means that there is a fault in the EPS. You should check the steering system at NETA Auto service station as soon as possible.

Remember, you have to turn the steering wheel with much greater force than usual if the EPS is weakened or failed.

If the power system is turned off (for example, when the vehicle is towed), the EPS is disabled.

### ! Hint

Turning the steering wheel back and forth may cause the EPS to produce operating noises. This is normal.

## ⚠ Warning

- Be sure to strictly follow the instructions of the warning lamps and the WARNING messages. Failure to do so may cause casualties or damage to the vehicle.
- Never turn off the power system when driving. Doing so may cause an accident! You fail to turn the steering wheel because the steering column may be locked suddenly, resulting in a traffic accident!
- If the EPS is weakened or failed, it will be very difficult to turn the steering wheel. This will seriously affect driving safety.
- Never turn off the power system to let the vehicle coast!

## Brake system

Each wheel is equipped with a disk type brake. The brake booster helps you depress the brake pedal easily. During emergency stop, the anti-lock braking system (ABS) will help you keep control of the steering.

Some models are equipped with an electronic stability control system (ESC) to improve the driving stability.

## Service brake

To increase safety, the hydraulic brake system is provided with dual pipelines. If one pipeline fails, the other one continues to complete the braking function, but the braking stroke will increase, more pressure will be applied to the brake pedal, and the braking distance will become longer. In the event of a fault in which only one brake pipeline is used for braking, stop the vehicle in a safe place as soon as possible. Do not continue driving. Contact your NETA Auto service station as soon as possible.

## Emergency brake alarm

When the emergency brake alarm is activated, the left and right turn signal lamps and the hazard warning indicator keep flashing.

Preconditions:

- 1 The vehicle speed exceeds 80 km/h and the deceleration exceeds  $-0.7 G$  ( $-6.86 \text{ m/s}^2$ ).
- 2 Depress the brake pedal.

## Vacuum boost brake

The vacuum boost brake generates vacuum pressure only when the vacuum pump is running normally. If the vacuum boost brake does not work, you need to apply more pressure to the brake pedal to make up for the lack of brake boost. You will feel that the brake pedal

is more laborious than usual and the braking and stopping distances will become longer.

### Warning

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Do not continue to drive when the vacuum pump fails, because the brake boost may not be available. Although the braking system is still effective, it requires more pressure on the brake pedal for effective braking.

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## Brake wear indicator

All disk type brakes are equipped with brake wear indicators. If you hear a harsh "squeal" sound (which is different from brake squeeze, because the squeeze sound of brake is caused by the dust on the brake surface when braking slightly) when driving, this means that the brake pads need to be replaced.

## Brake system fault warning lamp

When the power mode is set to ON, the brake system fault warning lamp in the instrument cluster display comes on, and the self-check of the brake system is started. After the self-check, the brake system fault warning lamp will go out. If the brake system fault warning lamp does not go out or comes on during driving, this means that the brake system is malfunctioning. You need to check the brake fluid level. If the brake fluid level is normal, this

means that there may be other faults in the brake system.

### Warning

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If the brake warning lamp comes on during driving, stop immediately and contact your NETA Auto service station if safety conditions permit. Do not continue to drive with the brake warning lamp on.

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## Anti-lock Brake System (ABS)

The ABS helps to prevent the wheels from locking when you depress on the brake pedal. The main function of the ABS is to improve active safety during driving. The ABS will automatically adjust the brake pressure of each wheel. Before the wheel is about to lock up, its brake pressure is automatically reduced, and then the brake pressure is increased until the wheel is about to lock up. The electronic component of the braking system gets a signal from the wheel speed sensor, which contains accurately the time the wheel is rolling. This information is processed continuously to adjust the brake pressure as accurately as possible. The brake pressure can be adjusted up to 12 times per second, but the ABS cannot be expected to shorten the braking distance under all conditions. For example, even if you drive slowly and carefully on sandy gravel roads or on slippery roads covered with snow, a vehicle with ABS may require longer distance to stop.

A vehicle with ABS cannot be a reason to encourage the driver to take risky behaviors that endanger the safety of others or other road users. It is still your responsibility to drive at reasonable speeds for weather and traffic conditions, and to leave a margin of safety. The ABS helps to prevent the wheels from locking when you depress the brake pedal, so you can retain steering control. During normal braking, your tires have road friction enough to prevent the wheels from locking up, so that you can stop your vehicle reliably. Therefore, the ABS will not be activated. When the braking force exceeds the amount of road adhesion your tires have (if you are trying to stop on slippery roads), causing the wheels to lock up, the ABS activates immediately. You will feel a pulsation in the brake pedal when the ABS activates.

### Warning

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Even if your vehicle is equipped with ABS, braking when turning at high speed or braking on slippery roads at high speed may cause out of control of the vehicle, resulting in a danger, because the ABS cannot overcome the physical limits of the vehicle.

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## How the ABS operates

You will feel a pulsation in the brake pedal when the ABS activates, resulting in running noise. This is purely normal. If the speed of a



wheel is too low relative to the vehicle speed and the wheel tends to lock up, the ABS will reduce the braking pressure on this wheel. In order to give the ABS a full play in adjustment of braking pressure, you should depress the brake pedal all the way down to the end and never depress the brake pedal back and forth.

### Warning

- Only the right tires can ensure normal functioning of the ABS.
- Do not depress the brake pedal repeatedly at any time. Doing so will shut down the function of the ABS and may increase the distance to stop.

### ABS indicator

The ABS is integrated with a set of monitoring system which checks regularly whether all electrical components function properly during operation.

When the power mode is set to "ON" and the ABS indicator on the instrument cluster display comes on, the ABS is self-checking. If self-checking finishes, the indicator goes out. If the ABS indicator does not go out or comes on during driving, this means that the ABS is malfunctioning. If the ABS indicator stays on, you should drive at a low speed to your NETA Auto service station for inspection and maintenance as soon as possible.

nance as soon as possible.

Also, when starting the drive motor, a "knock" sound may be heard. You may feel a slight movement in the brake pedal. This is normal and indicates that the ABS is self-checking.

### Warning

If the ABS fails, the brake system still work like a conventional system normally, providing normal stopping ability. However, the vehicle may require a longer distance to stop and disable energy recovery.

### Brake override system

If the electronic accelerator pedal gets stuck suddenly when driving, you should depress the brake pedal hard. The brakes will override to operate and the power output of the vehicle will be restricted.

### Warning

If you have non-genuine components such as brake switch and electronic accelerator pedal or make some modifications without approval, the Brake Override System (BOS) will fail to operate effectively and reliably. This is your responsibility.

### Brake pad

The brake pads require a period of running-in. You should avoid emergency braking for the first 800 km.

Keep in mind that it is critical to maintain the brake pads regularly. This ensures that the components of the braking system are checked for wear at appropriate intervals and replaced as needed while ensuring long-term safety and optimal performance.

### Slippery conditions

Driving over water or in heavy rain may affect the braking system adversely. To dry the brakes, you should drive slower and depress the brake pedal and then release it alternatively, and ensure that your vehicle has a safe braking distance from other road users when braking for the first time.

### Hill-start assist

When starting on a hill, by delaying the pressure release of the brake system, the HSA is helping to prevent the vehicle from rolling backward when you release the brake pedal. This allows you to have 1.5 s ~ 2 s to move your foot from the brake pedal to the accelerator pedal to start. If the vehicle skids during starting on a hill, the pressure in the brake line will be released immediately to ensure you control the vehicle.

## Emergency Braking Assist (EBA)

In the case of quick but insufficient input of the brake pedal, the ESC is used to increase actively the pressure in the brake line. As the braking pressure is increased to the level to activate the ABS, the braking distance becomes shorter. This function activates in any driving state and style.

## Traction Control System (TCS)

The TCS helps to prevent the vehicle from continuously slipping and losing stability. However, slight slipping is normal.

## Electronic Stability Control System (ESC)

The ESC helps to improve the driving stability of the vehicle. For example, it helps to reduce the risk of sideslip when accelerating and driving in a curve.

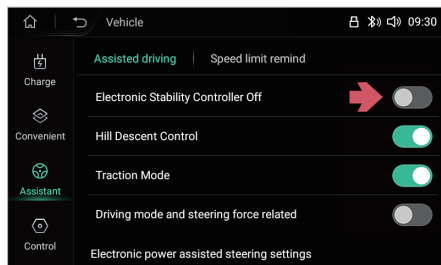
The ESC is integrated with the ABS, EBD, EBA and TCS.

ESC indicator

When the power mode is set to ON, the ESC indicator on the instrument cluster display comes on. The ESC system starts self-checking. The indicator goes out after self-checking. If the ESC indicator does not go out or stays on while driving, this means the ESC system is malfunctioning.

If the ESC indicator on the instrument cluster display flashes when driving, this means that the ESC system is performing stable adjustments.

## ESC function ON/OFF



You can turn on or off electronic stability control system through the central control display.

## Hint

- When the vehicle power mode is set to "ON", you can set the ESC function through the central control display. But the "ACC" and 10-minute modes are disabled.

The ESC function should be disabled if one of the following special conditions occurs:

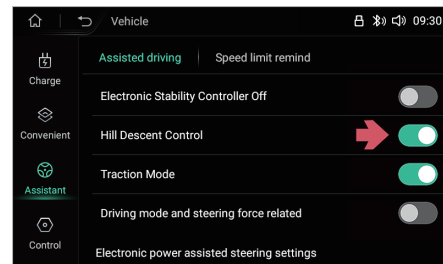
- 1 When driving with snow chains.
- 2 When driving on deep snow or soft roads.

3 When trapped on a muddy road and needed to move forward and backward.

## Warning

Although the ESC helps you to control the driving stability, it cannot make up for road conditions. It is still your responsibility to drive according to the road conditions and traffic conditions. This is particularly important for driving on slippery and wet roads. Do not riskily drive because the ESC improves the driving stability. Doing so may cause a risk of accident!

## Hill Descent Control (HDC)



The HDC (Hill Descent Control) helps to enhance the braking ability at low speed. The HDC is suitable for low-speed driving and go-

ing downhill on a deep slope with harsh road conditions. You can just concentrate on driving without operating the brake pedal.

### ! Hint

- When the vehicle power mode is set to "ON", you can set the HDC. However, the "ACC" and 10-minute modes are disabled.

If you turn on the HDC switch just before going downhill the steep slope and then release the accelerator and brake pedals, the HDC activates. When the intelligent HDC accelerating, you can drive at a certain speed to continue to execute such function.

### 👁 Caution

Under normal conditions, the HDC operates normally on a slope of no more than 50%, which depends on road conditions, tires and driving conditions. On a steeper slope, the HDC turns off automatically.

Activation conditions of Hill Descent Control:

- HDC switch is ON;
- The vehicle speed is less than 35 km/h;
- The vehicle is moving;
- The opening of accelerator pedal is not excessive;

- Going downhill is detected.

### ⚠ Warning

- The HDC cannot operate under all conditions. It is only designed as auxiliary equipment.
- It is still your responsibility to ensure the safe driving of the vehicle.
- If yAou press the HDC button, the HDC activates. When going downhill, the HDC activates automatically and helps the vehicle to go downhill at a constant speed.

### 👁 Caution

Generally, the maximum slope of an asphalt pavement is 50%, which depends on the road conditions, tires and driving conditions. On a steeper slope, the HDC does not turn off automatically.

## Parking system

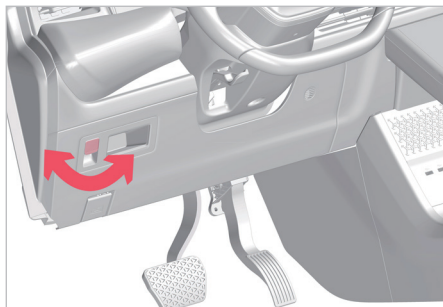
### Applying electronic parking manually

The electric parking brake can be achieved by the following two methods:

- 1 Electric parking brake will be applied automatically after pressing the "P" gear to successfully shift into "P" gear.



- 2 Pull the electric parking brake switch.



## Releasing electronic parking manually

Press electric parking brake switch to release.

## Releasing electronic parking automatically

After vehicle is started, fasten driver's seat belt, close all doors, depress brake pedal, shift to "D" or "R", depress accelerator pedal, the vehicle will release parking brake automatically.

### ! Hint

Ensure that the driver's seat belt is fastened and all doors are closed, otherwise the electronic parking automatic release function cannot be realized.

In addition to the functions usually possessed by traditional manual brakes, electric parking brake also provides unique comfort, quickness and safety functions.

#### 1 Hill start assist system

When starting uphill, the hill start assist system can prevent the vehicle from slipping inadvertently. When sufficient driving force is formed on the wheels, the braking force of the parking brake is canceled.

#### 2 Emergency brake function

The function is used when the common brake control mechanism has failed or is locked. When the parking brake switch is pulled up, the vehicle can be braked with the parking brake in case of emergency. As soon as the switch is released, the braking process can be stopped.

When the vehicle speed starts from 5 km/h, if the parking brake button is pulled up and held still, the dynamic brake function is activated.

### 👁 Caution

For emergency brake:

- The parking indicator "P" in the instrument cluster is always ON.
- The brake tail lamp is ON.

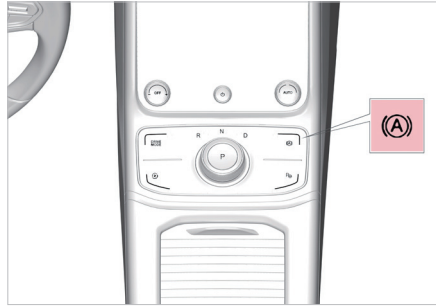
### ! Hint

- In humid and corrosive environment, if you want to stop the vehicle for a long time, it is recommended to stop on flat ground to prevent the phenomenon that the vehicle is difficult to start or cannot start due to rust and adhesion between brake discs and brake pads.
- Before the vehicle is transported, the parking brake switch can be pulled up and kept for 3s after parking, so that the EPB can clamp it again to prevent the vehicle from sliding slope during transportation.

## Warning

The dynamic braking function should only be triggered in case of emergency where the brake pedal is blocked. Neither EPB nor ABS can go beyond the laws of physics. On roads with large curvature, poor road surface or in winter, the maximum braking may lead to tail flick or sideslip of the vehicle, thus posing a risk of accident.

## Auto Vehicle Hold (AVH)



AUTO HOLD, that is, when the vehicle stops under the condition of long-term motor running, such as on a slope, encountering traffic lights or stop-and-go traffic conditions, and the automatic parking function is met, it is not necessary to depress the brake pedal or pull up the parking switch.

### Standby state

Set the power mode to "ON", the driver's door is closed and the driver's seat belt is fastened. The driver touches the AVH switch. At this point, the AVH switch indicator is ON and AVH enters the standby state (the function is not activated).

## Caution

- If "door closed", "seat belt fastened" and other conditions are not met or any condition is not met, the vehicle will exit the standby state.
- Turn off the power system and power on again. AVH function is automatically turned off. If AVH needs to be turned on, it needs to be turned on again.
- When operating the AVH switch, ensure that the vehicle voltage is normal.

### Execution state

AVH function of the vehicle is in standby state. When the vehicle gear is in "D" and the vehicle speed is greater than 0 km/h, it can actively enter AVH active state by depressing the brake pedal when the vehicle speed drops to 0 km/h. At this point, the brake pedal is released, the vehicle performs Auto Hold, and the Auto Hold indicator (green) on the instrument cluster display is ON without depressing the brake pedal or pulling up the parking switch.

## Caution

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If "door closed", "seat belt fastened" and other conditions are not met or any condition is not met, the vehicle will exit the Auto Hold function.

---

### Automatic release at static state

When the AVH function of the vehicle is activated, if the vehicle needs to start automatically, the following conditions must be met:

- Brake pedal is in release state;
- Vehicle is stationary (speed is 0 km/h);
- Vehicle is in starting gear (Drive);
- Fasten the driver's seat belt;
- Driver's door is closed;
- Vehicle operating voltage is normal.

If the above conditions are met and the accelerator pedal is depressed, other operations are not required for AVH. At this point, the wheel side pressure is released, the vehicle starts automatically, the Auto Hold indicator on the instrument cluster display is OFF and AVH enters the standby state.

## Approaching vehicle sound for pedestrians (VSP) system

### General description

As the noise of pure electric vehicle is relatively low when low-speed running, it is difficult for pedestrians around to detect it. In order to minimize the potential safety hazard caused by silent driving of electric vehicles.

When the vehicle speed is 0 km/h, the pedestrian alerting speaker is silent.

VSP system is a function that uses sound to alert pedestrians of the presence of the vehicle when it is being driven at a low speed (0 km/h - 20 km/h). With the vehicle in acceleration, volume and frequency of the sound increase as vehicle speed increases, and the sound disappears with vehicle speed exceeding 30km/h. Similarly, the sound decreases with the vehicle in deceleration.

### Hint

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When the vehicle power mode is set to "ON", pedestrian alerting sound can be set to ON or OFF, and "ACC" and 10-minute mode functions are not available.

---

## VSP system warning sound

The function of the low-speed approaching vehicle sound for pedestrians (VSP) system is turned on by default. When the "OFF" button of the VSP system is not triggered (when the indicator is not ON), the VSP system has the following two sound states:

- 1 Driving warning sound: When the vehicle is starting, the VSP system is activated, the gear is in "N" or "D", and the vehicle speed is between 1 - 30 km/h, the vehicle will give a warning sound.
- 2 Reversing warning sound: When the vehicle is starting, the VSP system is activated, the gear is in "R", and the vehicle makes a "beep" sound.

## ⚠ Warning

- If there is the possibility of having pedestrians, the VSP system must not be OFF.
- If the vehicle is driving with the VSP system OFF, it may cause the surrounding pedestrians not to notice the driving vehicle, thus causing casualties to the surrounding pedestrians.
- If the VSP system is activated (the VSP system is "OFF" and the indicator is not ON) and the vehicle does not give warning sound, please contact NETA Auto service station immediately!

## VSP system switch



Draw down the edge of the central control display to call up the shortcut bar. In the push-start shortcut function, there is a "pedestrian alerting beep" switch button (the button is highlighted when the pedestrian alerting beep is OFF), and the pedestrian alerting beep is ON by default.

## ⓘ Hint

When the vehicle is restarted, the prompt sound system resume operation.

## Tire pressure monitoring system

### General description

Tire Pressure Monitoring System (TPMS): A direct tire pressure monitoring system is applied to the vehicle.

When the tire has low pressure, high pressure, rapid air leakage, high temperature, sensor loss and low power, the receiver will send out an alarm signal and display it through the trip computer display on the instrument cluster display.

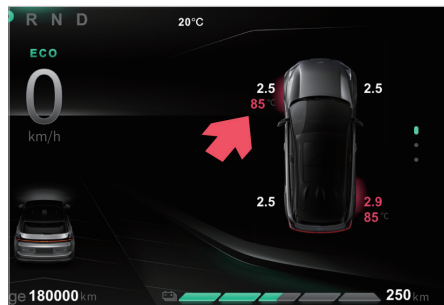
After the vehicle is started, the tire pressure monitoring system automatically enters the normal working mode. After the vehicle is started, the tire pressure sensor starts to monitor the tire pressure, temperature and acceleration.

### Alarm and reminder mode

When high pressure, low pressure, rapid air leakage, high temperature, tire pressure sensor loss, low sensor power, sensor fault and other faults threaten driving safety, the system will enter an alarm state! The central control display will be preferentially switched to the TPMS interface, and the tire at the corresponding position will give an alarm, and the alarm indicator on the instrument cluster display is also ON accordingly. Driver should

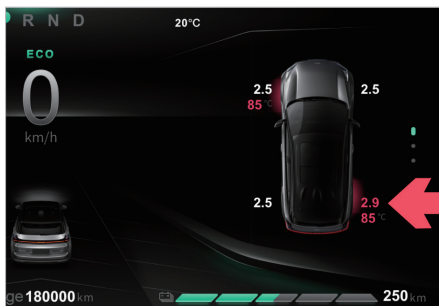
immediately take corresponding measures to avoid affecting the life safety of driver and passengers.

### Tire temperature alarm



When the system detects that any of the four tires has abnormal tire temperature, the corresponding value of the tire displayed on the tire temperature interface of the instrument cluster display is red, accompanied by an alarm sound, and the TPMS system fault warning lamp is ON.

### Tire pressure alarm



When the system detects that any of the four tires has abnormal tire pressure, the corresponding value of the tire displayed under the tire pressure interface of the instrument cluster display is red, accompanied by an alarm sound, and the TPMS system fault warning lamp is ON.

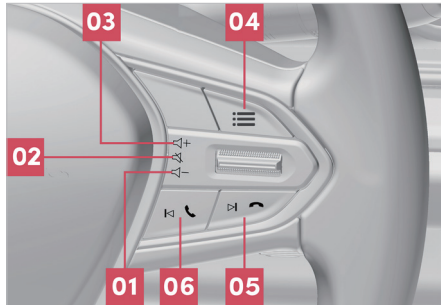
### Caution

- The system is not a tire pressure gauge, it can not also prevent flat tire and tire burst. Its main function is to monitor tire temperature and pressure and give an alarm when the value is lower than or higher than a certain set value.
- If radio transmitters (such as wireless headphones and walkie-talkies) are used in or near the vehicle, the operation of the tire pressure monitoring system may be disturbed.
- After the vehicle drives about 10000 km for tire rotation, please re-match the tire pressure sensor at NETA Auto service station. Otherwise, the tire position displayed on the instrument cluster will not conform to the actual situation.
- When the fault lamp of the tire pressure monitoring system flashes, it indicates that the tire pressure monitoring system has failed. When the fault lamp of the tire pressure monitoring system is always ON, it indicates that the pressure and temperature in the tire are abnormal.
- The instrument cluster displays of some models only show the position of fault lamps and fault wheels. Some models display the corresponding fault types in the form of text prompts.



## Multi-function steering wheel

The vehicle is equipped with a multi-function steering wheel, multi-function buttons are arranged on the steering wheel. The functions of the central control display can be controlled through buttons, such as volume adjustment, multimedia control and telephone control. Through the multi-function steering wheel, high efficient control operation can be realized under the condition of ensuring safe driving.



**01** Volume -: Toggle the button down to reduce the volume by one bar, and press and hold it down to continuously reduce the volume.

**02** Mute button: Touch the button to mute and unmute.

**03** Volume +: Toggle the button up to increase the volume by one bar, and press and hold it

up to continuously increase the volume.

**04** Menu button: Shortly press to switch to view vehicle status and multimedia information on the right side of the instrument cluster display, press and hold to call up the mileage reset interface on the central control display.

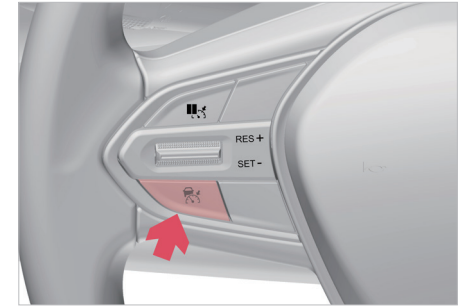
**05** Next/hang up: Next for multimedia music; a hang-up for Bluetooth call.

**06** Previous/answer: Previous for multimedia music; answering function for Bluetooth call.

## Cruise control system

Vehicle's cruise control system is a system that uses electronic programs to control the target torque of the drive motor so that the vehicle can automatically keep running at a constant speed. After using the cruise control function during long-distance driving on the expressway, the driver can keep the vehicle running at the set speed without depressing the accelerator pedal, thus reducing driver's fatigue and improving driving comfort.

## Turning on/off cruise control system



- Vehicle power mode is set to "START", the gearshift switch is turned to "D", and the cruise switch is pressed, then the indicator on the instrument cluster display is displayed.
- Press the cruise switch again or set the vehicle power mode in "OFF" to turn off the cruise system.

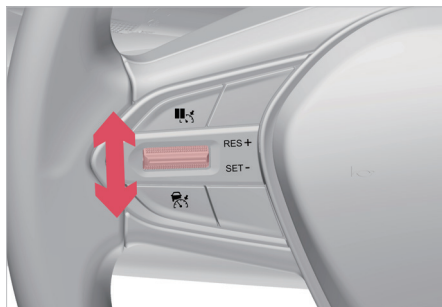
## Warning

- Incorrect activation of the cruise control system may lead to collision accident.
- The cruise control system can only be activated when the weather conditions are good and driving on smooth expressways.

## Hint

When the vehicle is started, the instrument cluster displays the "READY" state, and the cruise control speed setting interface can be entered, but the speed cannot be set.

## Adjusting speed

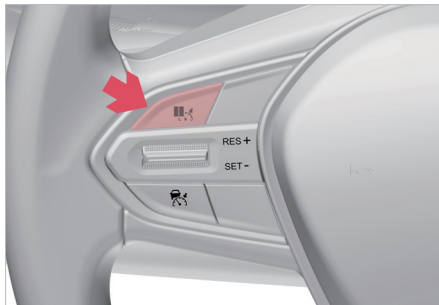


- Acceleration (up)
  - Deceleration (down)
- Press and hold RES+ for 2 seconds to increase the vehicle speed by 10 km.
  - Press and hold SET- for 2 seconds to decrease by 10 km.
  - Touch to increase and decrease by 1 km.

## Overstepping acceleration

In the cruise state, depress the accelerator pedal to accelerate. If other operations are not carried out after acceleration, the speed set before acceleration is returned. You can set the speed and cruise by depressing the accelerator pedal and operating the cruise speed button up or down.

## Suspending



After cruise control system is turned on, press

the button to suspend the cruise function.

## Exiting cruise control system

Press the cruise button to exit the cruise system, and depress the brake pedal to exit the cruise system.

## Parking sensor system

During parking, reversing and low-speed driving, the front and rear parking sensor of parking sensor system detects the obstacles in front and rear of the vehicle and prompts the driver through the alarm sound.

## Caution

- Surface of the parking sensor should always be kept clean and the parking sensor should not be covered.
- In order to ensure the function of parking sensor, it must be kept clean and avoid freezing.
- When cleaning the surface of the parking sensor, a soft wet cloth should be used to avoid scratching the surface.

## Parking sensor alarm

- 1 When the vehicle is driving below 12 km/h, the front and rear parking sensors detect obstacles. It will prompt through alarm sounds with different frequencies

according to different distances of obstacles.

- 2 When the gearshift switch is in "R", during reversing, obstacle will be detected, it will prompt through alarm sounds with different frequencies according to different distances of obstacles.
  - Parking sensor system issues different prompt sounds according to the distance and changes between the obstacle and the front and rear bumpers. The closer distance is, the prompt sound will be more rapid while the distance is closer.
  - The alarm prompt will be sounded by the horns at the front, rear, left and right positions according to the different positions of the obstacles.

### **Warning**

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- Parking sensor system is only a reversing assistance system, and drivers still need to pay attention to the surrounding environment during reversing.
  - The ultrasonic sensor of the parking sensor system has blind areas when detecting obstacles. When reversing, the driver must pay attention to observe to avoid reversing accident.
  - Parking sensor system sensors are precision components, never disassemble or repair without permission. For damages caused by user's unauthorized disassembly and repair, NETA Auto will not bear the responsibility of Quality Assurance.
  - Surface of certain objects cannot reflect the signals sent from the sensors of the parking sensor system, preventing parking sensor system from detecting such objects or people wearing such clothes.
- 

### **Caution**

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- If water droplets are attached to the surface of the ultrasonic sensor, the sensitivity of the ultrasonic sensor will decrease, and the sensitivity can be restored by wiping off the water droplets attached to the ultrasonic sensor.
  - Noise sources outside the vehicle may interfere with the alarm system, preventing the system from properly detecting objects or people.
  - In narrow places or other special scenes, the system may detect railings, trees or slope surfaces, which is a normal phenomenon.
  - In order to ensure the function of ultrasonic sensor, it must be kept clean and avoid freezing. Cleaning the parking sensor system with a high-pressure cleaner should be gentle for a short time, and the distance between the nozzle and the ultrasonic sensor should be at least 10 cm.
- 

### **Parking sensor activation**

Parking sensor system does not work normally in the following cases:

- 1 Sensor is affected with damp and frozen (the sensor can work normally after thawing and dehumidification).

## Driving

- 2 Sensor is covered with foreign matters, such as snow or water, or the sensor cover is blocked (the sensor can work normally when the foreign matter is removed or the sensor is not blocked any more).
- 3 Driving vehicle on rough roads (unpaved roads, gravel roads, bumpy roads or steep slopes).
- 4 There are objects that can produce large noise interference within the detection range of the sensor.
- 5 Heavy rain or water spray.
- 6 There is a radio transmitter within the detection range of the sensor.
- 7 Trailer towing.

The detection range may decrease in the following cases:

- 1 Sensor is polluted by foreign matter, such as snow or water (the detection range returns to normal after the pollutant is removed).
- 2 Outside temperature is extremely hot or cold.

Following objects may not be recognized by the sensor:

- 1 Thin sheets or slender objects, such as

steel cables, chains, thinner columns and piles.

- 2 Objects that can absorb the frequency of sensors, such as clothes, sponge or snow.
- 3 Shorter object.
- 4 Ajar rolling gate.

## Driving in special environment

### Driving in water

Confirm water depth before driving in water. If the water level is above the bottom of the vehicle, do not drive the vehicle in water.


### Warning

When driving in water, please keep low speed and do not stop the vehicle. After passing through the water, please gently depress the brake pedal to check whether the brake can still be completely applied. Water and mud will wet the brake linings, causing the brake function delayed.

### Caution

If the vehicle is driven too fast, water may enter the front compartment fuse and relay box and other parts. This will cause damage to some parts of the vehicle and reduce the service life of these parts. When the vehicle fails, please contact NETA Auto service station immediately for inspection and maintenance.

### Limp home mode

When the electronic control unit of the vehicle fails, it will automatically start the standby electronic circuit, so that the vehicle can continue to drive to home in the fault mode or contact the NETA Auto service station for inspection and maintenance. When the Limp Home mode is enabled, the Limp Home indicator  comes on, "Limp Home Mode Is Enabled" appears for 5s and the alarm sounds once. Part of the performance of the vehicle is reduced in limp home mode, so it should be repaired as soon as possible and should not run for a long time.

Limp home mode recovery operation

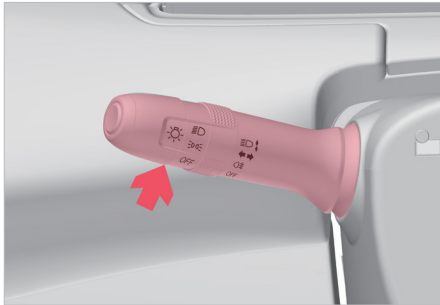
When the vehicle enters the limp home state, if the fault causing the limp home is eliminated, the vehicle needs to be powered off and restarted to exit the limp home state and return to the normal driving state.

## External lighting

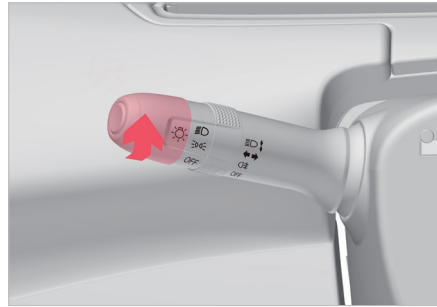
### External light system

In order to improve driving safety, the vehicle is equipped with an external lighting system, which can make the vehicle more easily recognized by other traffic participants, it consists of lamps installed at the front and rear of the vehicle. External lighting system includes turn signal lamp and brake lamp.

### Light combination switch

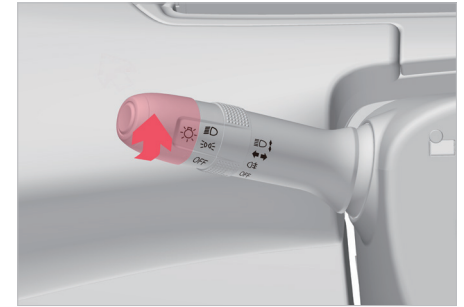


### Position lamp



When the vehicle power mode is set to "ON" or "START", turn the two gears in the direction of the arrow in the above figure, and the position lamp is ON. When the position lamp is ON, the front full-width lamp is ON as a decorative lamp, and its color and brightness are the same as those of the front position lamp, and it is always ON without flashing. When the position lamp is OFF, the decorative lamp is OFF.

### Low beam lamp



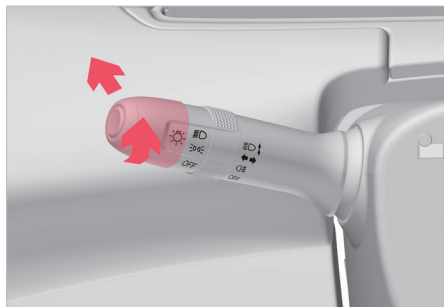
When the vehicle power mode is set to "ON" or "START", turn the three gears in the direction of the arrow in the above figure, and the low beam lamp is ON.

### Caution

Please use the front combination lamp when the power battery is enough to prevent the power of the vehicle's power battery and low-voltage battery from depleting.

## High beam lamp

### High beam lamp ON



- Select the position of the low beam lamp of the front combination switch;
- Turn the light combination switch towards the instrument cluster;
- After releasing the light combination switch, the high beam lamp is ON;
- The high beam lamp in the instrument cluster display is ON.

### High beam lamp flashes



### Turn on the flashing function of high beam lamp:

- Turn the light combination switch towards the steering wheel, the high beam lamp is ON, and the high beam indicator on the instrument cluster display is also ON. After releasing the light combination switch, the light combination switch will automatically return to its position, the high beam lamp is OFF, and the high beam indicator on the instrument cluster display is also OFF.

### ⓘ Hint

When the light combination switch is in any position, the high beam lamp flashing can be realized.

### High beam lamp OFF



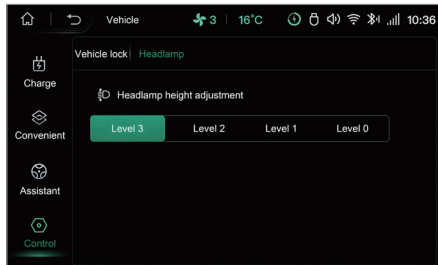
- Turn the light combination switch towards the steering wheel;
- After releasing the light combination switch, the high beam lamp is OFF.

### ⓘ Hint

When the light combination switch is set to "OFF", the high beam lamp continuous ON function cannot be turned on. However, if the external light combination switch is set to "OFF", the high beam lamp can flash at these positions.

## Headlamp height adjustment

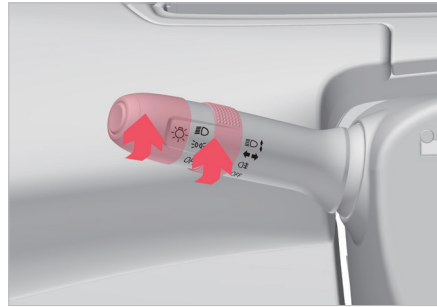
The vehicle is not provided with the physical adjustment switch, it is adjusted on "Setting" interface in central control display, levels 0, 1, 2 and 3 correspond to the high and low positions of the headlamp beam. Level "0" is the highest height and level "3" is the lowest height.



### Hint

- Headlamp height adjustment can be performed when the vehicle power mode is set to "ON" or "START", and "ACC" and 10-minute mode functions are not available.
- Level 3 is default, and the last change is memorized.

## Rear fog lamp



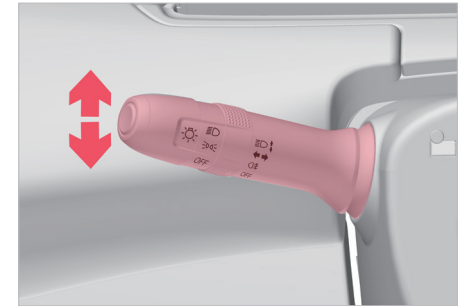
- Light combination switch is turned to the position lamp or low beam lamp position.
- Turn the fog lamp switch by a level to turn on the rear fog lamp.
- The rear fog lamp icon on the instrument cluster display is ON.



### Caution

As fog lamp has better penetration, it is recommended to turn on when visibility is low such as foggy and rainy days.

## Turn signal lamp

This Turn signal lamp is sweeping.



Turn the light control lever down to turn on the left turn signal lamp, while the indicator  in the instrument cluster display flashes. Turn the light control lever up to turn on the right turn signal lamp while the indicator  in the instrument cluster display flashes.

When the steering wheel returns to a certain angle after steering, the light control lever will automatically return and the external turn signal lamp and the turn signal indicator in the instrument cluster display are OFF.

### ! Hint

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When the external light is at "OFF" or "AUTO", the turn signal lamp is sweeping, and it is in flashing mode in other state.

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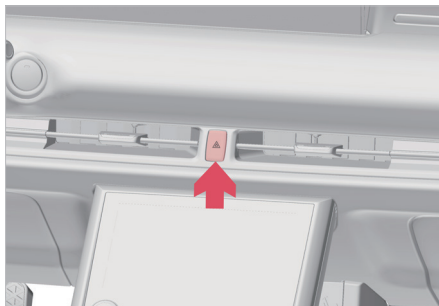
When changing lanes:

Move the light combination switch up or down to the first position. Indicator flashes three times.

When turning:

Move the light combination switch up or down as far as possible to activate the turn signal indicator. When the steering wheel is returned to a certain angle after steering, the turn signal indicator is automatically canceled. You can also turn the light combination switch back to its original position manually.

### Hazard warning lamp



Hazard warning lamp button

Hazard warning lamps are used to indicate an emergency of the vehicle and warn other traffic participants.

Turn on hazard warning lamp:

- Press the hazard warning lamp button.

Turn off the hazard warning lamp:

- Press the hazard warning lamp button again.

### ! Hint

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When the hazard warning lamp is ON, the turn signal indicator is not working.

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### 👁 Caution

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Hazard alarm and turn signal lamps function, post-trigger is preferred.

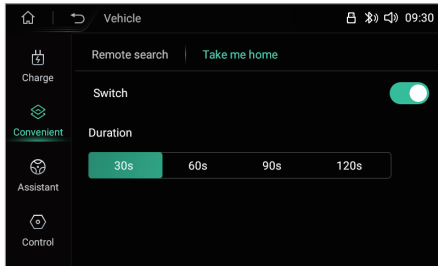
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### Follow Me Home

Function of Follow Me Home is to turn off the power mode of the vehicle in the dark and illuminate the surrounding environment of the vehicle after opening the driver's door. The tail lamp and license plate lamp are also turned on, and the light is automatically OFF after being turned on for a period of time, during which time, you can go home with the light.



## Follow Me Home switch



Function of Follow Me Home can be turned on or off on "Setting" interface of central control display.

Duration settings of Follow Me Home display

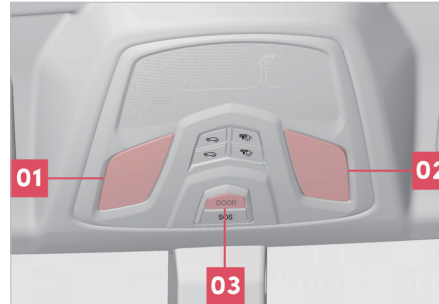
You can set the effective duration of Follow Me Home, which can be set to 30/60/90/120s (the default value is 30s).

Operation method of Follow Me Home

High beam flashes twice within 2 minutes after the vehicle is powered off.

## Internal lighting

### Front reading lamp



**01** Left reading lamp: In either power mode, when the left reading lamp switch is pressed, the left reading lamp is ON, and when the left reading lamp switch is pressed again, it is OFF.

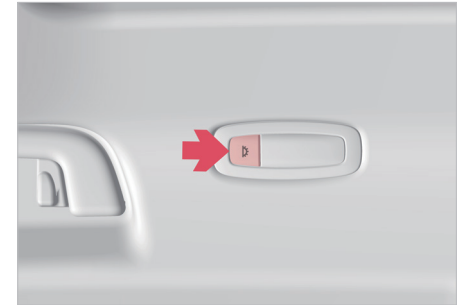
**02** Right reading lamp: In either power mode, when the right reading lamp switch is pressed, the right reading lamp is ON, and when the right reading lamp switch is pressed again, it is OFF.

**03** DOOR control switch: When the "DOOR" control switch is pressed and any door is opened, interior front lamp and interior side lamp are turned on; all doors are closed and the interior lamps are OFF.

## Caution

In case of low battery power, do not use the reading lamp for a long time, which may consume the battery.

### Rear reading lamp

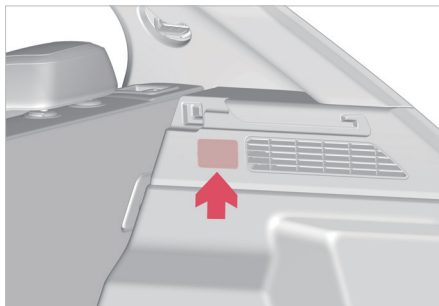


Press the button to turn on/off the rear reading lamp.

### Caution

When the vehicle power mode is in "ON" or "START", the vehicle collides, the front and rear reading lamps are immediately ON for 30 min. Within 30min when the reading lamp is ON, when the vehicle power mode is switched to "OFF", the ceiling lamp is OFF immediately.

### Trunk headlamp



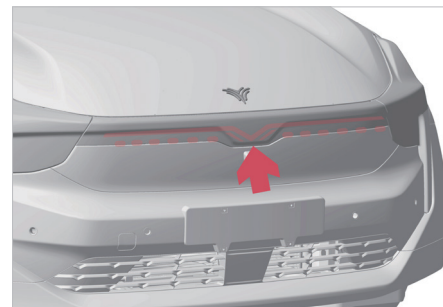
When the tailgate is opened/closed, the trunk headlamp is automatically ON/OFF.

### Hint

The tailgate is always opened when the vehicle power mode is in "OFF", and the trunk headlamp is OFF after 15 min.

### Front and rear full-width lamps

#### Front full-width lamp



When the position lamp is ON, the front full-width lamp is ON as a decorative lamp, and its color and brightness are the same as those of the front position lamp, and it is always ON without flashing. When the position lamp is OFF, the decorative position lamp is OFF.

#### Charging indication function

When the vehicle is being charged, front full-width lamp LED strip starts to flash towards the both ends with the middle V-shaped. One lamp bead is always on when the battery is fully charged with 20% of power. All lamp beads are always on when the battery is fully charged. Turning on or off charging indicator

refers to vehicle setting.

Exit condition of charging indication function:

- Disconnect charging gun
- Exit charge state
- Enter vehicle welcome mode
- Enter vehicle locating mode
- It will end after charging fully for 30 min

#### Vehicle locating function

When using the vehicle locating function, the front full-width lamp flashes three times and ends with the same color as the turn signal lamp.

#### Vehicle welcome function

When the vehicle is locked, press the remote smart key unlocking button, the front full-width lamp enters welcome mode:

- 1 The front full-width lamp is ON by sweeping from the middle (V-shaped bottom) to both ends.
- 2 Position lamp is ON by sweeping from inside to outside.
- 3 When the welcome mode of a vehicle ends, and the ON time of front full-width lamp is preset by the vehicle. See the actual vehicle settings for details.

### Rear full-width lamp



#### Vehicle locating function

When using the vehicle locating function, the rear full-width lamp and rear turn signal lamp flash three times and end with the same color as the turn signal lamp.

#### Vehicle welcome function

When the vehicle is locked, press the remote smart key unlocking button, the rear full-width lamp enters welcome mode:

- 1 The rear full-width lamp is ON by sweeping from the middle to both ends.
- 2 Position lamp is ON by sweeping from inside to outside.
- 3 When the welcome mode of the vehicle ends, and the ON time of rear full-width lamp is preset by the vehicle. See the ac-

tual vehicle settings for details.

## Wiper washing

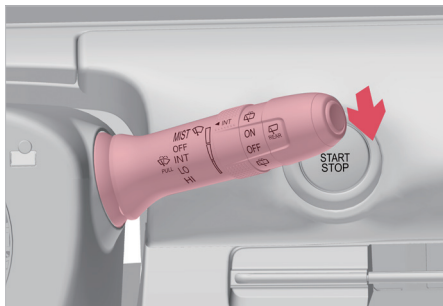
### Windshield wiper turn off (OFF)

The original wiper position is "OFF", and when moving to the position in other positions, the windshield wiper is OFF.

#### Caution

- When the wiper is running, the windshield should be completely wet. Otherwise, the wiper and glass may be damaged.
- Before using the front windshield wiper in winter, the ice and snow on the front windshield should be removed to ensure that the wiper blades are not frozen. The wiper blades may be damaged if the frozen windshield wiper is turned on.

## Low-speed position (LO)

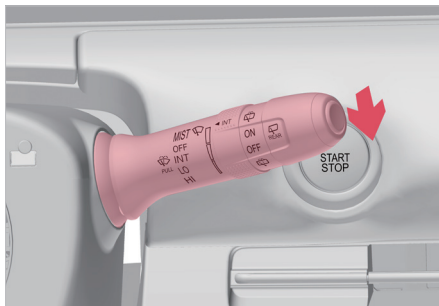


When the vehicle power mode is set to "ON" or "START", the wiper switch is in the original "OFF", two positions are pulled down, the wiper switch is switched to LO, and the front wiper is running at low speed.

### Caution

- When the front wiper is switched from LO to wiper "OFF", and the front wiper returns at low speed.
- When switching from LO to another position, it immediately switches to the action corresponding to that position.

## High-speed position (HI)

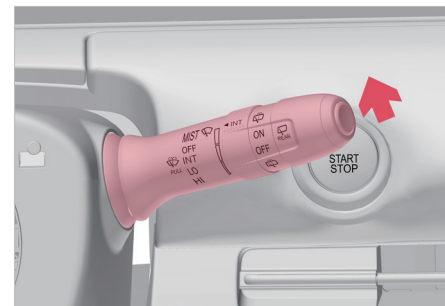


When the vehicle power mode is set to "ON" or "START", the wiper switch is in the original "OFF", the three positions are pulled down, the wiper switch is switched to HI, and the front wiper is running at high speed.

### Caution

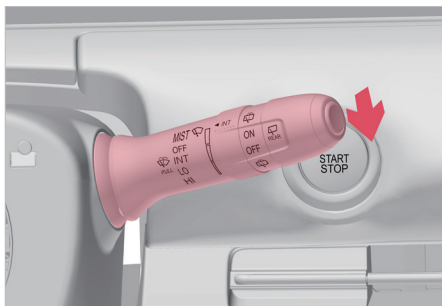
- When the front wiper is switched from HI to wiper "OFF", and the front wiper returns at low speed.
- When switching from HI to another position, it immediately switches to the action corresponding to that position.

## Inching position (MIST)



When the vehicle power mode is set to "ON" or "START", the wiper switch is shifted upward by a position from the original "OFF". When the wiper switch is switched to MIST, the wiper blade runs at a low speed once. Move the wiper lever to "MIST" and hold with the front wiper operating until the hand is released.

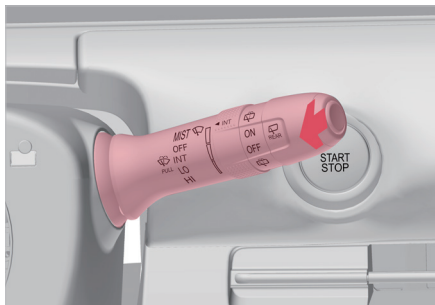
## Intermittent position (INT)\*



Move the lever down one position from the OFF position to INT. In this position, the wiper blade automatically works for one cycle every once in a while.

INT wiper time interval can be set, i.e. the INT switch is turned, the longer the time interval is when the INT switch is turned downward, and the shorter the time interval is when the INT switch is turned upward.

## Front windshield cleaning



Move the wiper switch towards the steering wheel to activate the windshield cleaner. Once the control lever is released, the windshield wiper will sweep the windshield several times.

### Front wiper replacement

The power mode is set to "OFF", and the wiper switch is moved in any position. The front wiper runs at a low speed for 1.5s, so that the wiper stays in the middle position of the windshield. When the power mode is set in other positions, the wiper switch is moved, and the wiper will return to the initial position and operate in the corresponding position.

### Load protection

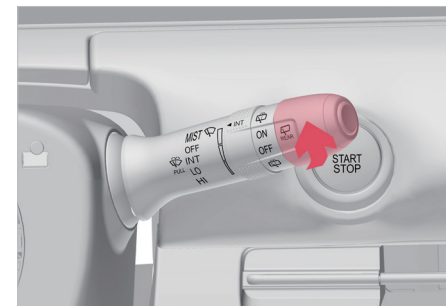
Turn on the wiper switch in any position. If the front wiper remains unchanged for 10s, the front wiper is turned off until the vehicle power

mode returns to "ON" from "OFF", or the front wiper lamp combination switch can be restarted only when it is turned to "OFF" and then to the operating position.

### Caution

It is recommended to use the original windshield cleaning products. Please follow the manufacturer's instructions.

## Rear windshield wiper



### 1 ON position

Turn the control lever to "ON" to turn on the rear windshield wiper.

### 2 OFF position

## Common operations

Turn the control lever to "OFF" to turn off the rear windshield wiper.

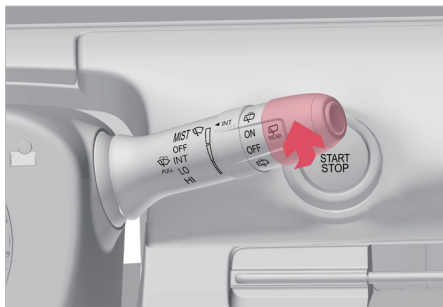
### Caution

When the rear wiper works, if the tailgate is opened, the rear wiper is immediately turned off and stopped. When the tailgate is closed, the wiper works after a delay of 3s.

### Rear wiper reversing linkage function

When the vehicle reverses in R, the rear wiper is turned on automatically. After reversing, the rear wiper stops working.

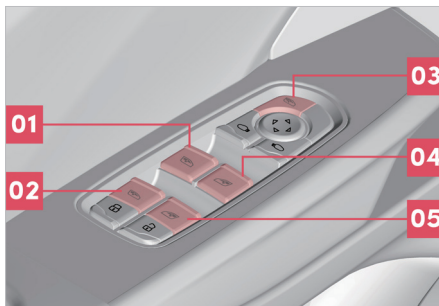
### Rear windshield cleaning



Turn the control lever to the rear wiper cleaning to start the rear windshield cleaner, and the rear windshield wiper continues to operate

until the rear windshield cleaning switch is released. Rear windshield cleaner can be turned on by rotating the control lever either forward or reverse.

## Power window



Driver's door control panel

- 01** Front left power window button
- 02** Rear left power window button
- 03** Power window lock button at passenger side (child protection)
- 04** Front right power window button
- 05** Rear right power window button

### Warning

- Do not leave children alone in the car to avoid accidental touch on the switch or control device and cause accident.
- If there are children in the car, please lock the power window button at passenger side when driving.

### Caution

Before using the window, please ensure that the window is not obstructed to prevent personnel from being injured.

## Operate power window

### Driver's window switch



### Close the window

Pull up and hold the switch until the window is moved to the desired position.

### Push-start closing (front seat driver side only)

Pull the switch upward and then release it, and the window will automatically rise. Continue to press or pull the switch to stop the window.

### Open the window

Press and hold the switch until the window is moved to the desired position.

### Push-start opening (front seat driver side only)

Push the switch downward and then release it, and the window will automatically lower. Continue to press or pull the switch to stop the window.

The power window glass lifting switches on the front passenger side and the rear seat passenger side are located on each door, and they are used in the same way as the window glass lifting switch at the driver side.

### Hint

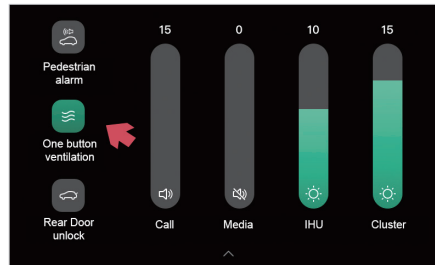
In order to reduce the wind noise when the rear window is opened while driving, please also open the front window slightly.

### Caution

If the outdoor temperature is below  $-20^{\circ}\text{C}$  ( $-4^{\circ}\text{F}$ ), do not operate the automatic up/down function (if equipped). Failure to comply with the regulation may damage the vehicle.

### Push-start ventilation

After turn on the "push-start ventilation" on drop-down shortcut operation bar of central control display screen, the four-door windows will drop a certain distance at the same time.



### Window anti-pinch

In the normal rising process of the power window, when an object is caught at any position, the window will immediately stop rising and automatically drop to release the clamped object and protect the safety of driver and pas-

sengers.

### Warning

Although the windows have the anti-pinch function, the driver and passengers are still required to observe whether there is a risk for people or obstacles being caught when closing the windows.

Power window lock button at passenger side (child protection)



After the window lock switch is pressed, only the driver window control switch can control each door and window, and the window control switches at other positions are invalid.

## Warning

- The driver shall correct and guide the children and passengers to operate the power window correctly, and turn off the power supply of the vehicle when leaving the vehicle.

## Sunroof

### Sunshade

Sunshade can be opened and closed with push-start button. When the sunshade is closed, opening the sunroof will automatically open the sunshade.



#### **01:** Open sunshade

Short press the 01 button, the sunshade runs to the open position until it is fully opened.

Press the 01 or 02 button again during the operation of the sunshade, the sunshade stops running.

Long press the 01 button, the sunshade runs to the open position until the button is released.

#### **02:** Close sunshade

Short press the 02 button, the sunshade runs to the close position until it is fully closed. Press the 01 or 02 button again during the operation of the sunshade, the sunshade stops running.

Long press the 02 button, the sunshade runs to the close position until the button is released.

## Caution

Do not forcibly close the sunroof sunshade when the sunroof is open.

## Sunroof



#### **01:** Open sunroof

- Tilt up

When the sunroof is closed, short press the 01 button, the sunshade is half opened (if the sunshade is closed), and the sunroof glass is tilted.

## Caution

When the sunroof is closed, long press the 01 button, the sunroof can only be tilted up and cannot be opened.

- Full Opening

When the sunroof is tilted up, short press the 01 button, the sunroof runs to the open position until it is fully opened. Press the 01 or 02 button again during the operation of the sun-



roof, sunroof stops running.

When the sunroof is tilted up, long press the 01 button, the sunshade runs to the open position until the button is released.

#### **02:** Close sunroof

Short press the 02 button, the sunroof runs to the close position until it is fully closed. Press the 01 or 02 button again during the operation of the sunroof, sunroof stops running.

Long press the 02 button, the sunroof runs to the close position until the button is released.

#### Hint

The power mode is set to "ON", which can switch and control the sunroof, and "ACC" and 10-minute mode functions are not available.

#### Warning

In order to ensure driving safety, sunroof operation is prohibited during driving.

#### Sunroof anti-pinch function

Close the sunroof with push-start button, and the sunroof has anti-pinch function.

Anti-pinch function prevents large items from being pinched when the sunroof is closed.

When the sunroof is closed, if the anti-pinch function is triggered, the sunroof will move a certain distance in the open direction and then stop moving.

#### Caution

The sunroof anti-pinch function does not prevent fingers from being pinched.

#### Warning

- Care must be taken when opening or closing the sunroof. Ensure that no one is in the range where the sunroof is opened and closed to avoid serious injury or injury to others.
- The driver must close the sunroof when leaving the car.
- Do not operate the sunroof when the temperature is very low (below -20°C). In such an environment, the sunroof anti-pinch function may not be activated, resulting in accidents. Low temperature will also cause some damage to the motor.
- Sunroof may stop monitoring obstacles when it is about to be completely closed, and there is no anti-pinch function at this time.
- Do not try to activate the anti-pinch function with your hands or a certain part of your body. Otherwise, it is very likely to cause serious injury to the body.
- In order to ensure driving safety, the driver is prohibited from operating the sunroof switch during driving.

## Caution

When closing the sunroof by sliding and tilting:

- When the sunroof switch is continuously pressed, the sunroof glass does not have anti-pinch function during closing.
- Press the switch shortly and release it quickly. The sunroof glass has anti-pinch function during closing.

## Rear view mirror

### Inside rear view mirror

The inside rear view mirror of the vehicle is a configuration that is convenient for the driver to observe the situation behind the vehicle.

Inside rear view mirror manual adjustment

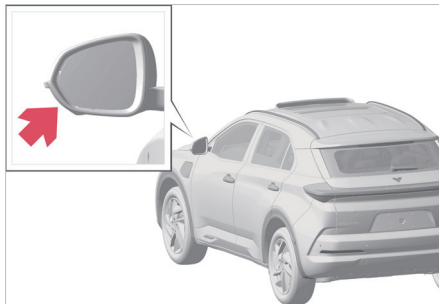


The inside rear view mirror can be adjusted by shifting the lever on the rear view mirror back and forth to reduce the dizziness of the driver caused by the lights of the rear vehicle.

## Warning

- Do not hang heavy objects on the inside rear view mirror, or shake or drag them hard.
- When adjusting the inside rear view mirror manually, do not violently adjust after binding, so as not to cause the inside rear view mirror to fall off.

### Electric outside rear view mirror



The outside rear view mirror has the function of electric adjustment.

The driver can adjust the electric outside rear

view mirror to the appropriate position through the electric outside rear view mirror switch to ensure driving safety.

## Warning

- Image of the object reflected by the outside rear view mirror is smaller than the real situation. Actual distance between the object and the vehicle is closer than it looks. Do not mis-estimate the distance from the rear vehicle and cause accidents.
- The position of the rear view mirror should be adjusted before driving, and do not adjust the rear view mirror when driving the vehicle.



**01** Left rear view mirror selection switch: It is used to select the outside rear view mirror to be adjusted.

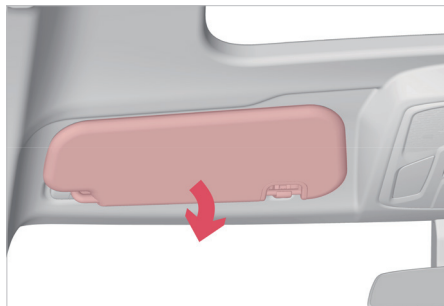
**02** Control switch: It is used to adjust the lens of the outside rear view mirror. Press the switch in the desired direction.

**03** Right rear view mirror selection switch: It is used to select the outside rear view mirror to be adjusted.

## Sun visor

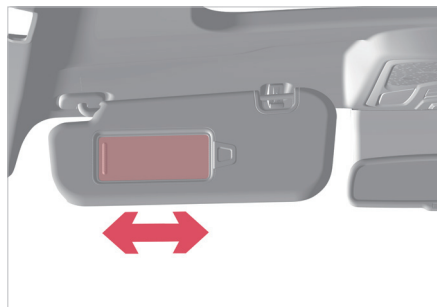
In order to prevent sunlight from pricking eyes and the influence of sunlight, the vehicle is equipped with two sun visors, which can be pulled back and forth, thus preventing sunlight from irradiating eyes, avoiding accidents.

### Use of sun visor



Lower the sun visor to the appropriate position to cover the front light. Lower the sun visor and remove the right side of the sun visor from the clip, then rotate to the side to block the light on the side.

## Vanity mirror



Open the sun visor below and you can see the vanity mirror, slide left and right to open or close. When not in use, in order to prevent the seat from being damaged by sunlight reflection, please restore the sun visor to its original position.

### ⚠ Warning

- When driving, do not turn the sun visor sideways to avoid danger.
- Driver is strictly prohibited from using vanity mirror when driving. Front passenger should not use vanity mirror when driving, so as not to be injured during emergency brake or collision.

## A/C

### Function introduction

The automobile A/C system is a device that realizes refrigeration, heating, ventilation and air purification of air in the carriage. It can provide a comfortable environment for passengers, reduce the fatigue strength of driver and improve driving safety. With the development of new energy vehicles, the A/C system has assumed the requirements of heating and cooling batteries.

### Turn ON/OFF A/C



Press "OFF" button to turn the A/C on or off. After A/C is turned on, it defaults to the last setting state.

When A/C is off, you can also turn on A/C by

## Common operations

operating the air volume knob, "AC", "AUTO", and air outlet mode button, the air speed after A/C is turned on is level 1.

### Air speed regulation



Clockwise rotation to increases the air speed, the maximum is level 7; counterclockwise rotation to reduces the air speed, and the minimum is level 1.

### Temperature adjustment



Clockwise rotation to increases the temperature, the maximum is 32°C; counterclockwise rotation to reduces the temperature, the minimum is 16°C. A/C control and state display

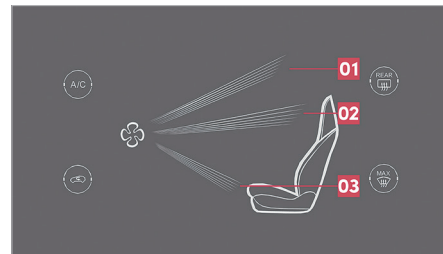
### Auto A/C

The auto A/C adjusts the air volume and direction automatically through the controller, which can provide you with a comfortable riding environment at all times.

Press the "AUTO" button to turn on the auto A/C. In this mode, the air speed, air outlet mode and circulation mode are automatically controlled by the vehicle, and the temperature can be adjusted through the temperature knob. After operating the air speed knob or the air outlet mode button, the AUTO mode will be exited and the corresponding manual mode

will be entered.

### Air outlet mode



- 01:** Window mode
- 02:** Face mode
- 03:** Feet mode

There are five types of air outlet modes: Face mode, feet mode, window mode, face/feet mode, feet/window mode, and operated by touching the 01/02/03 icon.

## Front defrosting



When the front windshield is fogged, please turn on the front defrosting mode and touch the button shown in the figure above.

A/C defrost mode working status:

- 1 Air outlet mode: Window mode.
- 2 Internal and external circulation state: External circulation.
- 3 Air speed level: 5 (If the last air speed level is greater than 5, execute the last air speed level)
- 4 AC ON.

## Rear defrosting

It is used for defrosting the rear windshield of the vehicle. The rear defrosting function is heated by resistance wire. Touch the button shown in the figure below to turn on the rear defrosting.



## Internal and external circulation switching



Touch the icon button to switch between internal circulation (indicator comes on) and external circulation (indicator turns off) modes. In the internal circulation mode, the A/C system circulates the air in the cabin, and in the external circulation mode, the A/C system exchanges the air outside the cabin with the inside air.

### ! Hint

- When the circulation air vent is in AUTO mode, if the internal circulation time is more than 15min, the system will automatically switch to the external circulation for 1min and then return to the internal circulation mode.

## Common operations

### Pollen filtration

Pollen filtration can effectively prevent various pollutants and exhaust gas emitted by other vehicles from entering and fresh the air inside, so as to realize the purpose of purifying the air environment inside.

### Cooling function

Touch A/C button to turn on the A/C cooling, at this time the air conditioner can gradually cool down the cabin.

### ! Hint

- When turning on the A/C cooling in summer, it is recommended that you turn on the internal circulation mode, which can appropriately reduce the power consumption.

## Seat

The driver's seat of the car is equipped with electric six-way adjustable and non-independent rear seats, and the overall backrest can be folded.

The ideal seat position should be to ensure comfortable driving posture, with slightly bent arms to hold the steering wheel and slightly bent legs to control all devices. When adjusting the height of the front seat, it should be noted that when the seat height is lowered, the feet of passengers on the rear seats may be pinched.

The front seat back should not be tilted too much. When the seat back is about 25° backward and vertical, the safety belt has the best effect. Also, in order to reduce the danger caused by the triggering of the airbag, the front seat should be adjusted backward according to the actual situation.

Design position of front seat: 180mm forward and 20mm backward, and the backrest angle is 25°

### 👁 Caution

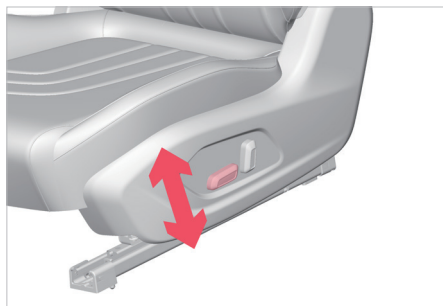
In order to prevent personal injury caused by loss of control, do not adjust the seat during driving.

## Adjustment of power seat



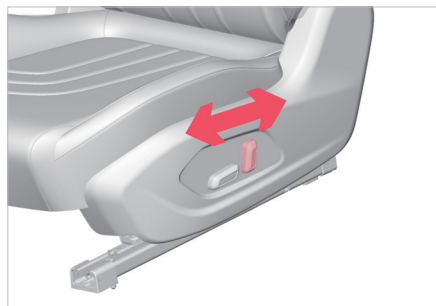
1 Front/rear adjustment

Push the switch forward or backward to move the seat back and forth.



2 Adjustment of cushion height

Pull the switch up or down to raise or lower the cushion.



3 Backrest adjustment

Swing the switch back and forth to adjust the backrest until the desired angle is reached.

## Rear seat

### Folding of rear seat backrest



If requiring to increase the luggage space, you can completely lower (or remove) all headrests of the rear seat first, then pull up the control lock buttons on both sides to fold the seat backrest forward, and the rear seat backrest can be folded by 4/6.

### ⓘ Hint

If the rear seat headrest is not completely lowered or the front seat backrest leans back too much, it is very likely to damage the back of the front seat, the small glove compartment or the rear seat headrest when folding the rear seat.

Rear seat backrest is deployed and locked

When re-unfolding the rear seat backrest, pull up the backrest control lock button, push the backrest until it is in place after unlocking, and lock the backrest when the "click" sound is heard.

### ! Hint

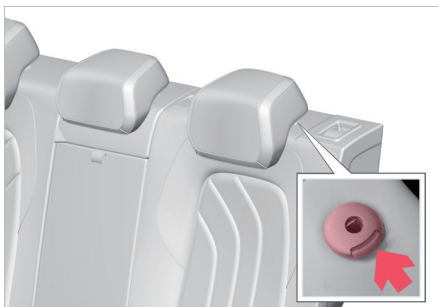
When restoring the rear seat backrest to the desired position, ensure that the rear seat belt is not stuck.



Function of headrest is to prevent the head from moving backward and reduce the damage to neck and head in case of accident or emergency brake.

### ! Hint

- Adjust the height of the headrest so that the top of the headrest is flush with the top of the passenger's head. The location can reduce the risk of neck injury in the event of car accident. Do not adjust or remove the headrest during driving.
- Do not hang anything on the headrest or on the headrest rod.



The rear seat headrest has 2 levels to adjust its height.

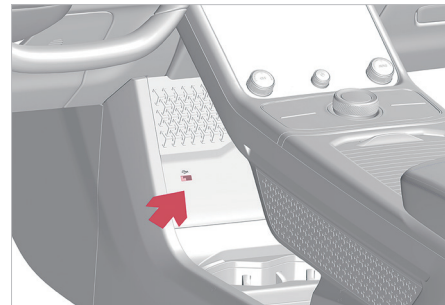
When the headrest is adjusted from low to high, you can directly pull the headrest upward. After reaching the required level, gently press the headrest downward to ensure that it is locked in place. To remove the headrest, you must press the guide bush button on the

left side of the headrest and pull up to remove the headrest.

When the headrest is adjusted from the high level to low level, press the guide bush button on the left side of the headrest, and press the headrest downward, release the button after reaching the required level, then gently press the headrest downward to ensure that it is locked in place.

## On-board power supply

### USB interface



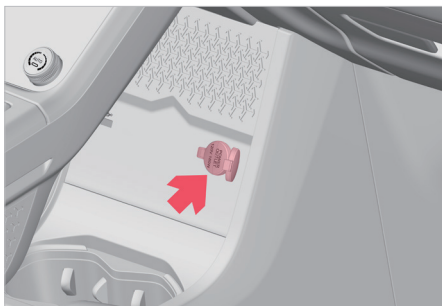
There is a USB interfaces in the front seat, which is located under the multi-function control panel, which supports multimedia playback and cellphone charging.





A USB interface is provided to the outside of the interior rearview mirror base to supply power to the digital video recorder.

### 12V power socket



The 12V power socket is located on the right side of the front USB interface, press to open the cover plate to see the 12V power socket

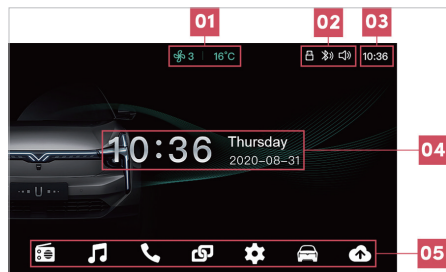
for connecting electrical equipment. If not used, be sure to close the socket cover.

### Warning

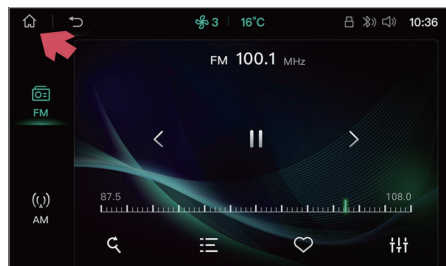
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- The power supply interface is dangerous, thus do not leave children alone in the car without care.
  - Be more careful when using the power interface! Improper use of power interface may cause fire!
  - Adding any electrical equipment to the vehicle may damage the vehicle or cause other parts to work abnormally. Repairs resulting therefrom are not covered by the warranty.
-

## Home page



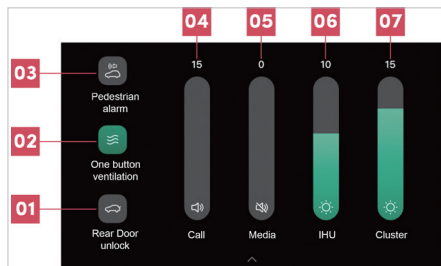
- 01** After the A/C is turned on, the current set are speed and temperature will be displayed;
- 02** Information state bar;
- 03** Current time;
- 04** Current date, week and time;
- 05** After the A/C is turned on, the current set are speed and temperature will be displayed;



Click the icon shown above in any application interface to return to the Home page.

## Shortcut operation bar

Swipe down on the top edge of the central control display screen to bring up the shortcut operation bar.

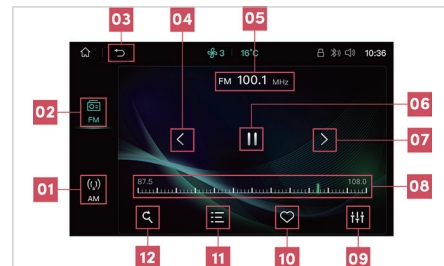


- 01** Tail gate unlocking;
- 02** Push-start ventilation, after turning it on, the four-door windows drop a certain height;
- 03** Pedestrian alerting sound switch;
- 04** Call volume, slide up and down to adjust the volume;
- 05** Media volume, slide up and down to adjust the volume;
- 06** Central control display screen brightness, slide up and down to adjust the brightness;
- 07** Instrument cluster screen brightness, slide up and down to adjust the brightness;

## Radio

The radio supports both AM and FM broadcasts.

## Radio player



- 01** AM broadcast;
- 02** FM broadcast;
- 03** Back;
- 04** Previous active channel;
- 05** Current channel information;
- 06** Play/Pause button;
- 07** Next active channel;
- 08** Adjustable channel range for current broadcast, swipe left and right to quickly select the desired channel;
- 09** Sound effect setting, please refer to the introduction of "Infotainment 8 inch" - "Setting" - "Sound" for details;

- 10** Favorite button, click to store the current channel;
- 11** Favorite list;
- 12** Automatic searching;

### Favorite list

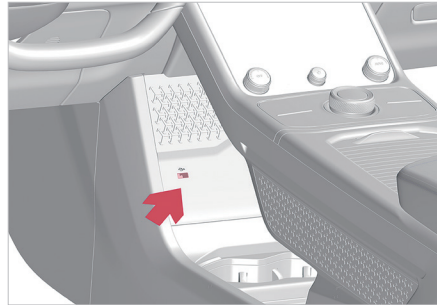
You can view all the favorite channels after opening the favorite list, and you can quickly listen to your favorite channels.



## Multimedia

Multimedia support USB and Bluetooth connection, including USB music, Bluetooth music.

After the USB is inserted and connected successfully, you can view and play the songs in the USB through the central control infotainment system. The USB interface is as follows:



### USB music

USB music player



- 01** Previous song;
- 02** Play/Pause;
- 03** Next song;
- 04** Current song playing progress. Drag the progress bar to fast forward or rewind.
- 05** Sound effect setting, please refer to the introduction of "System Setting" - "Sound" for details;
- 06** Circulation mode, which can be switched between circulation play, sequential play or random play;
- 07** Song list;

Playlist

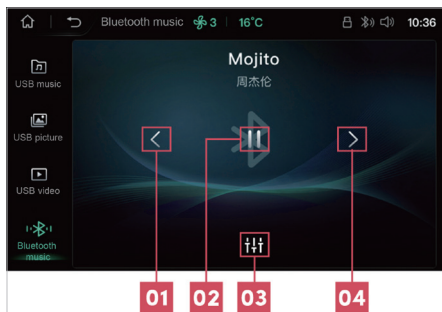
Swipe up and down to view the list details, click the corresponding song to play.



## Bluetooth music

After the Bluetooth of the mobile phone is successfully connected to the vehicle, the songs on the mobile phone can be played through the central control infotainment system.

Bluetooth music player

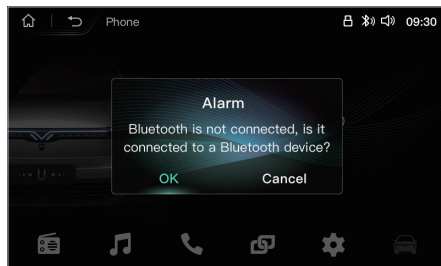


- 01** Previous song;
- 02** Pause/Play;
- 03** Sound effect setting, please refer to the introduction of "System Setting" - "Sound" for details;
- 04** Next song;

## Bluetooth phone

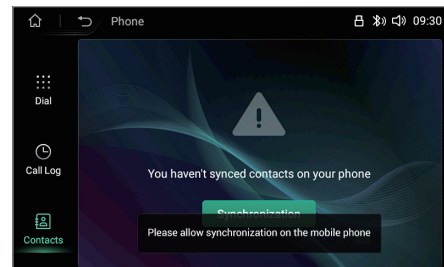
### Contacts

Before using the on-board bluetooth phone for the first time, it will prompt to connect the bluetooth device, click "OK" to connect according to the prompt.

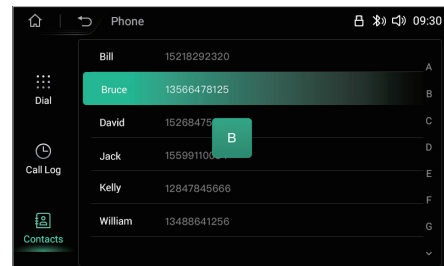


After the Bluetooth connection is successful, please synchronize the phone contacts, so that you can view the contact list on the central control display screen. After synchronizing the contact list, the caller

ID function can be realized on the central control display screen when the contact calls.



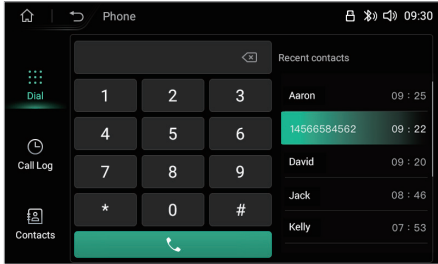
The initials allow you to quickly find the contact name starting with the corresponding initials.



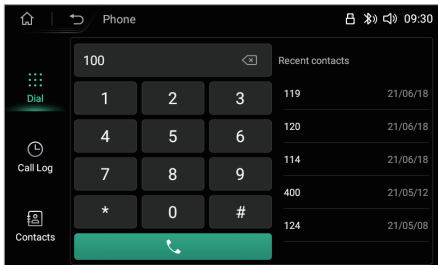
## Dialing

The left side of the dial interface is the dial pad, and the right side is the recent contacts.

To make calls to recently contacted people can be selected directly under Recent Contacts.



In the process of entering numbers, the system will automatically search for matching contacts according to the entered numbers, enabling you to quickly find the required contact number.

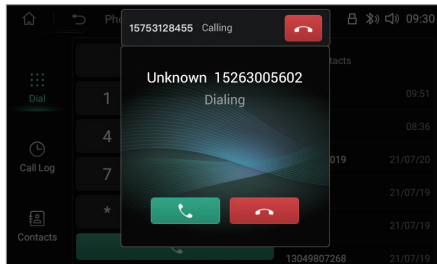


During a call, you can switch the answering

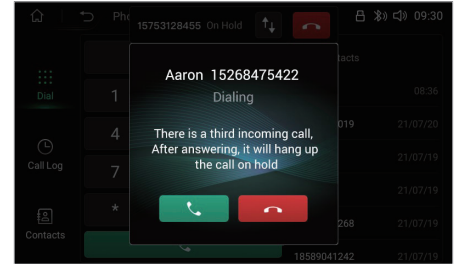
device between the mobile phone and the central control display screen through "Phone Answer".



When an incoming call comes in during a call, you can use the answer button to retain the current call and answer the new incoming call. You can also use the hang up button to reject new incoming call and continue the current call.

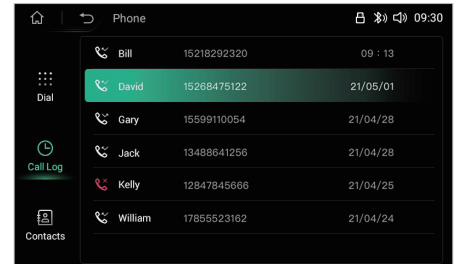


The phone function can hold at most one call. If a third call comes in, the call on hold will be hung up after answering and hold the current call instead.



## Call log

A record of recent calls and incoming calls will be kept in the log.

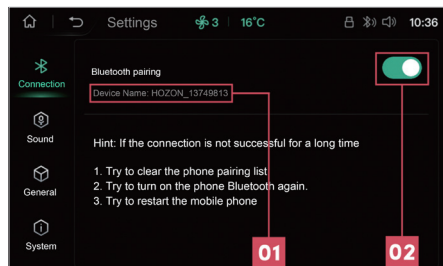


## System setting

### Bluetooth

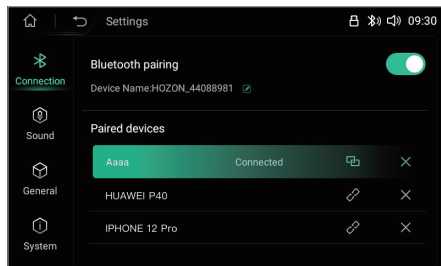
The vehicle can realize the connection and intercommunication between the mobile phone Bluetooth and on-board Bluetooth, and realize functions such as Bluetooth phone and Bluetooth music.

#### Bluetooth connection



- 1 Turn on the Bluetooth of the mobile phone.
- 2 Click 02, the icon changes from gray to green, indicating that the vehicle Bluetooth is turned on.
- 3 Find the device with the name shown in 01 under the available device search list in the Bluetooth connection interface of the mobile phone to match.

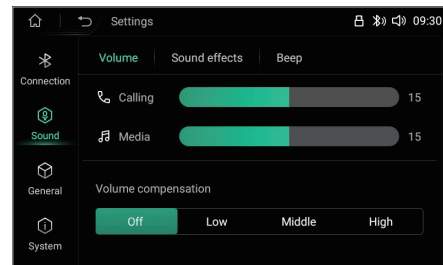
- 4 After the pairing code is successfully verified, the mobile phone and the vehicle Bluetooth are connected successfully.



The Bluetooth devices that have been matched will be displayed on the matching record. When connecting the next time, turn on the mobile phone and vehicle Bluetooth and click the corresponding device name under the matching record to automatically connect. Unwanted devices can also be removed via icon.

### Audible

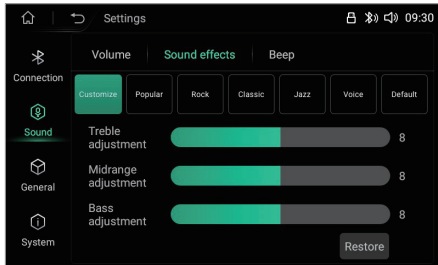
#### Volume setting



By sliding the brightness left and right, you can increase or decrease the volume of calls and media.

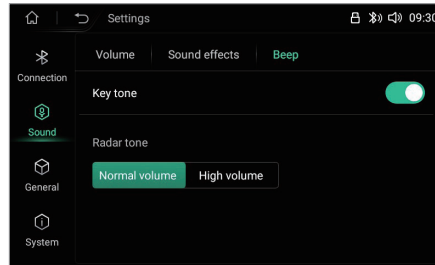
Speed volume compensation: when this function is turned on, the volume of calls and media will increase with the increase of vehicle speed. The compensation level is divided into "Low", "Medium", and "High". "Low" indicates that the volume has the smallest increase as the speed increases, and "high" indicates that the volume has the largest increase as the speed increases.

## Sound effect setting



The sound effect function allows you to set the sound effects of radio, music and video, and the system provides a variety of set styles of sound effects such as "pop", "rock" and "classical", which you can switch according to your personal preference by directly clicking the corresponding sound effect name. You can also choose "Custom" to adjust the high, medium and low sound to set personalized playback sound effects.

## Prompt sound setting

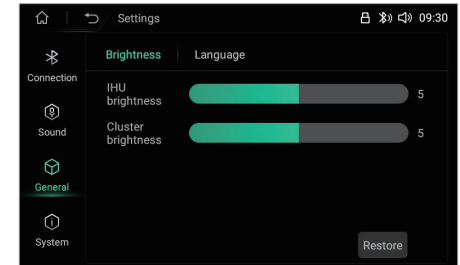


**Button prompt sound:** After turning on the button prompt sound, a prompt sound will be played when you operate the function buttons on the center panel.

**Radar prompt sound:** The radar prompt sound is the alarm sound issued by the reversing radar assistance system when an obstacle is detected within the alarm range when reversing. You can choose the alarm as "normal volume" or "large volume" according to your own needs.

## General

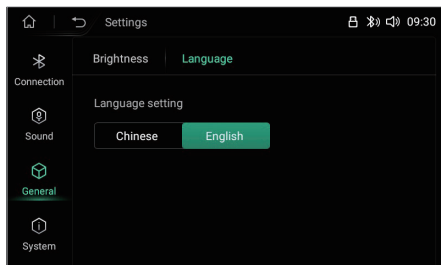
### Brightness setting



The brightness function allows you to set the brightness of the central control display screen and the instrument cluster, and slide the brightness bar left and right to adjust the brightness level.

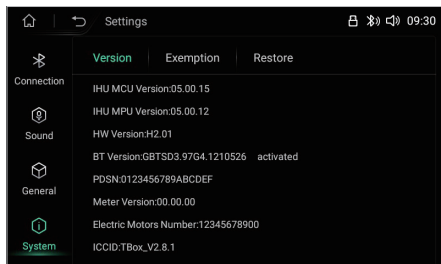
## Infotainment

### Voice setting

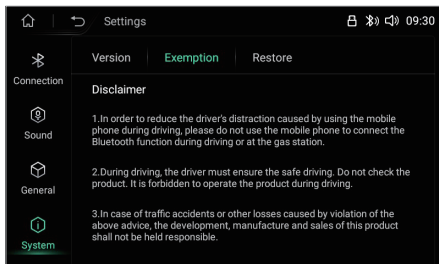


The content display of the central control display screen can be set to "Chinese" or "English".

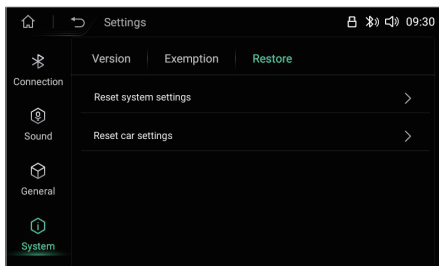
### System



Vehicle software, hardware, coding and other information.



Please read the disclaimer carefully before using the vehicle.



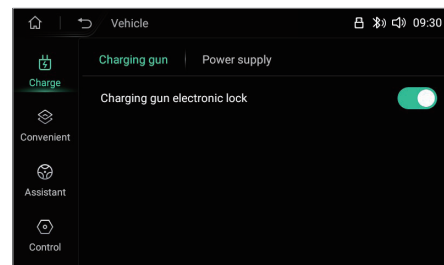
Restore system setting: Restore the function settings in the central control display screen to the factory settings, and the system needs to be restarted for restoring system setting.

## Vehicle setting

Vehicle settings mainly include settings for charging, convenience functions, assist driving functions, and vehicle control.

### Charging

#### Charging gun

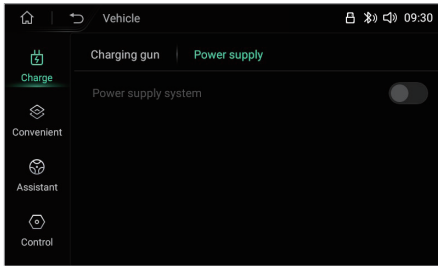


indicates that the charging gun is unlocked and can be pulled out. During or after charging, you can use this button or the remote control key unlock button to unlock the charging gun.

indicates that the charging gun is locked and cannot be pulled out. The charging gun will remain locked while the vehicle is charging.



## Power supplying

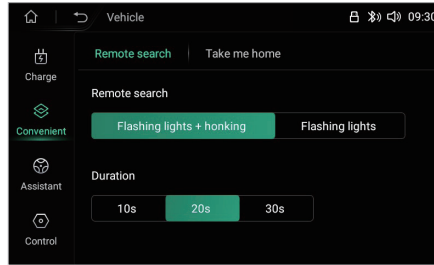


- End power supply to external equipment.
- Start power supply to external equipment.

Use a special discharging gun to connect the electric equipment through the vehicle slow charging port, and click to start external discharge. During discharging, the discharging gun is locked and cannot be pulled out. After the discharge is stopped, the discharging gun is allowed to be pulled out. When vehicle power battery is insufficient, it cannot supply power to external equipment.

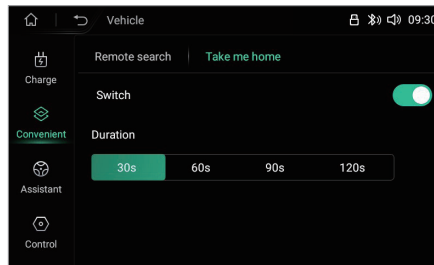
## Convenient

### Remote vehicle locating



The Remote vehicle locating mode can be set to "flashing + honring" or only "flashing", and the duration can be selected from 10s, 20s and 30s.

### Follow Me Home

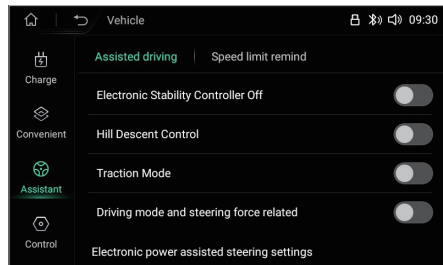


- Turn off the Follow Me Home function.
- Turn on the Follow Me Home function.

Operation method of Follow Me Home: After turning off the vehicle power, operate the light handle to flash the high beam twice continuously. After the vehicle is locked, the headlight will come on for a period of time to provide you with illumination. The lighting duration can be set to 30s, 60s, 90s and 120s.

## Assistance

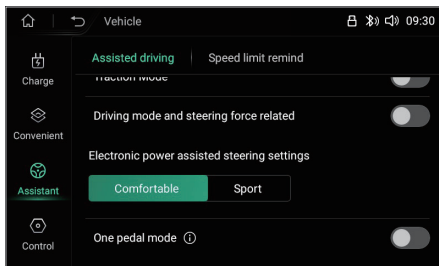
### Drive assistance



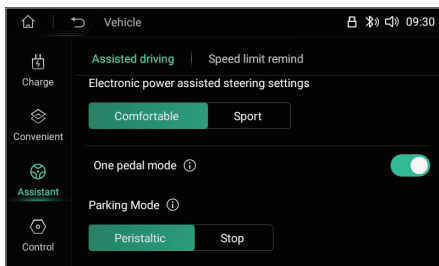
**Electronic stability system:** It helps to improve the driving stability of the vehicle. For example, it helps to reduce the risk of sideslip when accelerating and driving in a curve.

**Hill descent:** It is suitable for going downhill on a deep slope, and the system will automatically control the vehicle speed. However, the driver still needs to concentrate and take active control of the vehicle in an emergency.

**Towing mode:** When the vehicle needs to be dragged, please turn on this function. At this time, the default is "N" gear, and the gear cannot be switched.



The electric power steering can be set to "Comfort" or "Sport". If the "Drive Mode and Steering Wheel Steering Force Association" function is enabled, the electric power steering cannot be set. The power steering will be automatically matched according to the driving mode you choose, the steering effort varies by driving mode.



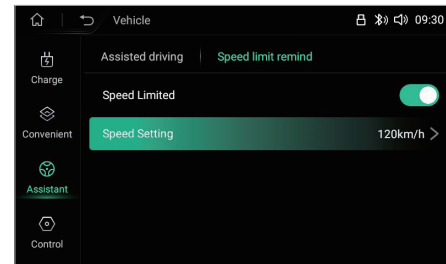
**One pedal mode:** After the function is turned

on, the acceleration and braking of the vehicle can be controlled only by the accelerator pedal. Depress the accelerator pedal to accelerate the vehicle, and release the accelerator pedal to brake the vehicle.

After the one pedal mode is turned on, when the accelerator pedal is fully released, the braking force reaches the maximum, and driving condition without depressing the accelerator pedal can be selected through "parking mode":

- Creeping mode: The vehicle brakes gradually and drives at a slow speed finally.
- Stopping mode: The vehicle brakes gradually until it stops completely.

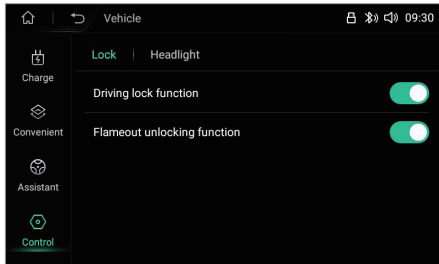
### Speed limit reminder



After the speed limit reminder function is turned on, the speed limit reminder light on the instrument cluster will come on when the vehicle speed reaches the set speed.

## Vehicle control

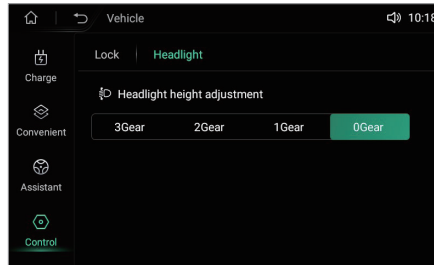
### Lock



Locking when driving: After the function is turned on, the doors will be locked automatically when reaching a certain speed.

Unlocking when stalling: After the function is turned on, the doors will be unlocked automatically when the vehicle stalls.

### Headlamp



Headlamp height adjustment can be divided into 4 levels, with the highest height of "0" and the lowest height of "3".

## Head unit interconnection

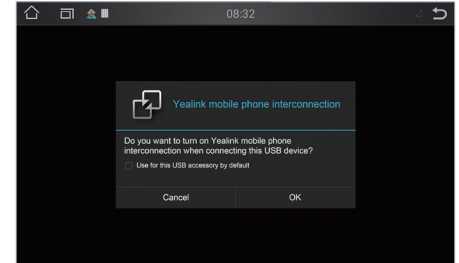
Head unit interconnection can realize functions such as screen projection, reverse control, screen image and system reverse control of mobile phone applications.

### Connection

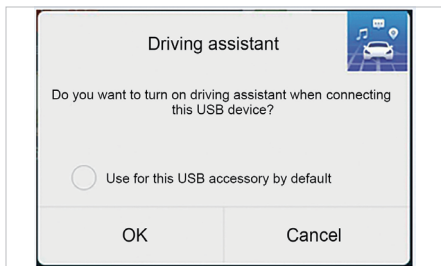
Head unit interconnection is connected via USB, and Yealink mobile APP needs to be installed to mobile phone.

- 1 Each time the mobile phone is connected to the head unit via USB, it will prompt whether to "Turn on Yealink mobile phone interconnection". Select "Use for this USB accessory by default". After that, when the

device is connected to the head unit, it does not need a repeated authorization, the system will turn on head unit interconnection automatically.



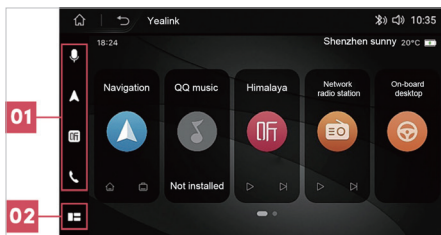
- 2 The accessory authorization box pops out on mobile phone (Popping-out contents differ depending on mobile phone), click "OK" to complete head unit interconnection. Select "Use for this USB accessory by default". For the next connection, head unit interconnection will be completed automatically without prompts.



## Function

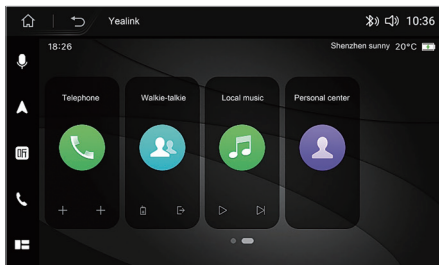
### Home page

Head unit interconnection can realize the function interconnection such as navigation, music, radio, telephone, walkie-talkie etc. and mobile phone screen projection etc.



**01** Shortcut bar: The shortcuts of functions in sequence are "walkie-talkie", "navigation", "Himalaya", "telephone".

**02** Return to the home page. Click this button on other screens to return to the home page of head unit interconnection;

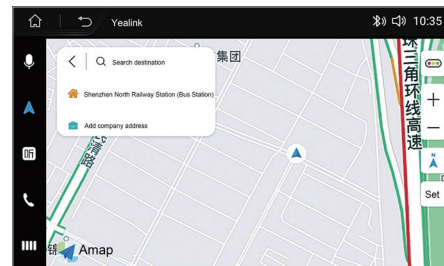


## Hint

If the corresponding APP is not installed on mobile phone, it can't be used even if head unit interconnection supports the function.

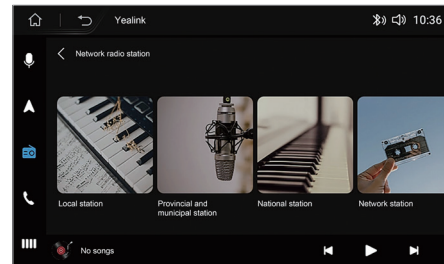
### Navigation

After the mobile phone navigation is turned on, it can be displayed and operated on central control head unit.



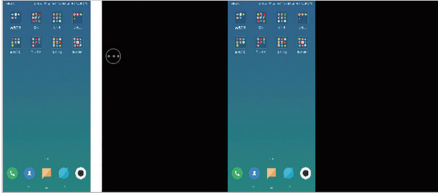
### Station

After the mobile phone radio is turned on, it can be played and operated on central control head unit.



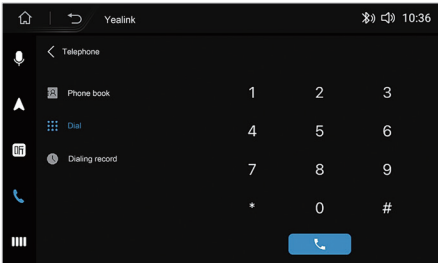
### On-board desktop

On-board desktop can realize screen projection function. After it is turned on, central control head unit screen will display mobile phone screen.



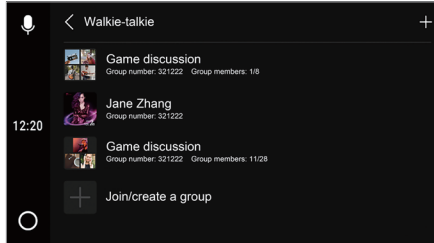
### Telephone

Central control head unit will display the address book of mobile phone synchronously.



### Walkie-talkie

Joining the corresponding group chat can realize real-time talk with the members in the group.



## High voltage system description

### Warning

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- There are two kinds of high voltage (AC and DC) in the high voltage system of vehicle (up to about 400 V). These high voltages are very dangerous and may cause burns, electric shock, even death and other serious injuries.
  - In order to avoid personal injury, do not touch the high voltage wire harness (orange) and its connecting connector.
  - Components with orange labels are high voltage system components, and these components are labeled with high voltage system warning labels, so be sure to observe the requirements on the labels.
  - Non-professional maintenance personnel are prohibited from touching, disassembling or installing any components in the high voltage system at will, such as OBC, electric A/C compressor, drive motor controller and power battery on chassis located in the front compartment.
- 

## Power battery

The vehicle is equipped with a complex high-voltage power battery system. The most important way to protect the power battery is to keep the power battery at 50% ~ 80% and disconnect the negative electrode of 12 V lead-acid low-voltage battery when the vehicle is not used. This is especially important if you plan not to drive for several weeks. When in the power-on mode, the vehicle will wake up automatically when it is necessary to automatically maintain the charging amount that can maximize the battery life.

There is no advantage in waiting for the battery to be low before charging. In fact, the battery works best when charged regularly.

## Long-term storage of power battery

Do not allow the power battery to fully discharge. Even when the vehicle is not running, its battery will discharge very slowly to supply power to the on-board electronic equipment. Under normal circumstances, the vehicle will also generate slight power loss when it is stationary, which is a normal phenomenon. If the vehicle is parked for a long time, it is recommended to charge the vehicle regularly to keep the driving range of the vehicle at 50% ~ 80%.

When the power battery is discharged to 0%, the power battery may be damaged permanently. In order to prevent discharging excessively, driving or parking with low power may cause excessive charging of the power battery and permanent damage to power battery. It is recommended to avoid driving or parking with low power for a long time.

### Caution

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When the power battery is low, 12 V low voltage battery will not be charged and may be discharged completely within 12 hours. When the accident occurs, it may be necessary to jump starting or replace the low-voltage battery before charging. Please contact NETA Auto service station.

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## Driving mileage

You can adopt the same driving habits as when driving a fuel vehicle to maximize the cruising range. The driving mileage depends on the available power, using time, charging and discharging times of the power battery, road conditions, external ambient temperature, driving habits, vehicle loads and other factors. In order that you can fully understand the driving mileage characteristics of pure electric vehicle and obtain the maximum endurance capability, please pay attention to the following items:

- 1 Avoid frequent rapid acceleration or deceleration.
- 2 On the premise of ensuring safe driving, try to use the accelerator pedal to control vehicle speed and reduce the use of the brake pedal. NETA V is equipped with an energy recovery function. When releasing the accelerator pedal, the energy recovery braking will reduce the vehicle speed.
- 3 Remove unnecessary objects from the vehicle to reduce the load.
- 4 When driving at high speed, raise all windows to reduce the driving resistance and power consumption of the vehicle.
- 5 Keep the tire pressure in the normal range.
- 6 Excessive discharge of the power battery will affect the performance the power battery. Therefore, when the power battery low indicator on instrument cluster comes on, please charge it in time.
- 7 The actual driving mileage will decrease with the increase of vehicle age and vehicle driving mileage.
- 8 Turning on A/C for cooling or heating will consume driving mileage. The higher the level, the faster the power consumption of the power battery. Therefore, on the premise of meeting the cooling or heating demand, it is recommended to adjust A/C to the lowest

level and try not to keep it in the high level.

9 When the power battery is low, weak vehicle acceleration or insufficient power may occur, at this time, please charge it as soon as possible.

10 When the vehicle drives at high speed on expressway for a long time, the actual driving mileage will decrease slightly than driving on the normal road.

### Charing temperature limit

Do not continuously expose the vehicle to ambient temperatures above 60°C or below -20°C for more than 24 hours. Otherwise, the vehicle cannot be charged!

#### Warning

For any component of the power battery system, the owner or professional technician who are not authorized by the NETA should not conduct any maintenance. Under no circumstances should the battery be turned on or changed. Be sure to ask NETA Auto city partner to check and repair the power battery.

### Temperature limit

Do not continuously expose the vehicle to ambient temperatures above 60°C or below -30°C for more than 24 hours.

#### Warning

- If the power battery is too low, the vehicle must be charged. Continued use will lead to over-discharge of the power battery, causing irreversible damage. Placing the vehicle in an unpowered state for an extra long period of time may also cause permanent damage to the battery. If you cannot charge the vehicle, please contact NETA Auto service station immediately.
- For any component of the power battery system, the owner or professional technician who are not authorized by the NETA should not conduct any maintenance. Under no circumstances should the battery be turned on or changed. Be sure to contact NETA Auto service station to arrange the power battery for inspection and maintenance.

## Charging operation

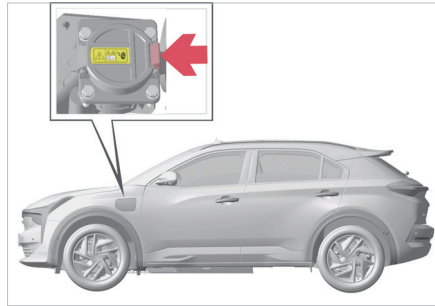
The vehicle is equipped with two charging ports: The quick charging port is located on the front passenger side of the vehicle, and the slow charging port is located on the driver side of the vehicle. Please park the vehicle properly before charging so that the charging cable can reach the charging port.

### Slow charging



Slow charging port

- 1 Unlock the vehicle.
- 2 Press the outer cover plate of the slow charging port to open the slow charging port.

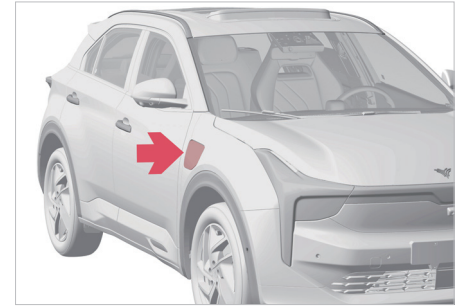


- 3 Turn the buckle of the inner cover plate of the slow charging port to open the inner cover plate of the slow charging port, and insert the AC charging adapter, then connect the on-board charging gun and the adapter to charge.

### Caution

In order to ensure the charging safety, the slow charging port is equipped with an electronic lock, which must be unlocked before the connector is pulled out after charging.

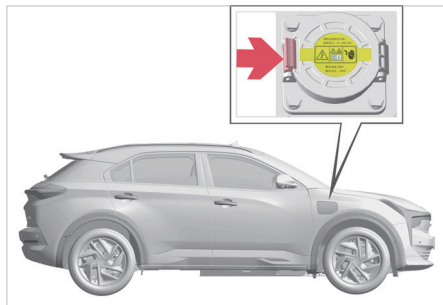
## Quick charging



Quick charging port

- 1 Unlock the vehicle.
- 2 Press the outer cover plate of the quick charging port to open the quick charging port.



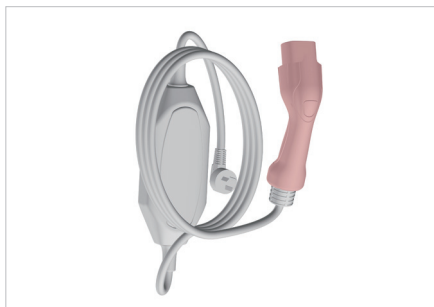


- 3 Turn the buckle of the inner cover plate of the quick charging port to open the inner cover plate of the quick charging port, insert the quick charging gun and start charging according to operation instructions on the charging pile.

### 👁 Caution

- When charging, especially at high current, the electric compressor and cooling fan work as required to ensure the cooling of the battery. Therefore, it is normal to hear sound while charging.
- The electronic lock of the charging gun shall be in a locked state during charging; When charging is suspended or finished, the electronic lock of the charging gun is unlocked.
- During charging, if the electronic lock of the charging gun is required to be unlocked, stop charging first.

### On-board charging gun



The on-board charging gun is placed in the on-board tools box, which is used for slow charging.


### 👁 Caution

When charging with on-board charging cable, a 16 A socket must be used and must be reliably grounded. The socket connection section shall not be less than 4 mm<sup>2</sup>.

### ⚠ Warning

- If the charging gun falls onto the vehicle, the connector of the charging gun may damage the paint.
- Do not forcibly open the charging port cover. This will damage the latch. The damaged latch cannot keep the cover closed.

### Charging gun connection indicator

After the "click" sound is heard when the charging gun is inserted, it indicates that the charging gun is inserted in place, and the charging gun indicator  on the instrument cluster will come on. If the charging gun indicator does not come on, charging cannot be performed. At this time, please pull out and

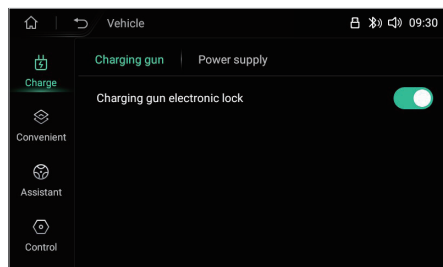
insert the charging gun again for a second attempt, or check if there are foreign matters at the charging port. If the indicator still does not come on after the above operations, please contact NETA Auto city partner for inspection and maintenance.

### Caution

Before inserting the charging gun, please make sure that the charging port is dry and free of foreign matters.

## Stop charging

When the vehicle is fully charged, the charging will stop automatically. When charging, click Unlock Charging Gun on the central control display screen to pull out the charging gun.



Pull out the charging gun:

- 1 Unlock the electronic lock of the charging gun.
- 2 Touch the button on the charging gun.
- 3 Pull the charging gun out of the charging port.
- 4 Close the charging port cover.

### Caution

The locking conditions of the electronic lock of the charging gun (one of the conditions can be met):

- Touch the LOCK button on the central control display screen;
- Press the LOCK button on the smart key;
- The electronic lock of the charging gun is in an unlocked state and the charging gun has not been pulled off for a certain period of time.

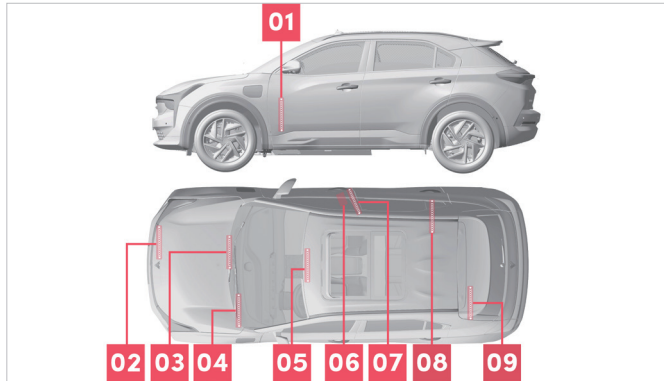
The unlocking conditions of the electronic lock of the charging gun (one of the conditions can be met):

- Charging end;
- Press the UNLOCK button on the smart key;
- Touch the UNLOCK button on the central control display screen.

### Caution

Charging time is related to many factors, such as current power, charging mode, ambient temperature, battery temperature and charging equipment power, which will affect the charging speed.

## Vehicle identification number



There are 9 searchable vehicle identification numbers (VIN), and their positions are shown in the figure:

**01** VIN of left front door inner panel: It is stuck to the left front door sheet metal and is visible when removing the left front door inner trim panel.

**02** VIN of front compartment cover inner panel: It is stuck to the front right part of the front compartment cover inner panel near the lock catch, and is visible when opening the front compartment cover.

**03** VIN engraved on the deflector channel: VIN is engraved on the middle right of the deflector channel, and is visible when opening the front compartment cover. For some models, the front compartment cover trim panel is required to be removed.

**04** VIN below the left of the front windshield: It is stuck to the lower left corner of the front windshield and is visible through the front windshield.

**05** VIN in the middle of the front top crossmember: It is stuck to the middle of the front top crossmember and is visible when removing the headlining.

**06** Vehicle nameplate VIN: On the vehicle nameplate at the lower part of the right side wall B-pillar.

**07** VIN of B-pillar inner panel: It is stuck to the sheet metal at the inner lower part of the right B-pillar and is visible when removing the lower trim panel of the left B-pillar.

**08** VIN below the rear right seat: It is stuck to the lower part of the rear right seat and is visible when removing the rear seat cushion.

**09** VIN of tailgate inner panel: It is stuck to the upper left corner of the tailgate and is visible when opening the tailgate.

 Caution

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In order to protect the engraved VIN in design and manufacture, NETA applies the process of repainting.

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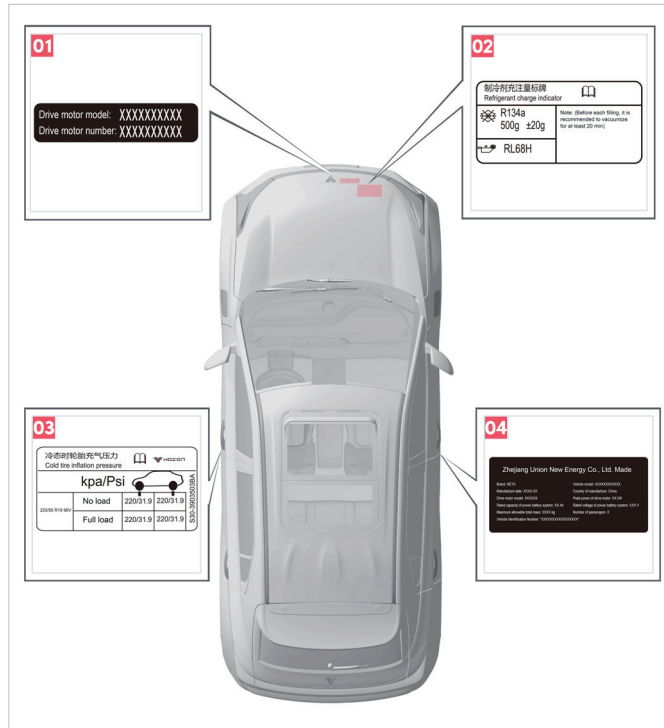
 Hint

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The vehicle identification number (VIN) in the vehicle controller can be read through the vehicle information option in vehicle-specific diagnostic instrument or universal diagnostic equipment available on the market.

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## Vehicle label



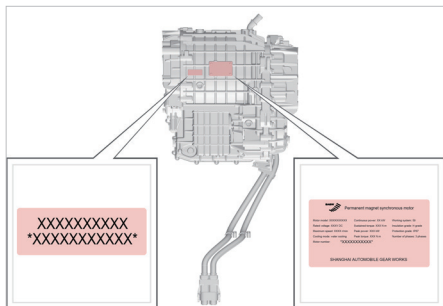
**01** Type and number label of drive motor: It is stuck to the right front of the front compartment cover, close to the front compartment cover lock catch, indicating that the information includes the type and number of the drive motor.

**02** Refrigerant filling label: It is stuck to the right side of the crossmember of the front radiator, indicating that the information includes refrigerant type, filling amount and refrigerant oil type.

**03** Tire inflation pressure label: It is stuck to the lower part of the left side wall B-pillar, indicating that the information includes tire size, no-load pressure standard value and full-load pressure standard value.

**04** Vehicle nameplate: It is stuck on the lower part of the right side wall B-pillar, indicating that the information includes VIN, vehicle model, peak power of the drive motor, drive motor model, vehicle brand, maximum allowable total mass, number of passengers, rated voltage of the power battery system, manufacturing country, rated capacity of the power battery system and date of manufacture.

## Nameplates of drive motor and reducer



The drive motor nameplate is stuck to the right as shown in the figure.

The drive motor model rubbing mark is located on the left side of the drive motor shown in the figure.



In order to facilitate you to check the information of the drive motor, NETA Auto has also set up the type and number label of the drive motor at the right front of the front compartment cover near the lock catch (the front compartment cover needs to be opened).

## OBD diagnostic interface



The OBD interface for reading the electronic VIN code is located at the bottom left of the instrument panel. The vehicle identification number (VIN) in the vehicle controller can be read through the vehicle information option in vehicle-specific diagnostic instrument or universal diagnostic equipment available on the market.

## Tire

### Safety

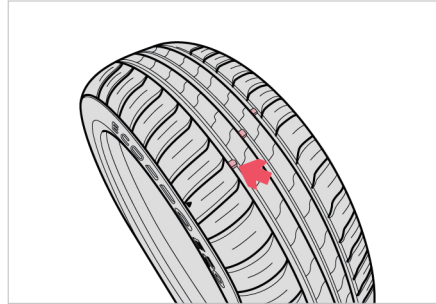
Observe the prescribed tire pressure when driving under heavy loads and at high speeds. Insufficient tire pressure will reduce stability, increase rolling resistance and accelerate tire wear, which is likely to cause accident.

### Drive

Before getting on the steps, the driver should visually inspect the height of the steps to ensure that the front bumper and chassis will not be scraped, and no sharp objects will damage the tires; Drive slowly and climb the steps.

### Maintenance

Check the tire surface for cuts, foreign matters and uneven wear regularly. Uneven tire wear may be due to incorrect tire alignment.



The wear depth of the tire is limited. When the wear reaches the limit, a wear band will appear on the tread, indicating that the performance and safety of the tire are greatly reduced at this time and must be replaced.

### Caution

Dispose of worn tires in accordance with local environmental regulations.

### Hint

Rotate the tire regularly. It is recommended to drive 10,000 km and rotate four tires once (the best adjustment mileage is 5,000-7,000 km), i.e. rotate the left front and right rear, right front and left rear. After replacing or rotating tires, be sure to contact NETA Auto service station to study tire pressure again.

### Replace tires

Tires provide the best vehicle control, comfort and safety for driving the vehicle. If you need to change the types of tires and rims, you must consult NETA Auto service station and follow the relevant instructions, so as to avoid safety accidents and NETA will not assume any responsibility.

If there is no special reason, be sure to install the original tire and rim.

## Warning

- The speedometer is affected by the tire size used. If the tire size (diameter) is different from the original one, the correct speed cannot be displayed. And safety accidents may be caused, such accident losses are not covered by the warranty.
- The four tires must have the same size and model, roughly the same degree of newness.
- After the tire bursts or leaks, the non-full-size spare tire can be used for emergency driving. The vehicle speed is forbidden to exceed 80 km/h, and the original tire should be replaced as soon as possible.

## Remove wheel

The following precautions must be observed:

- Park your vehicle in the appropriate area, please make sure that when replacing tires, traffic will not be affected or your safety will not be endangered.
- Turn off the ENGINE START STOP switch.
- No passenger (including driver) should stay in the vehicle.
- Please ensure that the vehicle is on a stable and horizontal ground.
- Ensure that the front wheel points straight ahead.

- For vehicles with wheel trim cover, remove the wheel trim cover.
- Use special tool to crossly loosen the wheel nuts.
- Place the jack to ensure that the whole base is located on a solid ground.
- The jack must be vertically jacked to the jacking point.
- Jack up the vehicle until the wheel leave the ground.
- Remove the wheel nuts and the wheel.

## Install wheel

- 1 Install the wheel on the wheel hub and screw the wheel nuts clockwise.
- 2 Lower the vehicle and remove the jack.



- 3 Fully tighten the wheel nuts in diagonal tightening mode (with the tightening torque of  $110 \pm 10 \text{ N}\cdot\text{m}$ ).

- 4 Press the wheel trim cover carefully.
- 5 Store the jack and the replaced wheel in reverse order.
- 6 Send it to NETA Auto service station as far as possible to check the tightening torque of wheel nuts and tire pressure.

## Tire chains

Before purchasing the tire chains and installing them on the wheels, you should consult with NETA Auto service station.

When using, please pay attention to the following requirements:

- The tire chains can only be installed on the front wheels.
- The thickness of the tire chains should not exceed 10 mm.
- The vehicle speed should not exceed 50 km/h.
- In order to minimize the wear of tires and tire chains, avoid to install tire chains when driving on roads without ice and snow.
- Installation instructions of the tire chain manufacturer should be followed.



 **Caution**

When driving on roads without ice and snow, the tire chains must be removed. Otherwise, the handling of the vehicle is affected, tires are damaged and wear is accelerated.

 **Warning**

Improper size tire chains and/or incorrect installation may damage the vehicle body, chassis components and wheels. Ignoring the regulation may lead to traffic accidents and personal injury.

## Front compartment cover

### Safe operation in front compartment

When the power system is in the starting state, it is strictly prohibited to work in the front compartment! Be extremely careful when working in the front compartment or on the motor!

NETA Auto service station should carry out the relevant safe operation in the front compartment. Coolant, low voltage battery and other vehicle oil and consumables are continuously developing. NETA Auto service station has mastered the latest development trend of vehicle oil and consumables. Thus, it is better for NETA Auto service station to replace oil and consumables.

 **Caution**

The following items must be observed before working in the front compartment:

- Set the vehicle power mode to "OFF" position and disable charging.
- Switch the gearshift switch to "P" gear.
- Pull the parking brake switch.
- Keep children away from the vehicle.
- Open the front compartment cover. Do not work in the front compartment if you do not understand the operation process and do not have necessary tools/equipment!

### Warning

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- The front compartment of the vehicle is a high-risk area, so be ware of casualties!
  - Be sure to follow safe operating procedures and do not take risks.
  - All operations such as inspection and oil addition in the front compartment may cause injuries to operators and even fire!
  - Personnel who are not familiar with the operation process, have no experience in using tools and do not understand the safety operation regulations are not allowed to work in the front compartment! Otherwise, casualties will easily be caused! If you are not sure, it must be handled by NETA Auto service station.
  - Before operation, set the vehicle power mode to "OFF" position and disable charging.
  - Apply the parking brake, switch the gearshift switch to "P" gear.
  - Keep children away from the vehicle.
- 

### Warning

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- Electrical system voltage and power battery voltage in high voltage system are fatal! Do not touch high-voltage electrical components, high-voltage cables or power battery with warning signs, so as to avoid fatal electric shock!
  - Do not attempt to carry out any maintenance operations on electrical components, orange high-voltage cables or power battery of high voltage system without professional qualifications. Any operation for the high voltage system can only be carried out by professional technicians certified by NETA Auto according to the specifications.
  - Do not damage or remove the orange high-voltage cables or disengage it from the high voltage system.
  - Any operation for the high voltage system or power battery should comply with the specifications of NETA Auto service station.
  - The front compartment is a high-risk area!
  - Do not touch the motor components in hot state to avoid scalding!
- 

### Warning

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- Pay attention to avoid short circuit of electrical system, especially short circuit of low voltage battery, and beware of explosion of low voltage battery!
  - Do not touch the radiator fan. Because the fan is controlled by temperature, it may suddenly start even after the power system is turned off.
  - Be careful not to leave cleaning cloth or tools in the front compartment.
  - If working under the vehicle, be more careful! Appropriate measures should be taken to prevent the vehicle from moving or support the vehicle with appropriate supports, so as to avoid injury to the operators under the vehicle.
-

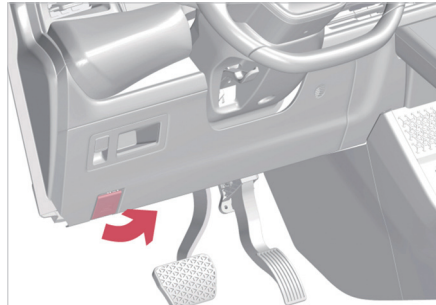
## Caution

Do not fill the incorrect oil when replacing and filling oil. Oil with the correct variety and specification must be filled according to the system function. Otherwise, it will inevitably lead to functional fault and damage the system!

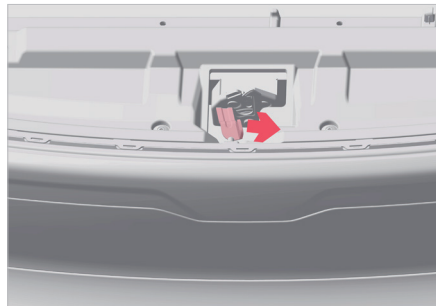
## Hint

Vehicle oil is harmful to the environment! Thus, the bottom of the vehicle and the ground under the vehicle should be checked regularly for oil traces and other liquid stains. If oil traces and other liquid stains are found, you should check the vehicle at NETA Auto service station as soon as possible.

## Open front compartment cover



Park the vehicle, apply the parking brake, and pull the front compartment cover opening handle from the driver foot trim panel. At this point, the front compartment cover main lock opens and the front compartment cover will bounce up slightly.



Lift the front compartment cover gently, turn the secondary lock opening handle to the right with your fingers, release the locking hook to lift the front compartment cover upward, lift it to the appropriate position, pull the front compartment cover strut out of the strut fixing buckle, fix one end of the strut to the position of the opening in the inner plate of the front compartment cover, and the front compartment cover can be opened.

## Close front compartment cover

Lift the front compartment cover slightly upward, remove the strut and secure it in the strut fixing buckle.

Lower the front compartment cover to a suitable height from the locking position, let the front compartment cover fall and buckle naturally, and press the front edge of the front compartment cover evenly with both hands to ensure locking in place.

After closing the front compartment cover, verify that it is completely locked by trying to lift the front edge of the front compartment cover. Otherwise, the front compartment cover must be reopened and tightly closed again.

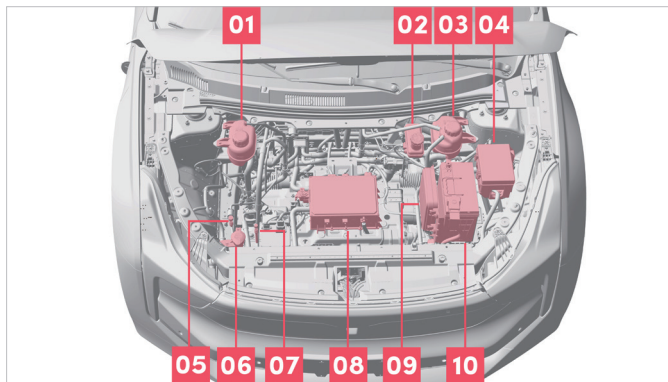
### Warning

If the front compartment cover is not tightly closed, it may suddenly open when the vehicle is driving, which easily leads to an accident!

- After closing the front compartment cover, check whether it is really tightly closed.
- When closing the front compartment cover, attention must be paid that no one is in the area of the front compartment cover.
- If it is found that the front compartment cover is not tightly closed while driving, you must stop immediately and close the front compartment cover to prevent accidents.

- |  |   |
|--|---|
| <b>01</b> Power battery coolant expansion tank | <b>06</b> Windshield glass washer fluid reservoir         |
| <b>02</b> Brake fluid reservoir                | <b>07</b> A/C low-pressure pipeline interface             |
| <b>03</b> Motor coolant expansion tank         | <b>08</b> On-board charger                                |
| <b>04</b> Front compartment relay and fuse box | <b>09</b> Low voltage battery relay and fuse box positive |
| <b>05</b> A/C high-pressure pipeline interface | <b>10</b> Low voltage battery                             |

### Front compartment arrangement



## Brake fluid

### Brake fluid function

Brake fluid is the medium that transmits power in the vehicle hydraulic braking system.

During use, the fluid level in the brake fluid reservoir may drop slightly due to the wear of the brake friction pad. If such a situation is found, it can be decided whether to add brake fluid or not according to the brake fluid level.


If the brake pedal stroke unexpectedly lengthens or the brake fluid level drops significantly, please contact NETA Auto service station immediately for inspection. Do not continue driving the vehicle if the brake fluid level is below the minimum mark for the reservoir.

### Warning

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- The brake fluid must be replaced according to the period specified in the Maintenance Information Form. Otherwise, the brake system may fail and cause serious accidents.
  - Be careful not to spill brake fluid on the high temperature motor, otherwise a fire may occur.
  - Avoid skin or eyes contact with brake fluid. In case of contact carelessly, please rinse with a large amount of clear water immediately.
  - Brake fluid is corrosive, please keep the container sealed and placed out of reach of children. In case of accidental swallowing of brake fluid, please seek medical treatment immediately.
- 

## Brake system fault warning lamp (red)

If the brake system fault warning lamp  turns on during driving, it may indicate that brake fluid is missing or there is a brake system fault.

### Warning

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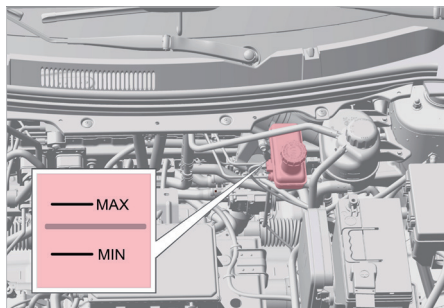
If the warning lamp turns on while driving:

- Stop immediately under the conditions of ensuring safety.
  - Do not depress the brake pedal repeatedly. Contact NETA Auto service station immediately.
- 

## Check brake fluid level

Check brake fluid level at the period specified in the Maintenance Information Form.

Before checking the brake fluid, the front compartment trim panel must be removed to see the brake fluid reservoir.



Park the vehicle on a smooth road surface and check the brake fluid. "MAX": It is the upper limit mark for brake fluid. "MIN": It is the lower limit mark for brake fluid.

The brake fluid level should be located between the upper limit mark and the lower limit mark. If the fluid level is below the lower limit mark, the brake fluid must be added.

Before opening the front compartment cover, read and observe the relevant warning instructions carefully.

During the use of vehicle, the brake fluid level will drop slightly due to the wear and automatic adjustment of the brake friction pad. This is a normal phenomenon and there is no need to worry.

### Warning

- Before opening the front compartment cover, read and observe the relevant warning instructions carefully.
- If the brake system warning lamp does not turn off or turns on during driving, the brake fluid level in the brake fluid reservoir may be too low. In order to avoid causing accidents, in this case, you must stop immediately, do not continue driving, and contact NETA Auto service station for inspection and maintenance as soon as possible.

### Caution

If the fluid level drops obviously in a short period of time, it indicates that there may be leakage in the brake system. In this case, you must stop the vehicle immediately, do not continue driving, and contact NETA Auto service station as soon as possible to thoroughly inspect the brake system.

### Select brake fluid

Brake fluid must be replaced according to the period specified in Maintenance Information Form. Only by maintaining and replacing brake fluid according to regulations can driving safety be ensured.

### Hint

- Brake fluid model: DOT4.
- Refer to the chapter on fluid filling for the amount of brake fluid filling.

### Brake fluid replacement

The brake fluid used in the vehicle is specially developed for the brake system of NETA Auto. In order to ensure the normal operation of the brake system, it is recommended that NETA Auto service station replace the brake fluid that meets the standard.

Brake fluid is absorbent and will absorb moisture in the surrounding air. If the water content of the brake fluid is too high, the brake system will be corroded and the boiling point of the brake fluid will be greatly reduced, resulting in a decrease in braking effect. Thus, the brake fluid must be replaced according to the period specified in the Maintenance Information Form.

### Hint

Waste brake fluid must be collected and disposed of in accordance with environmental protection regulations.

### Caution

- The brake fluid must be replaced according to the period specified in the Maintenance Information Form.
- Brake fluid has corrosive effect on the paint surface of the vehicle body, and the brake fluid splashed on the paint surface should be removed in time.

### Warning

Use of waste brake fluid or brake fluid that is not suitable for the vehicle will greatly reduce the braking effect and even lead to brake system failure.

- Brake fluid packaging containers are marked with brake fluid specifications, and brake fluid that meets the specifications must be used.
- Brake fluid is a toxic substance.
- Do not put brake fluid in food containers or other non-original containers to avoid confusion and poisoning. Brake fluid must be packed in the original sealed container, and the container must be placed in a safe place to prevent children from contacting and causing poisoning accidents.
- Brake fluid must be replaced according to the period specified in the Maintenance Information Form. If the brake fluid stays in the system for too long, air resistance is generated in the system pipeline during braking, which will reduce the braking effect and driving safety, and may even lead to complete failure of the brake system, thus causing accident.

## Coolant

### Role of coolant

Proper use of coolant can play a role in corrosion prevention, scale prevention and freezing prevention. It can make the cooling system always in the best working state and ensure the normal working temperature of the drive motor.

If the anti-freezing ability of the coolant needs to be improved in severe cold season, it is recommended to contact NETA Auto service station to replace it with the coolant suitable for the lowest local temperature.

The coolant is divided into two types: Drive motor coolant and power battery coolant.

### Hint

Waste coolant must be collected and disposed of in accordance with environmental protection regulations.

## Caution

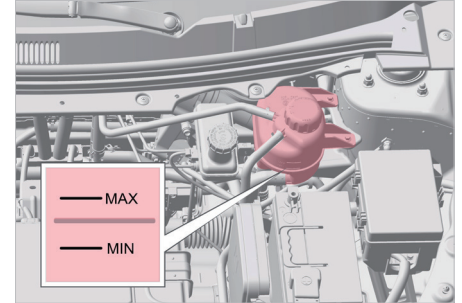
- The coolant should not be mixed with any other coolant not approved by NETA, otherwise it may seriously damage the drive motor and the cooling system.
- If the coolant in the coolant expansion tank fades and no coolant of other colors is mixed in, the coolant should be replaced regularly as required. If other coolant is mixed in, the coolant must be replaced as soon as possible.

## Warning

- The coolant must be contained in a closed container and out of the reach of children.
- Do not put coolant in food containers or other non-original containers to avoid confusion and poisoning. Discharged waste coolant should also be treated according to the requirements.
- In severe cold weather conditions, in order to ensure the anti-freezing ability of the coolant, the appropriate coolant should be replaced according to the ambient temperature, otherwise the coolant may freeze and cause damage to the vehicle.

## Inspect and fill drive motor coolant

Ensure that the coolant cools down before inspecting the coolant level.



After the drive motor coolant cools down, inspect the coolant level. "MAX": Upper coolant limit mark. MIN: Lower coolant limit mark.

The coolant level should be located between the upper limit mark and the lower limit mark. If the liquid level is low, coolant must be filled.



## 👁 Caution

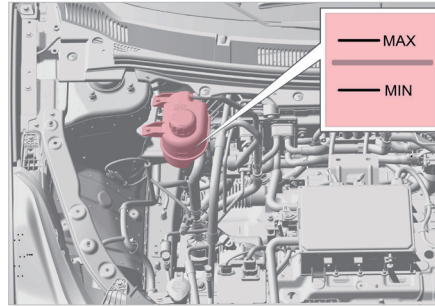
The coolant expansion tank is located in the motor compartment. When the cooling system is measured in a cooled state, the height of the coolant in the tank should be kept between the two marked lines. The cooling system is closed, so normal coolant loss is very small. A significant decrease in coolant height means that the cooling system has leaked. In case of this situation, the cooling system should be inspected at NETA Auto service station as soon as possible.

## ⚠ Warning

Extreme caution must be exercised when working in the front compartment.

- Make sure to read and observe the relevant warning instructions carefully before the operation.
- If the drive motor reaches a warm or hot state and the cooling system is in a high temperature and high pressure state, the expansion tank cover must not be unscrewed to prevent scalding by high temperature steam.

## Inspect coolant level of power battery and fill



- If the power battery is in a hot state, set the vehicle power mode in "OFF" position and wait for it to cool down.
- To prevent scalding, wrap the expansion tank cover with a thick cloth, and then slowly unscrew the expansion tank cover.
- New coolant must be filled.
- After filling, the coolant level must be within the marked range and at least above the "MIN" mark.
- Fit and tighten the expansion tank cover.

## 💡 Hint

It is recommended to choose the coolant of  $-40^{\circ}\text{C}$  specified by NETA Auto. Coolant that meets the specification should be used all year round regardless of whether antifreeze is required.

## ⚠ Warning

Extreme caution must be exercised when working in the front compartment.

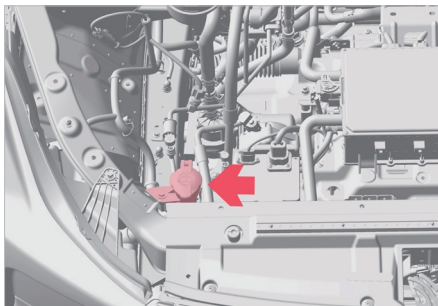
- Make sure to read and observe the relevant warning instructions carefully before the operation.
- If the power battery reaches a warm or hot state and the cooling system is in a high temperature and high pressure state, the expansion tank cover must not be unscrewed to prevent scalding by high temperature steam.

## 👁 Caution

- When the power battery is in hot state, the coolant level may be close to or slightly higher than the "MAX" level, which is a normal phenomenon.
- It is recommended to fill the coolant when the power battery is in cold state, but the coolant level shall not exceed the "MAX" level, otherwise excessive coolant will overflow when the power battery reaches the hot state.
- In case of large loss of coolant, the cold coolant must be filled after the power battery cools down, otherwise the power battery may be damaged.

## Windshield washer fluid and wiper blades

### Filling windshield washer fluid



The windshield washer fluid is provided from the reservoir in front compartment. If the washer fluid level is low, fill reservoir with washer fluid in time.

## ⓘ Hint

- It is recommended to use the windshield washer fluid specified by NETA Auto (washer fluid with freezing point below -35°C).
- For filling amount of windshield washer fluid, please refer to Fluid Filling section.

## 👁 Caution

- Do not use antifreeze or vinegar/ aqueous solution in the reservoir, as antifreeze will damage the paint surface and vinegar will damage the windshield washer pump.
- Overflow of windshield washer fluid may cause fading of body parts. Avoid overflow, especially when using unwatered and high-concentration washer fluid. In case of overflow, clean the contaminated surface with water immediately.

## Wiper blade maintenance

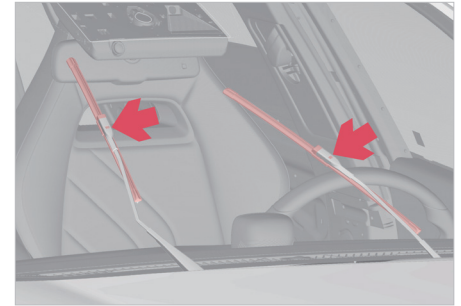
- 1 Never use wiper blades on dry windshields, otherwise the glass will be scratched and permanent damage will be caused to the wiper blades.

- 2 When air-dried soil, insects, adhesions and other solid particles are adhered to the windshield glass, wet dishcloth shall be used to wipe it clean in time. Do not use dry dishcloth or use wiper blade directly, otherwise the glass and wiper blade will be damaged.
- 3 After washing the vehicle using the automatic vehicle washing device, rinse the windshield and wiper blade with purified water to remove the residual wax layer.
- 4 When washing the vehicle, do not use the high-pressure water gun to spray the blade directly, which will cause deformation of the blade.
- 5 Do not clean windshield with fuel, nail polish remover, paint thinner or similar liquids, which will damage wiper blades.
- 6 In order to prevent deformation of wiper blades, glass cleaning agent shall be regularly used to clean wiper blades, and it is recommended to clean wiper blades once a week.
- 7 For safety, it is recommended to replace the wiper blade once or twice a year, and the wiper blade can be purchased from NETA service station.

### Specification for using wipers

- 1 In cold seasons, it is necessary to check whether the wiper blade is frozen on the windshield before using the wiper. If frozen on the front windshield, it must be thawed before using. Otherwise, the wiper motor and wiper blade will be damaged. For thawing methods, please use A/C heating and ventilation devices to heat it, however, the wiper blades cannot be directly washed with hot water, which may cause windshield burst or wiper blades to deform.
- 2 In case of any snow, leaves, branches and other sundries on the windshield, the wiper shall be operated after removing the sundries.
- 3 Washer fluid needs to be filled as required.
- 4 Do not swing the wiper arm firmly, which may damage the wiper.

### Windshield wiper blade replacement



- 1 Adjust the wiper switch to the maintenance mode: Set the power mode to "OFF", and rotate the front wiper switch to any position;
- 2 Lift the wiper blade from the windshield, press the lock button, and separate wiper blade from wiper arm joint along the direction of wiper blade;
- 3 The wiper blade assembly can be installed in the reverse order of removal. Do not energize the vehicle until the installation of new wiper blade is completed. Before putting the wiper assembly back onto the windshield, check whether the wiper blades are firmly fixed again;

- After completing the replacement, set the vehicle power mode to "ON" or "START" and adjust the wiper switch to "OFF".

 **Caution**

- When removing the wiper blade assembly, take extra care to prevent the wiper arm from falling off suddenly and damaging the windshield.
- In the process of replacing the wiper blade, protect the U-shaped joint of the wiper arm. When removing the wiper blade, wrap it with soft cloth to avoid scratching the glass.






 **Warning**


During driving, all window glasses shall be maintained with a good view:

- Clean wiper blades and all window glasses on a regular basis.
- Wiper blades should be replaced once or twice a year.
- Please try to avoid wiper blades drying windshield glass so as not to cause rubber strip aging, abrasion and window fuzzing, thus affecting driving safety.

## Low voltage battery

### Warning symbols and instructions for operation of low voltage battery

	1 Open flames, sparks, uncovered lights and smoking are prohibited in the workplace!
	2 Goggles must be worn when operating!
	3 Children must stay away from electrolyte and low voltage battery of vehicle!
	4 Low voltage battery electrolyte is a highly corrosive substance. Protective gloves and goggles must be worn during operation!
	5 Be sure to read the operating instructions of the low voltage battery carefully before starting the operation!

	6 Low voltage battery will produce explosive mixed gas when charging!
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Do not perform any work on the vehicle electrical system if you are not familiar with the operation process or do not have necessary tools. If you are not sure, relevant operation must be carried out by NETA Auto service station.

**⚠ Warning**

Hazards of injury, corrosion, accident and fire may occur in the operation of the vehicle's low voltage battery and electrical!

- Do not let acid or lead particles fall into eyes, skin or clothes.
- Acid in the low voltage battery is highly corrosive, be sure to wear protective gloves and glasses during operation. Do not tilt the low voltage battery, otherwise the acid may overflow from the vent. If acid splashes into eyes, rinse with clear water for a few minutes immediately, and then seek medical treatment immediately.
- It is forbidden to remove and install the low voltage battery without permission. Because in some cases, the operation will cause serious damage to the low voltage battery, fuses and electrical components. If operation is required, please contact NETA Auto service station.
- The low voltage battery will produce flammable and explosive mixed gas when charging. Thus, the low voltage battery should be placed in a well-ventilated place when charging.

**Low voltage battery charging and low voltage battery replacement**

Low voltage battery cannot be operated unless you have the necessary professional knowledge.

If the vehicle is frequently driven short trips or parked for a long time, the number of checks on the low voltage battery shall be increased between the specified maintenance periods.

If the low voltage battery is damaged, the low voltage battery may be weak, resulting in difficulty in starting the vehicle. In case of this situation, it is recommended to charge or replace the low voltage battery at NETA Auto service station.

**👁 Caution**

Only electrical equipment that meets the national electromagnetic compatibility standard and is approved by NETA Auto service station can be used.

If the low voltage battery is used for a long time, the charging efficiency may not be maintained in the new state. If the vehicle is parked for a long time, or frequently driven short trips, or runs in a cold environment, the low voltage battery needs to be charged on a regular basis.

Only replace low voltage battery with same type and specification as original. Other low voltage batteries may have different sizes or different terminal positions, which may lead to damage, electrolyte leakage or fire of the low voltage battery.

When replacing the low voltage battery, ensure that the low voltage battery is installed properly. Ensure that the low voltage battery and the pressure plate are properly secured to prevent the low voltage battery from moving during accident or emergency braking.

The original low voltage battery of the vehicle can meet the requirements of vehicle maintenance, vehicle performance and safety. Read and follow the relevant safety warning instructions for low voltage battery operation carefully before starting the operation.

## Maintenance information

The first maintenance shall be performed when vehicle is driven for 1 year/10,000 km (whichever comes first), and shall be provided free of charge by NETA Auto.

After the first maintenance, maintenance shall be carried out once every other year/10,000 km (whichever comes first).

### Maintenance period list

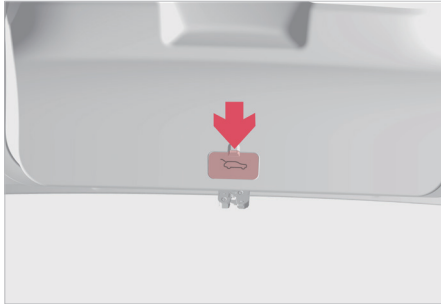
Maintenance interval	Number of years or accumulated mileage (km), whichever comes first									
	Year	1	2	3	4	5	6	7	8	To be continued similarly
Maintenance items	Mileage (km)	10000	20000	30000	40000	50000	60000	70000	80000	
Transmission fluid replacement			√		√		√		√	
A/C filter replacement	√	√	√	√	√	√	√	√	√	√
Antifreeze replacement					√				√	
Brake fluid replacement					√				√	
Battery coolant replacement*			√		√		√		√	
Safety check	√	√	√	√	√	√	√	√	√	√

Note: 1. "√" represents the implementation of the item.

2. Please refer to "Warranty and Maintenance Manual" for detailed maintenance items.

## Emergency measures

### Emergency opening of tailgate

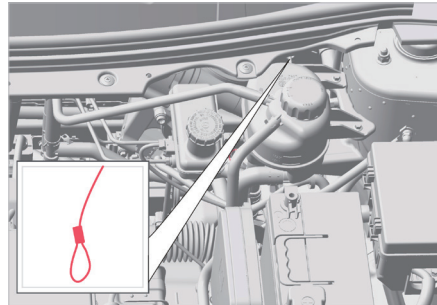


When the tailgate cannot be opened from the outside, it needs to be opened in another way, lay down the rear seat, remove the emergency unlocking cover from inner side of tailgate, and then pull the emergency handle to open the tailgate.

#### ⚠ Hint

The emergency handle of the vehicle equipped with electric tailgate is yellow, while the emergency handle of vehicle with other configuration is white.

### Unlocking slow charging gun



When the charging system fails and the central control display screen cannot be used to unlock the charging gun, the emergency pull rope equipped on vehicle can help driver unlock the charging gun in an emergency. The position of emergency unlocking pull rope is shown in the above figure, pull the emergency unlocking pull rope to unlock the charging gun. Different vehicles have different positions of pull ropes, please refer to the actual vehicle.

### Collision-activated unlocking

With vehicle power mode in "ON" or "START", when the collision sensor receives a collision signal, the collision-activated unlocking function is activated, and the body control module automatically unlocks twice with 3 second intervals, all turn signal lamps are activated and flashing at the same frequency as the hazard

warning lamp.

Collision-activated unlocking recovery

After triggering the collision function, 10 times of lock motor protection within 8s will be canceled and unlocked all the time. Vehicle power mode cycle "ON"-> "OFF"-> "ON" resumes the lock motor protection function.

### Collision safety

Collision safety function refers to the active safety protection measures taken when the vehicle is involved in a collision, including high-voltage cut-off and collision-activated active discharge.

Collision-activated high-voltage cut-off

If the vehicle is involved in a serious collision accident, the airbag is activated and the vehicle will automatically cut off the high-voltage system to ensure the safety of driver.

Collision-activated active discharge

If the vehicle is involved in a serious collision accident, the drive motor controller receives the collision signal and controls the drive motor to stop running and drive motor controller starts active discharge.

## Call for help

If the vehicle is trapped in sand, snow and mud, please keep in mind the following procedures:

- 1 Turn off body dynamic stability control (ESC).
- 2 Ensure that there are no obstacles in the front and rear areas of the vehicle.
- 3 Turn the steering wheel left and right to clear the area around the front tire.
- 4 Use D gear or R gear to slowly shake the vehicle back and forth.
- 5 If vehicle remains trapped after several attempts, please contact NETA Auto service station and wait for rescue.

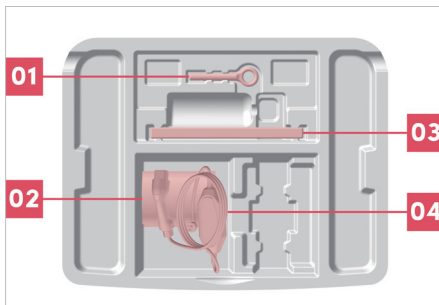
### Hint

When road rescue is needed, you can call NETA Auto official road rescue and dial through the road rescue on the central control display screen. You can also contact NETA Auto service station for help.

### Caution

- Only connect the rescue device to the vehicle's main structure or towing hook.
- Be sure to pull the rescue device directly from front or rear of the vehicle. Never pull the device at an oblique angle.
- Do not allow the tire to rotate at high speed. Otherwise, it may lead to tire burst, resulting in serious injury.

### On-board tools



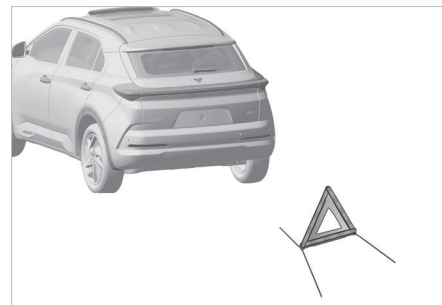
- 01 Towing hook
- 02 Warning triangle
- 03 Reflective vest
- 04 On-board charging gun

### Hint

The vehicles are equipped with emergency tire repairing fluid.

## Parking of accident vehicle

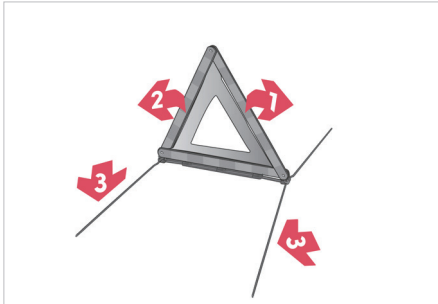
### Temporary parking on the road






The warning triangle is placed in the on-board tools box in the trunk. In case of any fault on the expressway, the warning triangle shall be set 150 m away from the direction of the faulty vehicle; In case of any fault on the road, the warning triangle shall be set 50~100 m behind the vehicle.



## Use of warning triangle

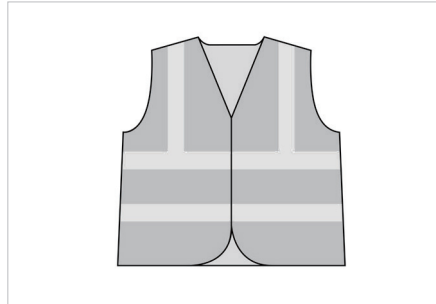


When in use, pull and open the two flanges  and  of the warning triangle and fasten the locking opening at the upper end. Pull and open the four brackets  at the bottom, place the brackets on the ground behind the vehicle, and make the reflective surface of warning triangle face rearward.

### Caution

Please use the warning triangle as specified. Place the warning triangle in the appropriate position, facing the oncoming vehicle.

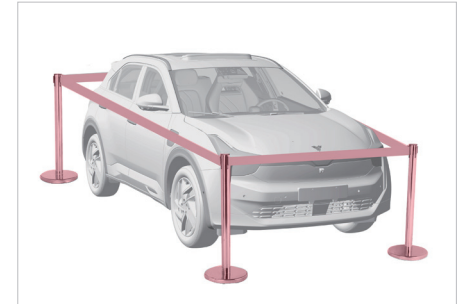
## Reflective vest



The reflective vest is placed in the on-board tools box in the trunk. If vehicle encounters an unexpected failure and stops for inspection and repair or is involved in an accident, take out the reflective vest from the on-board tools box in the trunk, open the packaging bag, and wear the reflective vest with reflective strips facing outward. Use the reflective performance of the reflective vest to remind other vehicles to avoid secondary accidents.

## Parking on the ground

When the accident vehicle is transported to a safe position, it is also necessary to focus on the surrounding environment where the vehicle is placed to avoid a secondary accident.



- 1 Park the vehicle in a ventilated position where there are no inflammable and explosive articles around, pull up a warning line of more than 20 m around the vehicle and place a High Voltage warning sign.
- 2 Drain coolant and reducer oil completely.
- 3 Disconnect negative cable from low voltage battery and, if necessary, unplug the MSD of the battery system.

## Caution

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If the accident vehicle is a vehicle driving in water, the accumulated water in the vehicle needs to be cleared before storing the accident vehicle to prevent corrosion of the vehicle and electrical components.

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## Towing

In order to ensure correct towing and prevent accidental damage to the vehicle, it is recommended that maintenance operators tow the vehicle. It is recommended that the maintenance operators read the following precautions carefully:

- 1 Set the vehicle to towing mode.
- 2 When towing the vehicle, do not take the remote control key/intelligent remote control key outside the vehicle.
- 3 Move the shift switch to "N" (neutral).
- 4 Release the electric parking brake.

## Warning

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- Never carry people on the vehicle being towed (towed by lifting front wheels or transported by flat trailer). Otherwise, in the event of an accident, personal injury or death may be caused.
  - After the vehicle is lifted by the trailer, do not stand under the vehicle. Otherwise, in the event of an accident, personal injury or death may be caused.
- 

Towing mode entry conditions (All conditions are met)

- Switch the gear to "P";
- Depress the brake pedal;
- Touch the towing mode switch on the central control display screen.

Towing mode exit conditions (any condition is met)

- Switch the gear to "P";
- Touch the towing mode switch again.

## Hint

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- In towing mode, switching to "D" or "R" is prohibited.
  - When vehicle enters the towing mode, the instrument cluster display screen will prompt that vehicle enters the towing mode.
-

## Towing from front of vehicle

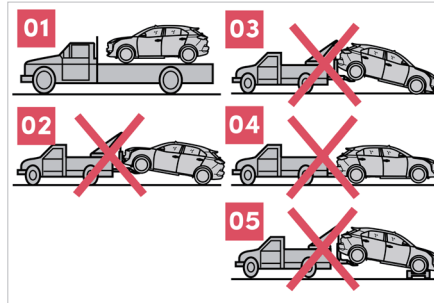


## Towing from rear of vehicle



## Towing

After the accident, if vehicle cannot be started properly, leave the site by towing vehicle.



Towing precautions:

- 1 It is necessary to tow vehicle with all four wheels raised off the ground, and the towing methods 02 03 04 05 shown in the above figure are prohibited.
- 2 Before towing the vehicle, set the start/stop button to "OFF" position, turn on the hazard warning lamps, close doors and lock the mechanical lock.
- 3 During towing, never allow people to stay in the vehicle.

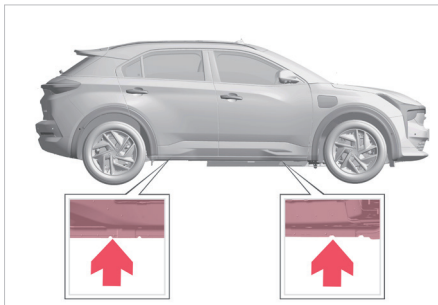
### ⓘ Hint

Before loading the faulty vehicle to the rescue vehicle, turn on the towing mode for the faulty vehicle.

## Caution

- After loading the faulty vehicle to the rescue vehicle, turn on the electric parking brake switch of the faulty vehicle and fix the four wheels to prevent the faulty vehicle from moving during emergency braking of the rescue vehicle.
- If the platform-type truck cannot be used normally to tow the vehicle, the rigid connection method can be used to tow the vehicle to a safe area in an emergency and wait for rescue.
- When using rigid towing, long-distance towing should be avoided, and the trailer speed should not exceed 5 km/h; When using rigid towing, the vehicle speed cannot exceed 5 km/h.
- Vehicle can be towed away from the site only on the premise that there is no safety risks. If the vehicle battery pack is deformed, leaking or smoking, the safety risks should be solved first.

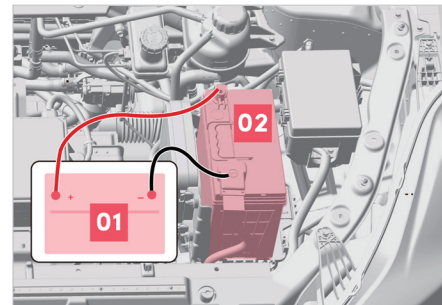
## Lifting up the vehicle



When lifting the vehicle, the lifting support block shall be positioned at the opening at the front and rear ends of the lower side beam trim plate, and the body side wall sheet metal part shall be supported and lifted. The lifting support block shall not contact the side beam trim plate body, otherwise the side beam trim plate will be damaged.

## Jump starting

If the vehicle fails to start due to the low power of the 12 V low voltage battery, start vehicle by jump starting. After jump starting, go to NETA Auto service station for inspection and repair immediately, and check the 12 V low voltage battery.



Operation steps for reference:

- 1 Open the front compartment cover.
- 2 Set the vehicle power mode to "OFF".
- 3 Connect the red cable to the positive (+) terminal of the low voltage battery **01** for power supply.
- 4 Connect the other end of the red cable to the positive (+) terminal of the battery **02** of vehicle to be rescued.

- 5 Connect the black cable to the negative (-) terminal of the low voltage battery **01** for power supply.
- 6 Connect the other end of the black cable to the negative (-) terminal of the low voltage battery **02** of the vehicle to be rescued.
- 7 Start the vehicle that supplies power, and then start the vehicle to be rescued. When the vehicle is successfully started, remove the connected cables in reverse order.

### Caution

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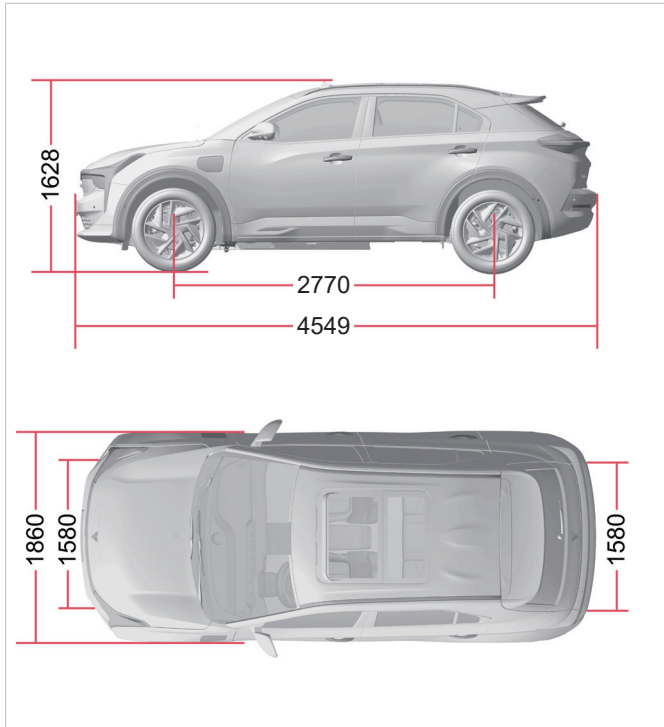
- The power supply voltage must be the same as the voltage and capacity of the vehicle's 12 V low voltage battery, otherwise explosion may be caused.
  - Never allow 12 V low voltage battery to contact open flame or static electricity. Otherwise, the combustible gas generated by the 12 V low voltage battery may be ignited by sparks, resulting in explosion accidents.
  - Please connect the cable carefully to avoid short circuit to other components in the front compartment.
- 

### Caution

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- Never perform the auxiliary starting when the 12 V low voltage battery is damaged, frozen or melted.
  - Connect the cables in the correct order. First, connect the positive cable and then connect the negative cable.
  - Never touch the high-voltage components during operation so as to prevent high-voltage electric shock injury.
  - Be sure to wear appropriate protective glasses and gloves, and do not lean over the 12 V low voltage battery.
  - Wash your hands after handling the low voltage battery. Low voltage battery and its relative accessories contain lead, which is a toxic substance.
-

## Parameters of vehicle overall size



### ⓘ Hint

Outside rear view mirror of the vehicle is a component that is not included in the overall sizes of the vehicle.

Type	Parameter
Length (mm)	4549
Width (mm)	1860
Height (mm)	1628
Wheel base (mm)	2770
Front tread (mm)	1580
Rear tread (mm)	1580
Front overhang (mm)	860
Rear overhang (mm)	900

## Vehicle mass parameter

Type	Parameter
Total mass (kg)	2145
Curb mass (kg)	1779
Axle capacity (front) (kg)	1120
Axle capacity (rear) (kg)	1034

## Suspension

Type	Type
Front suspension	Mcperson independent
Rear suspension	Multilink independent
Front overhang (mm)	870
Rear overhang (mm)	909

## Structure parameter

Type	Parameter
Integrating mode of body	Integral body
Body type	SUV five-door and one-cover
Drive mode	Front-motor, front-wheel drive
Seating capacity (persons)	5
Minimum ground clearance (mm)	135
Approaching angle (°)	20
Departure angle (°)	28
Number of axles	2
Number of tires	4

## Economic performance

Type	Parameter
Nominal driving mileage under working condition (km)	502
Nominal power consumption per 100 km under working condition (kWh/100 km)	14.5

## Power performance

Type	Parameter
Maximum gradeability (%)	35
0 ~ 50 km/h (s)	$\leq 4$
0 ~ 100 km/h (s)	$\leq 9.5$
Maximum vehicle speed (km/h)	150

## Braking performance

Type	Parameter
Braking distance (initial speed 100 km/h/ unloaded) (m)	$\leq 43$
Braking distance (initial speed 100 km/h/ loaded) (m)	$\leq 45$
Brake deceleration (m/s)	$\geq 6.43$
Pedal effort (N)	$< 500$
Electric parking gradeability (%)	20
Standard thickness value of front brake pad (thickness of bottom plate is not included) (mm)	10.5
Service limit value of front brake pad thickness (thickness of bottom plate is not included) (mm)	8.5
Standard thickness value of rear brake pad (thickness of bottom plate is not included) (mm)	$11 \pm 0.1$
Service limit value of rear brake pad thickness (thickness of bottom plate is not included) (mm)	9



## Four-wheel alignment parameter

Type	Parameter
Front wheel camber	- 25' ± 30'
Kingpin caster of front wheel	5° 52' ± 30'
Kingpin inclination of front wheel	11° 55' ± 30'
Front wheel toe-in	5' ± 6'
Rear wheel camber	- 42' ± 30'
Rear wheel toe-in	5' ± 6'

## Tire parameter

Type	Parameter	
Rim model	18 × 6.5 J	
Tire model	225/60 R18	
Tire pressure (kPa)	Unloaded	220 ± 10
	Loaded	220 ± 10

## Dynamic balance parameter of wheel

Type	Parameter
Front wheel (g)	Unilateral ≤ 5
Rear wheel (g)	Unilateral ≤ 5

## Low voltage battery

Type	Parameter
Low voltage battery type	Lead-acid maintenance-free battery
Battery rated value (Ah)	45
Voltage and electrode	12.6 V/inverted cone shaped

## Brake pedal free play

Type	Parameter
Brake pedal free play (mm)	123

## Reducer parameter

Type	Parameter
Manufacturer	Wuxi CRRC Hofer Powertrain Co., Ltd
Model	1F230
Type	Central reducer
Gear ratio of each gear	12.329
Gear oil filling amount	0.85 ± 0.05 L
Gear oil model	Cstrol BOT 352B1

## Drive motor parameter

Type	Parameter
Manufacturer	Wuxi CRRC Hofer Powertrain Co., Ltd
Motor type	Permanent magnetic synchronous motor
Motor model	TZ165XS033
Rated power/speed/torque (kW/r/min/N.m)	50/4974/96
Peak power/speed/torque (kW/r/min/N.m)	120/16500/210

## Fluid parameter

### A/C fluid filling

Type	Parameter
Filling amount	450 g ± 20 g
Filling model	R134a

### Washer fluid

Type	Parameter
Filling amount	2 L ± 0.1 L

### Brake fluid

Type	Parameter
Filling amount	610 ± 10 ml
Filling model	DOT4

## Motor system antifreeze

Type	Parameter
Filling amount	4.4 L ± 0.2 L
Filling model	GB29743-2013 LEC-II-35 Color: Red

## Battery system antifreeze

Type	Parameter
Filling amount	5.2 L ± 0.2 L
Filling model	GB29743-2013 LEC-II-35 Color: Red

## Power battery parameter

Type	Parameter
Power battery assembly manufacturer	Anhui Hongtron New Energy Power Co.,Ltd
Power battery cell manufacturer	Ningde Contemporary Amperex Technology Co., Limited/Jiangsu Contemporary Amperex Technology Limited
Type of power battery cell	Lithium iron phosphate
Number of power battery pack (pieces)	1
Battery pack size (length × width × height mm)	2104 × 1208 × 301.8
Rated voltage of power battery cell (V)	3.16
Rated capacity of power battery cell (Ah)	163.5
Rated voltage of power battery assembly (V)	417
Rated capacity of power battery assembly (Ah)	163.5
Total capacity of power battery (kwh)	68.2
Weight of power battery pack (Kg)	494