Foreword

Thanks for choosing Neta brand battery electric vehicle manufactured by Hozon New Energy Automobile Co., Ltd. (hereinafter referred to as Hozon).

Neta brand battery electric vehicles (hereinafter referred to as “Neta”) feature zero emission, less maintenance, low noise, high energy efficiency and easy and convenient handling, and are bound to provide you with desired ride comfort and driving pleasure.

This User’s Manual is applicable to Neta V models. Before using the vehicle for the first time, please read this User’s Manual carefully, familiarize yourself with the structure, various functions, operation methods and relevant regulations of Neta vehicle as soon as possible, and keep it properly after reading. The content in this User’s Manual will help you master the correct method of driving and maintaining the vehicle so that you can fully enjoy the driving pleasure.

This User’s Manual aims to provide you with instructions on the use and maintenance of the vehicle. Please check the purchase contract for the specific configuration of the vehicle you purchased. If you have any questions about this vehicle and the User’s Manual, please contact the Neta official service: XX-XXX-XXXX.

In view of the continuous modification and improvement of vehicles by Neta, the equipment and performance of the follow-up models will be subject to changes without further notice. Please do not compare the content of the User’s Manual of other versions with the equipment and performance of the vehicle you purchased, or make requests for retrofitting based on the difference between the two.

Modification of the vehicle in any way is not permitted. Otherwise, it may adversely affect the safety, durability and other performance of the vehicle, and violate the limited warranty conditions of the vehicle.

Users must strictly abide by all vehicle-related laws and regulations. Relevant laws and regulations have been fully considered and observed when this User’s Manual is prepared, but some items in it may not comply with the latest revised laws and regulations when you purchase your vehicle.

When reselling the vehicle, please attach this User’s Manual with the vehicle so that the next user can obtain the relevant information in the User’s Manual.

User Notice

WARNING, CAUTION, NOTE, and some special symbols will be frequently seen in this User's Manual. Special attention should be paid to these alerts, otherwise personal injury or damage to your vehicle may occur.

⚠"WARNING" indicates that failure to follow the instruction will probably cause severe personal injury or even death.

"CAUTION" indicates that dangerous or unsafe operations will cause personal injury or damage to the vehicle.

"NOTE" indicates that operations of drivers and passengers will endanger the vehicle or personal safety.

Equipment marked with an "*" is only available on some models or only as an option or optional feature on some models. Please refer to the actual vehicle configuration.

When you purchase a vehicle, you should accept the professional guidance of Neta city partners to learn the knowledge of driving, charging, daily maintenance and others of a battery electric vehicle. If there is any problem during the use of the Neta vehicle, please contact the Neta city partners or the Neta official service: XX-XXX-XXXX.

1 We have strictly followed the relevant national and industry standards when designing, manufacturing and assembling all high-voltage cables and connectors. Except for the necessary operations permitted in this manual, please do not touch the high-voltage cables (in orange color) and connectors to prevent electric shock.

2 Please follow all warning labels attached to the vehicle parts.

3 Any changes to the vehicle parts may affect the performance and high-voltage safety of the vehicle. Therefore, any work involving disassembly or replacement of the vehicle parts must be carried out by the Neta city partners, and users are strictly prohibited from disassembling or replacing them without authorization!

4 Recommendations for the use of vehicle in extreme weather:

- In summer, in order to ensure the safety of the vehicle and the driver, it is recommended not to expose your vehicle to direct sunlight for a long time, but please park in a cool and ventilated open space.
- In rainy days, if the bottom of the battery pack is submerged in water, it is strictly forbidden to start the vehicle, and in this case, please contact the Neta city partner in time.
- In winter, the charging efficiency of the traction battery will be reduced due to low temperature. Therefore, after using the vehicle, you should charge the vehicle immediately for your next use.

User Notice

5 Precautions for operation of motor compartment:

- There are devices marked with high-voltage warning labels inside the motor compartment. Never touch these devices with bare hands.
- Never spray water onto or rinse the components in the motor compartment.
- Never open the hood in the rain to prevent electric leakage.
- Never open the high-voltage components without authorization.
- If the instrument indicator light of the high-voltage components come on, it indicates that the high-voltage system of the vehicle is faulty, so please contact the Neta city partner in time.

6 If the door cannot be unlocked with the remote control key, it may be due to insufficient power of the low voltage battery or remote control key battery. In this case, please contact the Neta city partner in time.

7 Actions for vehicle start failure:

- Check the traction battery gauge.
- Check the remaining battery power, and when it is low, please charge the vehicle.
- If the vehicle still fails to be started after you perform the above operations, please contact the Neta city partner in time.

8 Precautions in the event of an accident:

- If the cables on the vehicle are exposed or damaged, do not touch any cables to prevent electric shock.
- If the vehicle catches a fire, leave the vehicle immediately and use a water-based fire extinguisher to put it out.
- If the vehicle collides, it is strictly forbidden to start the vehicle again.
- If the vehicle is partially or fully submerged in water, power off the vehicle and leave the vehicle in time. Please carry out the towing operation only when there is no bubble or "sizzling" sound. In the case of bubbles or "sizzling" sound, wait until bubbles or "sizzling" sound disappears and then carry out the towing operation. The towing operation must be carried out by professionals using professional equipment.
- After handling the accident, please contact the Neta city partner in time to check and repair the vehicle.
- The vehicle has an accompanied roadside service card. When the roadside assistance personnel arrives, please show the card.

User Notice

- Please avoid setting too low or high A/C temperature, because this will increase the power consumption and shorten the range of your vehicle by about 10%~20%.

9 A gentle depression on the accelerator pedal is safe and power-saving, allowing you to drive in a good mood.

10 Your vehicle is equipped with an energy recovery system that will charge the vehicle when the vehicle is coasting in forward gear or decelerated by depressing the brake pedal.

11 Recycling of traction battery system (customer notice on matters related to the recycling of used traction battery):

- According to the *Interim Measures for the Management of Recovery and Utilization of New Energy Vehicle Power Battery* jointly issued by the Ministry of Industry and Information Technology, the Ministry of Science and Technology, the Ministry of Ecology and Environment and other relevant state ministries and commissions, "When the traction battery needs to be repaired and replaced, the owner of the new energy vehicle shall send the new energy vehicle to an after-sales service organization with corresponding capabilities for repair and replacement of the traction battery; when the new energy vehicle meets the scrapping requirements, it shall be sent to an automotive recycling company to disassemble the traction battery. Owners of traction batteries (including battery leasing companies and other operating companies) shall hand over the used traction batteries to the recycling service outlets. If the used traction battery is handed over to other units or individuals for the unauthorized removal or disassembly, causing environmental pollution or safety accident, the responsibility shall be borne accordingly."
- If you resell or transfer your vehicle to someone else, please go to the Neta city partner for information filing with the new owner.

12 Validity of document:

- The release of the latest version may not be described in this User's Manual, so in the event of a conflict between the information contained in this manual and the information in "Software Update", the latter shall prevail.

13 Figures:

- The figures shown in this User's Manual are for illustration only. Depending on vehicle selection, software version and market region, the information displayed on your vehicle's central control screen may differ slightly from the content of this User's Manual.

14 Product specifications:

- All specifications and descriptions contained in this User's Manual have been certified to be accurate at the time of the manual printing. However, continuous improvement is the goal of Neta. We reserve the right to make changes at any time.

User Notice

15 In the case of the followings (including but not limited to these cases), please contact the Neta city partner for repair in time.

- Vehicle submerged in water.
- Vehicle collision.
- Major fault alarm signals (such as insulation fault and traction battery fault), etc. on the instrument panel.

16 Special notes:

- Neta always ensures that the vehicles meet high quality and safety standards through continuous product improvement. In rare cases, the content of the User's Manual may differ from the information of your vehicle. All information in the User's Manual has been the latest at the time of the manual publication. Neta reserves the right to modify and update this User's Manual at any time without further notice.

Drive safely, travel easily, and live a smart life. Neta wishes you a happy driving!

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Exterior introduction

Parts description:

01 : Right rear door handle

02 : Driver's door handle (Opening doors from outside. Refer to Key, page 04).

03 : Right exterior rearview mirror (Exterior rearview mirror regulation. Refer to Rearview mirror, page 44).

04 : Right front turn signal light (Bulb specifications. Refer to Bulb specifications, page 80).

05 : Headlight

Headlight leveling (Refer to Lighting, page 39).

Bulb specifications (Refer to Bulb specifications, page 80).

06 : Hood

Opening and closing hood (Refer to Hood, page 11).

07 : Wiper

Wiper blade replacement (Refer to Wiper blade, page 73).

Parts description:

01 : DC/AC charging inlet (Opening and closing of DC/AC charging inlet. Refer to Charging operation, page 67).

02 : Left exterior rearview mirror (Exterior rearview mirror regulation. Refer to Rearview mirror, page 44).

03 : Left tail light (liftgate) (Bulb specifications. Refer to Bulb specifications, page 80).

04 : Liftgate (Emergency opening of liftgate. Refer to Liftgate, page 10).

05 : Parking sensor

06 : Left tail light (side body) (Bulb specifications. Refer to Bulb specifications, page 80).

07 : Left rear door handle

08 : Front passenger door handle

09 : Tire

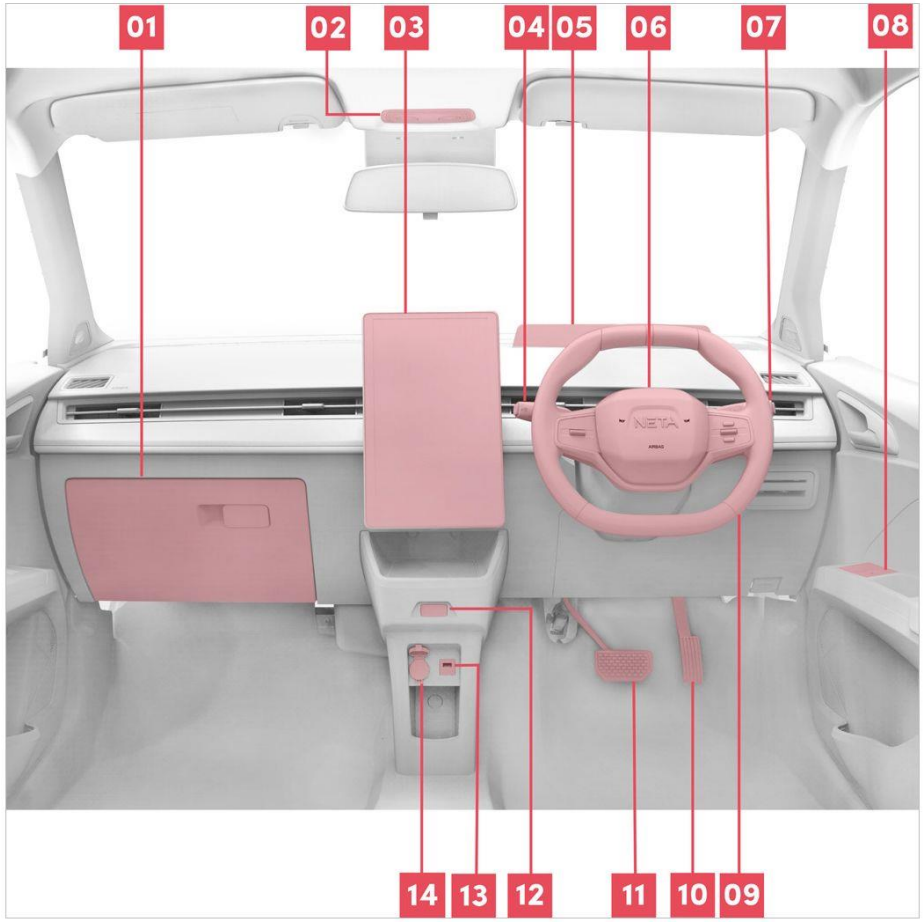
Use of tire sealant (Refer to Driver's tools, page 89).

Tire specifications and dimensions (Refer to Tire parameters, page 100).

Tire pressure label position (Refer to Vehicle labels, page 103).

10 : Left front turn signal light (Bulb specifications. Refer to Bulb specifications, page 80).

Interior introduction



Parts description:

01 : Glove box

02 : Dome light (Dome light switch. Refer to Lighting, page 41).

03 : Central control screen

Instructions for use of central control screen (Refer to Instructions for use of in-vehicle infotainment system assembly (central control screen), page 46).

04 : Combination switch

High beam on and off (Refer to Lighting, page 38);
Turn signal light on and off (Refer to Lighting, page 40);
Wiper/washer system operations (Refer to Wiper/washer system, page 42).

05 : Instrument cluster (Indicator lights. Refer to instrument panel, page 26).

06 : Airbag and horn switch (Airbag introduction. Refer to Airbag, page 19).

07 : Shift lever (Gear position operations. Refer to Gear positions, page 31).

08 : Driver's door window switch

Unlocking/locking from inside (Refer to Doors, page 07).
Window regulator (Refer to Power window, page 09).
Exterior rearview mirror regulation (Refer to Rearview mirror, page 44).

09 : Steering wheel (Refer to multifunctional steering wheel, page 36).

10 : Acceleration pedal

11 : Brake pedal

12 : Hazard warning light switch (Hazard warning light switch. Refer to Lighting, page 40).

13 : USB port (Use of USB port. Refer to Power outlet, page 45).

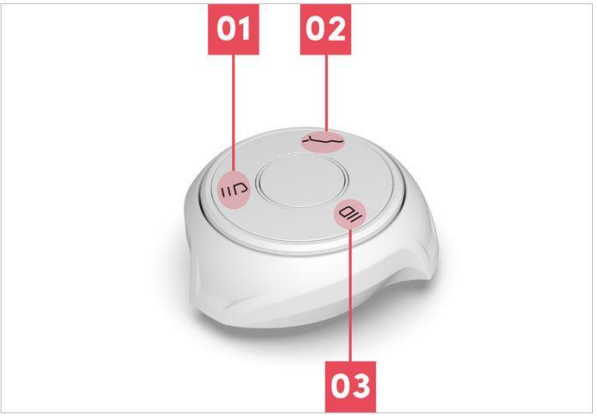
14 : Power outlet (Power outlet. Refer to Power outlet, page 45).

Key

Neta V supports two kinds of keys: remote control key and mechanical key.

Remote control key

The remote control key can be used to remotely control the unlocking/locking of doors and liftgate and other additional functions.



Locking:

When all doors, liftgate and hood are closed, press the locking button 03 to lock all doors and liftgate at the same time.

Unlocking:

Press the unlocking button 01 to unlock all doors and liftgate at the same time.

Unlocking liftgate:

Press and hold the liftgate unlocking button 02 to unlock the liftgate.

Remote vehicle locating:

When the vehicle is locked, if you press the locking button 03 twice consecutively, the turn signal lights will flash for 20s, and the horn will sound twice. When you are not sure of the location of your vehicle, you can find out your vehicle with this function.

NOTE

- During the vehicle locating, if you press the unlocking button on the remote control key, the vehicle locating function will be canceled.

Keyless unlocking/locking

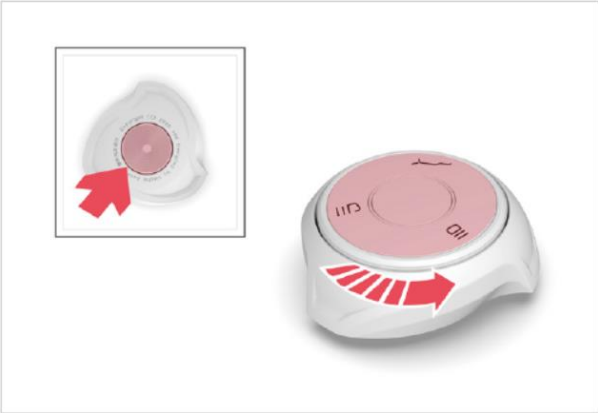
Keyless unlocking:

When the vehicle is locked, if you carry a valid remote control key and press the button of the driver's door handle within about 1m, the vehicle will be automatically unlocked.

Keyless locking:

When the vehicle is unlocked and all doors, liftgate and hood are closed, if you carry a valid remote control key and press the button of the driver's door handle within about 1m, the vehicle will be locked and enter the anti-theft state.

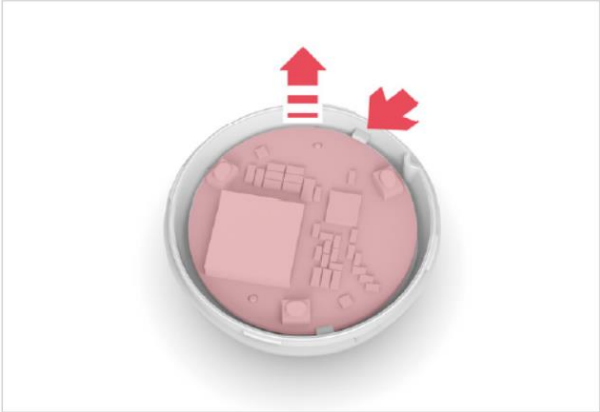
Replacing remote control key battery



1 While pressing the center cap, turn the key body counterclockwise.

2 Remove the key body.

3 Use a tool to pry open the key at the key opening.



4 Pry up the IC board at the arrowed position and take it out.

5 Pry up the battery from the notch and take it out.

6 Replace the battery with a new one.

NOTE

- Battery model: CR2025.
- Install the battery with its negative facing up. Do not reverse it.

7 After the battery replacement, insert the IC board under the clips at the antenna to align with two posts and press the IC board in place.

NOTE

- When installing, please make sure that the IC board is clamped by the two clips.

8 Align the notches of the upper and lower shells, and fit the upper and lower shells together.

9 While pressing the center cap, turn the key body clockwise until it is locked. The installation is completed now.

Mechanical key

The vehicle has a mechanical key.

Unlocking:

Insert the mechanical key into the lock cylinder and turn the key counterclockwise.

Locking:

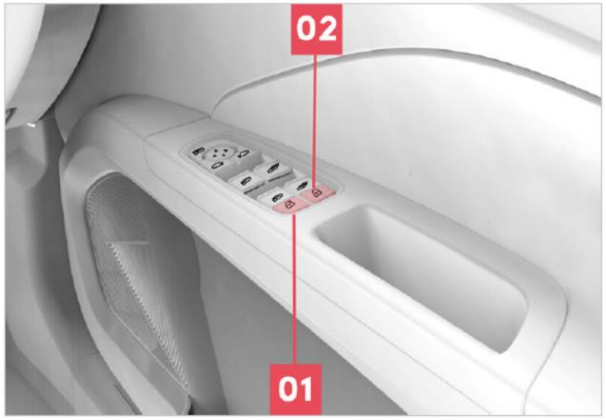
Insert the mechanical key into the lock cylinder and turn the key clockwise.

Doors

Opening doors from outside

(Refer to Key, page 04).

Unlocking/locking from inside



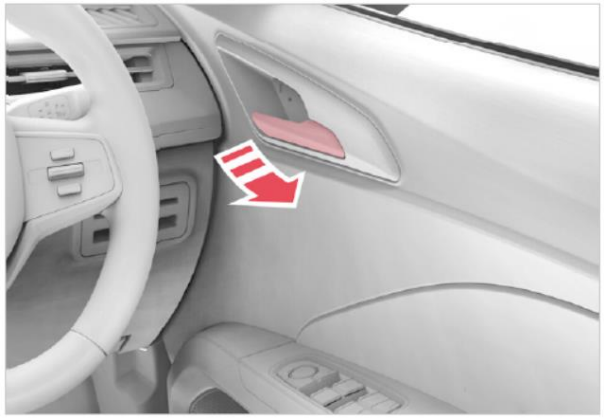
Locking:

Press the locking button 01 on the driver's door to lock all doors and liftgate.

Unlocking:

Press the unlocking button 02 on the driver's door to unlock all doors and liftgate.

Opening doors from inside



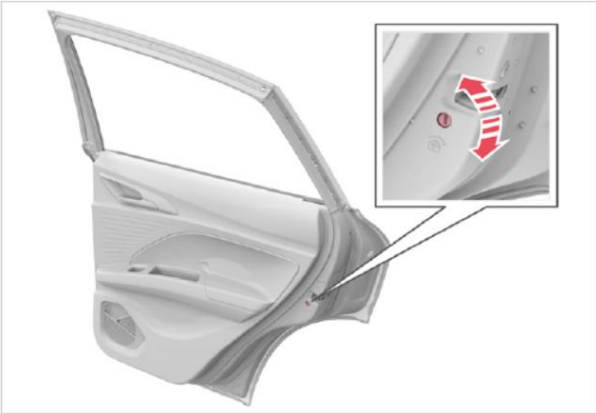
Opening:

When the central locking system is unlocked, pull the handle once to open the door from the inside.

When the central locking system is locked, pull the handle once to unlock the door, and then pull the handle again to open the door from the inside.

Child safety lock

The child safety lock is used for preventing children from opening the door without permission while the vehicle is running. Therefore, when there are children in the rear seat, be sure to set the child safety lock to the locked state.



Left rear door child safety lock:

Insert the mechanical key into the lock hole, turn it counterclockwise to lock the child safety lock, and turn it clockwise to unlock the child safety lock.

Right rear door child safety lock:

Insert the mechanical key into the lock hole, turn it clockwise to lock the child safety lock, and turn it counterclockwise to unlock the child safety lock.

CAUTION

- After the child safety lock is locked, the corresponding door cannot be opened from the inside of the vehicle.
- When the rear door cannot be opened with the inside handle, the child safety lock may be working, and in this case, do not pull the inside handle forcibly to avoid damage to it.

Speed sensing door lock

When the vehicle reaches a certain speed, all doors and liftgate will be locked automatically.

Speed sensing door lock conditions (the following conditions must be met at the same time):

- The vehicle speed is higher than 25km/h and maintained for a period of time;
- All doors and liftgate are closed;
- The vehicle is not involved in a collision.

Impact sensing door unlock

When the vehicle incurs a serious collision accident, all doors will be unlocked automatically and all turn signal lights will flash.

Vehicle anti-theft system

When the vehicle is locked, and any door or liftgate is unlocked by unauthorized means, the anti-theft system will trigger the horn to sound and the turn signal lights to flash.

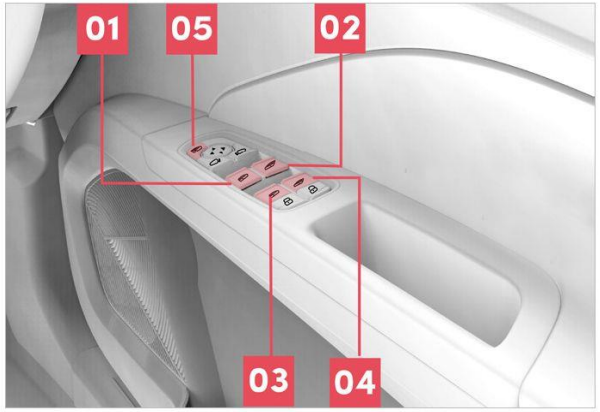
Authorized vehicle unlocking means: Either remote control key or mechanical key. Specific operations (Refer to Key, page 04).

Anti-theft system modes:

1. Pre-arming mode: The mode within 5s after the vehicle is powered off and the vehicle is locked. In this mode, the doors and liftgate can be opened without triggering an alarm.
2. Arming mode: If no door or liftgate is opened in the pre-arming mode, the vehicle will enter the arming mode after 5s.
3. Semi-arming mode: In this mode, if the liftgate is unlocked by authorized means, the alarm will not be triggered, but the four doors will be still in the armed state.
4. Disarming mode: The vehicle is unlocked by authorized means.
5. Alarm mode: If the door or liftgate in the armed state is opened by unauthorized means, the vehicle will enter the alarm mode (triggering the horn to sound and the turn signal lights to flash).

Power window

Driver side control



Opening:

Press and release any of the buttons 01 02 03 04. The corresponding window will automatically move all the way down;

Press and hold any of the buttons 01 02 03 04. The corresponding window will automatically move down. When the button is released, the window will stop.

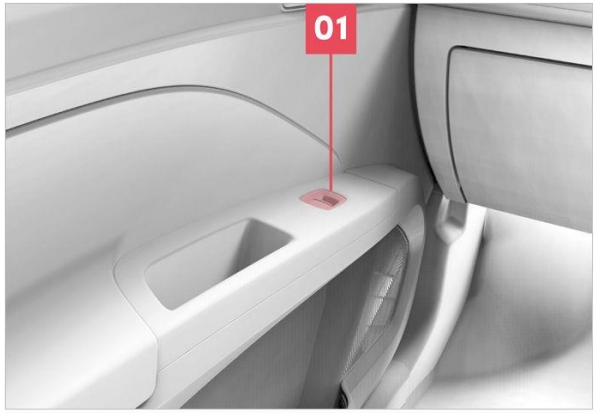
Closing:

Lift any of the buttons 01 02 03 04 . The corresponding window will automatically move up. When the button is released, the window will stop.

Window locking:

Press the button 05. The red indicator light on the button will come on, and the buttons on other three doors cannot control corresponding window regulators. Press the button again, the red indicator light will go out, and the buttons on other three doors will resume the control of corresponding window regulators.

Passenger side control



Opening and closing:

Press and release any of the buttons 01. The window will automatically move all the way down. Press and hold the button 01. The window will automatically move down. When the button is released, the window will stop.

Lift the button 01. The window will automatically move up. When the button is released, the window will stop.

⚠ Warning

- Do not leave a child alone in the vehicle. The child may unintentionally activate the window control button, and then may be injured by the moving window.
- When the vehicle is traveling, or before closing the windows, please make sure that all parts of the passenger's body (such as hands) are in the vehicle.

Liftgate

You can open the liftgate as follows.

Opening liftgate via central control screen

After unlocking the liftgate via the central control screen (Refer to Instructions for use of in-vehicle infotainment system assembly (central control screen)page 47), lift and open the liftgate.

Opening liftgate with remote control key

After unlocking the liftgate with the remote control key (Refer to Key, page 04), lift and open the liftgate.

Opening liftgate with mechanical key

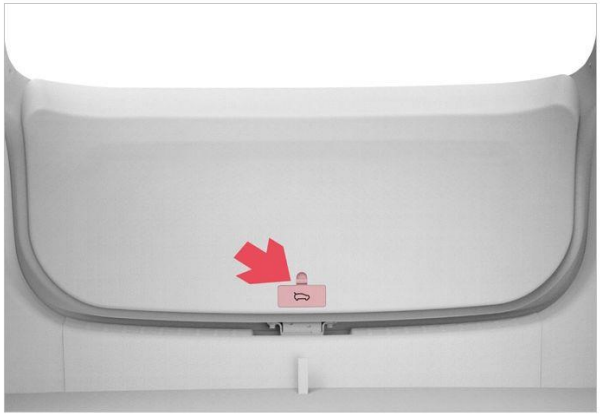
Opening:

1 Unlock the vehicle with the mechanical key (Refer to Key, page 07), and press the unlocking button on the driver's door.

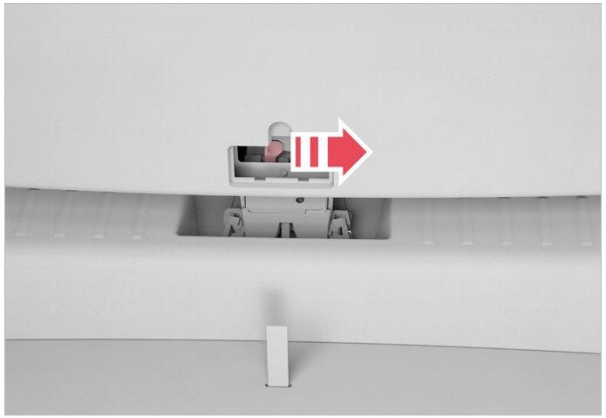
2 Press the liftgate switch to unlock the liftgate, then lift and open the liftgate.

Liftgate emergency switch

When you encounter an emergency and need to open the liftgate from the inside of the vehicle, please refer to the following steps.



1 Fold the rear seat (Refer to Seat, page 13), and remove the emergency switch trim panel.



2 Pull the emergency switch to the right to open the liftgate.

Hood

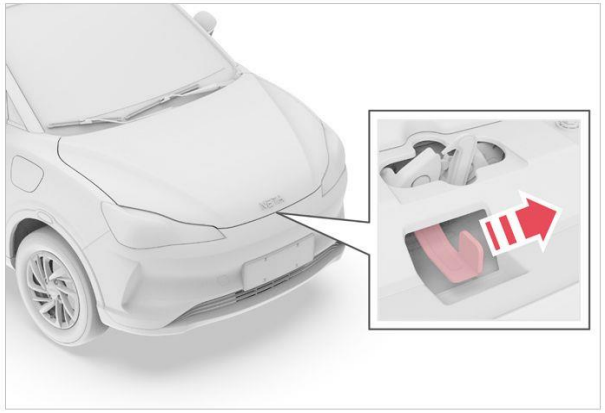
Precautions for operation of motor compartment

⚠ Warning

- Be sure to read and observe the relevant warning instructions carefully before opening the hood.
- Do not touch the orange cable in the motor compartment at will.
- Before driving, make sure that the hood is completely closed and locked, otherwise it may cause the hood to open suddenly, resulting accidents.
- Before closing the hood, ensure that there are no obstacles at the opening of the hood, and there are no gloves, rags or any other combustible materials left in the motor compartment, otherwise it may cause fire and personal injury.

Opening hood

1 After the vehicle is parked steadily, depress the brake pedal, shift the gearshift lever to P position, and pull up the opening handle of hood. At this time, the main lock of the hood is opened, and the hood will bounce up slightly.



2 Turn the secondary opening handle under the hood to the right, and lift the hood after unlocking.

3 After the hood is open, support the hood firmly with the hood stay bar.

Closing hood

Lower the hood to a proper height from the locking position, let the hood fall freely and lock, and press the leading edge of the hood evenly with both hands to ensure that the locking is in place.

After the hood is closed, verify that it is completely locked by trying to lift the leading edge of the hood. Otherwise, open and close the hood again.

Seat

Front seat adjustment

Seat longitudinal adjustment:

1 Pull up the pull rod under the seat cushion.
2 Slide the seat to a proper position.
3 Release the pull rod and move the seat back and forth to ensure that the seat is locked.

Seat back adjustment:

1 Pull up the handle on the outside of the seat cushion.
2 Adjust the seat back to a proper position.
3 Release the handle and move the seat back and forth to ensure that the seat back is locked.

Seat headrest adjustment

The following illustration and description show the adjustment method of front seat headrest, which is generally the same as that of rear seat headrest.

Seat headrest adjustment:

1 Press and hold the headrest button.
2 Adjust the seat headrest to a proper position.
3 Release the button and press down the headrest to ensure it is locked.

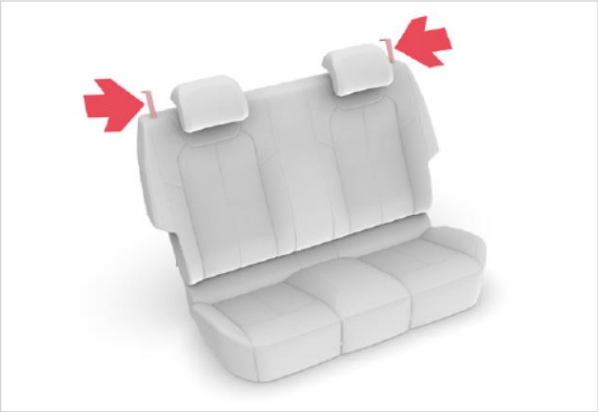
Removing seat headrest:

1 Press and hold the headrest button.
2 Remove the headrest.

NOTE

- When removing the headrest, you may need to adjust the rake of the seat back.

Folding rear seat



Folding rear seat:

1 Pull up the cable switch at the top of the seat back with both hands at the same time.

2 Fold the seat back forward.

NOTE

- Before folding the rear seat, make sure that there are no articles on the rear seat and the rear seat belt is unfastened. Otherwise, the seat cushion lining may be damaged.

Rear seat reset:

Tilt up the seat back and press it backward into place.

Seat belt

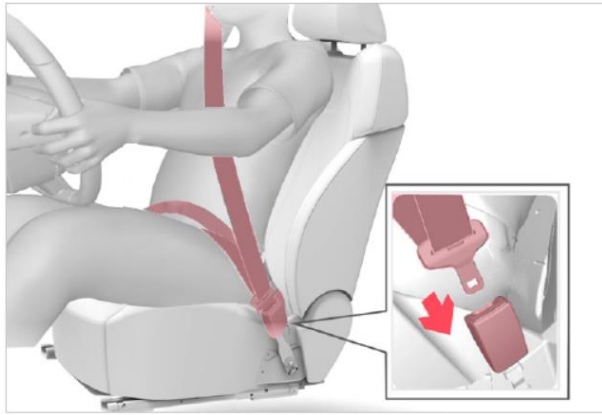
Proper use of seat belt

Fastening seat belt

1 Adjust the seat to a proper position and the seat back to a proper rake.

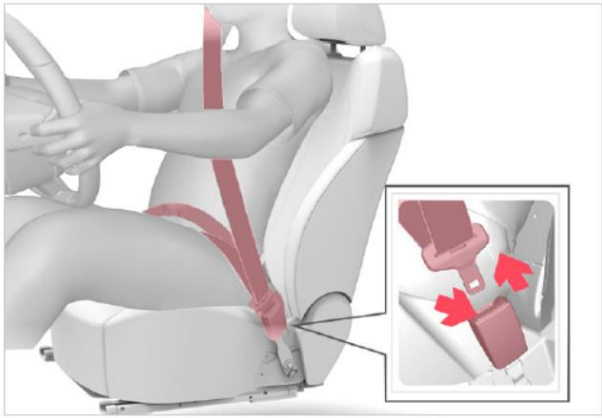
2 Extract the seat belt webbing smoothly so that it crosses the shoulder near the extraction position and crosses the chest obliquely. The webbing should not be under the arm or across the back of the neck.

3 Keep the lap belt as low as possible to the hips, and do not buckle it at the waist.



4 Insert the tongue into the buckle until you hear a "click" sound, and pull the tongue to confirm that the latching is successful. Make sure the seat belt is not twisted.

Unfastening seat belt



1 Press the red unlocking button on the buckle. The tongue will pop out automatically, and the seat belt will retract automatically.

2 If the seat belt cannot automatically retract smoothly, extract it and check if it is twisted.

Seat belt reminder

During driving, if the driver does not fasten the seat belt, the instrument cluster will display the red indicator light accompanied by an audible alarm until the driver fastens the seat belt. The indicator light will go out and the audible alarm will disappear.

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Important safety instructions for using seat belt

Warning

In order to reduce the risk of accidental casualties, please strictly observe the followings:

- In case of emergency braking or an accident, wearing seat belts correctly can greatly reduce the severity of injury to the driver and passengers. Therefore, the drivers and passengers must wear seat belts during driving all the way.
- Pregnant women or disabled people must also wear seat belts correctly. Otherwise, in the event of an accident, these passengers will also be seriously injured. The best way to protect unborn babies is to protect pregnant women, so pregnant women must wear seat belts when going out by car.
- The protective function of seat belts can only be exerted if they are used correctly. Not wearing it or wearing it incorrectly will increase the risk of injury and death.
- Seat belts must be kept clean at all times. Seriously dirty seat belts may affect the retraction function of automatic retractors.
- The buckle should not be blocked by paper or other articles. Otherwise, the tongue and buckle cannot latch reliably.
- Damaged or deformed seat belts should be replaced at the Neta city partner as soon as possible. At the same time, check whether the seat belt anchorage is damaged.
- Pregnant women should try to sit back straight away from the steering wheel or instrument panel, which can reduce the harm to pregnant women and fetuses in accidents.

Warning

- Before driving off, the driver and passengers must wear their seat belts correctly all the way, even if driving at a low speed or for a short period, so as to ensure their safety.
- Two people (even children) are not allowed to wear the same seat belt. When driving with children, appropriate child protection systems should be selected to protect children according to their height and body shape.
- The seat belts should not be pressed against fragile or hard articles (such as glasses, ballpoint pens, etc.), otherwise damage will be caused to the seat belts, thus reducing the protection provided to the driver and passengers.
- Be sure to insert the seat belt tongue correctly into the buckle and make sure they latch. Wearing the seat belt incorrectly will affect the protection function.
- Take off the loose and heavy coat when wearing the seat belt, so as not to affect the fit between the seat belt and the body and its protection function.
- Users are not allowed to repair, adjust, install or remove seat belts or any components on seat belts by themselves. Do not modify seat belts in any way.
- The removal and installation of seat belt components is recommended to be implemented by the Neta city partner.

Seat belt inspection and maintenance

CAUTION

- Check seat belts regularly for damage or wear. In case of damage or wear, please go to the Neta city partner for replacement as soon as possible.

When seat belts are not in use, keep them properly, and protect them from strong acid, open flame or sharp objects. Do not keep them in humid environment for a long time.

Warning

- Wash the seat belts with in-car cleaner or clean warm water and let them dry naturally.
- Do not use chemical cleaner or boiling water to clean the seat belts. Do not allow moisture to enter the seat belt retractor mechanism.
- Do not attempt to repair or lubricate the seat belt retractor or buckle mechanism. If you need help, please contact the Neta city partner in time.

Child safety seat

The seat belts of Neta V are designed for adults. When there is a baby or child in the seat, the following must be done:

- Use a child restraint system suitable for child's age, weight or body shape (Refer to Child safety seat information, page 18).
- Install the child restraint system correctly according to the manufacturer's instructions (Refer to Operation instructions for installing child safety seat. page 16).

Important safety instructions for using child safety seat

Warning

- Do not install any rear-facing child restraint system on a seat with frontal airbags.

CAUTION

Proper use of child safety seats will greatly reduce the risk or severity of injury to children in accidents. Please pay attention to the following points when using child safety seats:

- Children should use suitable child safety seats correctly when riding.
- A child bellow 1.5m in height (or under 12 years old) should use a suitable child safety seat, and should not use a seat belt of the vehicle directly, otherwise the child's abdomen and neck may be injured.
- Children are not allowed to ride without protection.
- More than one child should not be seated in one child safety seat.
- Never hold children, including babies, in the arms of passengers.
- If a rear-facing child safety seat is installed on the rear seat, it is necessary to adjust the corresponding front seat appropriately forward; if a forward-facing child safety seat is installed on the rear seat, it may also be necessary to adjust the height of the headrest of the rear seat.
- Never neglect the children seated in child safety seats.
- If a child leans forward or sits incorrectly during driving, the risk of injury will increase in the event of an accident.

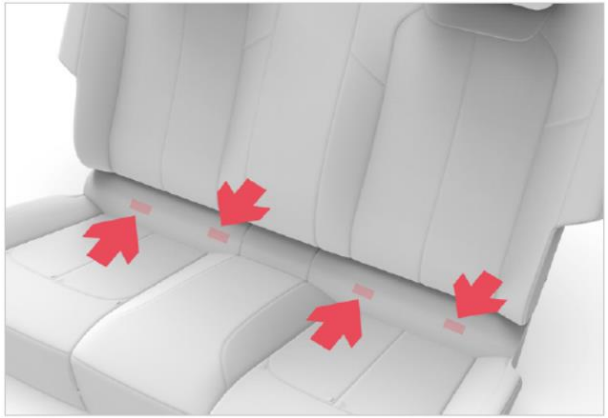
CAUTION

- The way seat belts are used has a significant impact on the maximum protection provided by the seat belts. Therefore, the child safety seat manufacturer's instructions for correct use of seat belts must be followed. If seat belts are not used correctly, injury may be caused even in minor traffic accidents.
- In case of collision or emergency braking, a child safety seat that is not properly installed and fixed may move and injure other passengers in the vehicle. Therefore, even if there is no child in the child safety seat, it must be correctly installed and fixed in the vehicle.

Warning

- In order to avoid injury to children, suitable child protection devices must be selected according to the child's age, height and weight, and firmly fixed in the vehicle.
- Children must not stand in the vehicle or kneel on their seats during driving, otherwise children may be thrown up in the event of an accident, resulting in casualties of themselves and other passengers.

Operation instructions for installing child safety seat



1 Locate the two lower anchorages used to fix the child safety seat.
2 Place the child safety seat on the seat.
3 Connect and fix the lower clips on the child safety seat to the lower anchorages.

4 Extract the upper webbing of the child safety seat and fix it with the upper anchorages.

5 Tighten the top tether so that the child safety seat is closely against the rear seat back.

⚠ Warning

- The ISOFIX lower anchorages of child safety seat are specially developed for child safety seats with ISOFIX connectors. Therefore, do not fix other child safety seat belts or articles to the anchorages, otherwise the child's life will be in danger.
- The upper anchorages of child safety seat can only bear the load applied by the correctly installed child safety seat. They must not be used with seat belts or straps for adults, or for securing other objects or devices.

Child safety seat information

Weight group		Front passenger's seat	Center rear seat	Outboard rear seats
Group 0	10kg	X	X	U
Group 0+	13kg	X	X	U
Ⅰ	9~18kg	X	X	U/UF
Ⅱ	15~25kg	X	X	U/UF
Ⅲ	22~36kg	X	X	U/UF

Note:
U: "Universal" child safety seats are suitable for this weight group.
UF: Forward-facing "universal" child safety seats are suitable for this weight group.
X: The child safety seats for this weight group are not suitable for this seat.

Size class - child safety seat

Size class	Meaning
A	Forward-facing child restraint system with full height for toddlers
B	Forward-facing child restraint system with reduced height for toddlers
B1	Forward-facing child restraint system with reduced height for toddlers
C	Rear-facing child restraint system with full size for toddlers
D	Rear-facing child restraint system with reduced size for toddlers
E	Rear-facing child restraint system for infants
F	Left-facing child restraint system (carrycot)
G	Right-facing child restraint system (carrycot)

Child safety seat fixed with ISOFIX

Weight group		Size class	Anchorage	Front passenger's seat	Center rear seat	Outboard rear seats
Carrycot		F	L1	X	X	X
		G	L2	X	X	X
Group 0	10kg	E	R1	X	X	U
Group 0+	13kg	E	R1	X	X	X
		D	R2	X	X	X
		C	R3	X	X	U
Group I	9~18kg	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: Suitable for ISOFIX child safety seats for special vehicles, or of restricted or semi-universal categories.
IUF: Suitable for universal ISOFIX forward-facing child safety seats for this weight group.
X: This seat does not support installation of ISOFIX child safety seat.
ISOFIX: International standard for anchorage points for child safety seats in passenger vehicles.

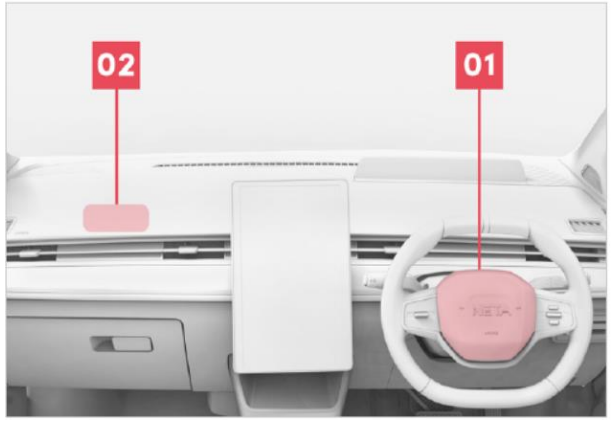
Airbag

The airbag system is a part of the supplemental restraint system, which is a supplement to the seat and seat belt. When the vehicle is involved in a serious collision and the airbag deployment conditions are met, the airbag will be quickly deployed, together with the seat belt, provide protection to the head and chest of the driver and passengers, so as to reduce the severity of injury and the probability of death.

NOTE

- Do not remove and install airbag components without permission.
- After a vehicle collision, even if the airbag has not been deployed and the pretensioner seat belt not locked, the airbag computer may be encrypted to prevent the airbag from accidental deployment. In this case, please contact the Neta city partner for airbag system test.

Airbag position



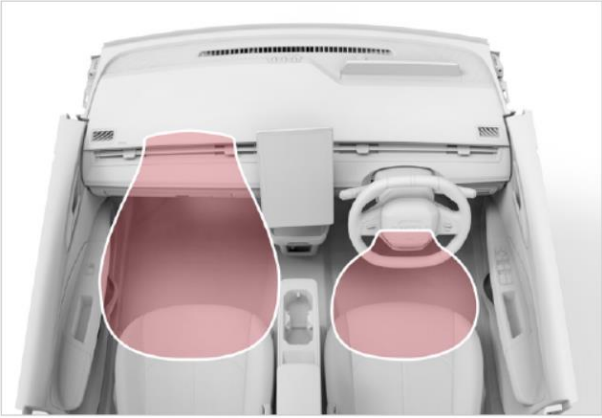
01 : Driver's airbag

The driver's airbag is located in the center of the steering wheel. The steering wheel is marked with "AIRBAG".

02 : Front passenger’s airbag

The front passenger’s airbag is located above the glove box. The instrument panel is marked with "AIRBAG".

Airbag deployment



If the airbag is deployed during a collision, it will expand due to hot air. At this time, a small amount of dust (smoke) will be released, possibly accompanied by a loud noise. This is a normal phenomenon and will not cause a fire. Prolonged exposure to the smoke and dust generated during deployment may cause skin or eye discomfort.

Airbag warning light

The airbag system is monitored by an electronic control unit and has a self-diagnosis function. In case of a fault, the airbag warning light on the instrument panel will come on.

Under normal circumstances, after the low-voltage power supply of the vehicle is turned on, the airbag warning light will come on and go out after about 5s.

NOTE

- If the airbag warning light is always on, it indicates that the airbag system is faulty. Please go to the Neta city partner as soon as possible for inspection, otherwise it will affect the protection by the airbag.

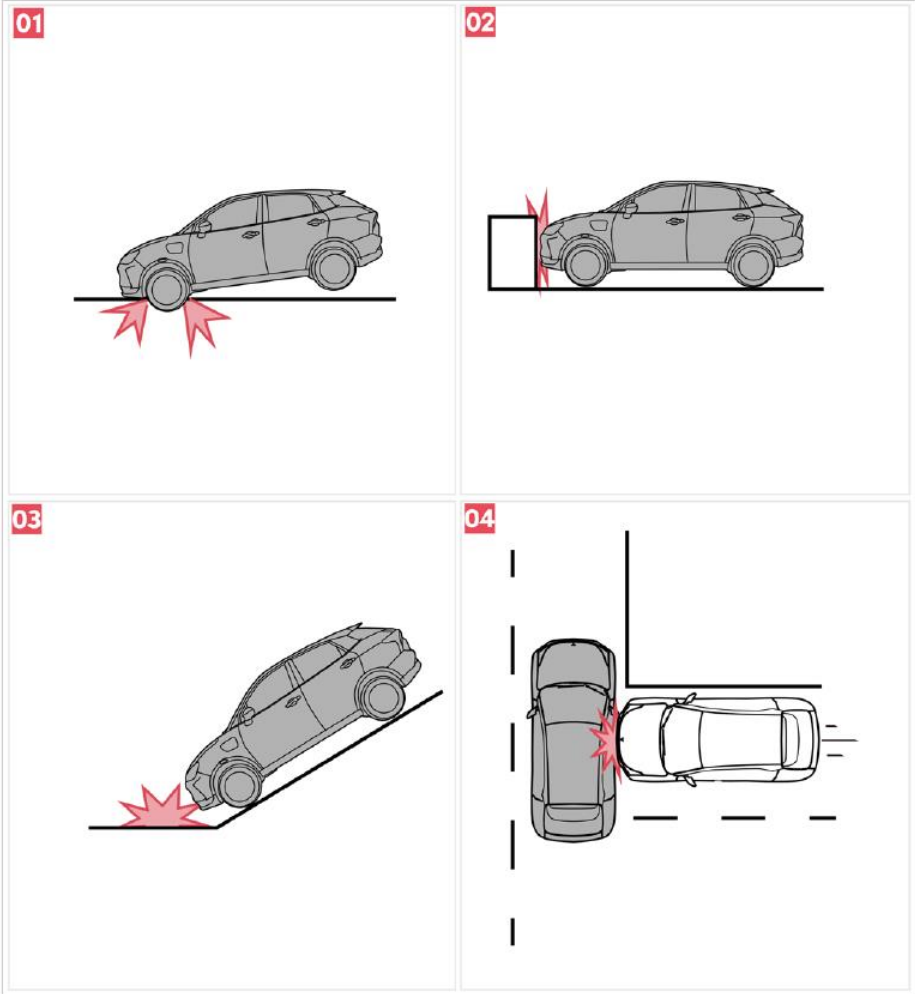
Airbag warning label

The airbag warning label is pasted at the inside and outside of the front passenger's sun visor.

Warning

- Never place a rear-facing child safety seat on the front passenger's seat, which may endanger the child's life.
- Do not let a child sit in the front passenger's seat or a booster seat. This may endanger the child's life.

Cases where the airbags may be deployed



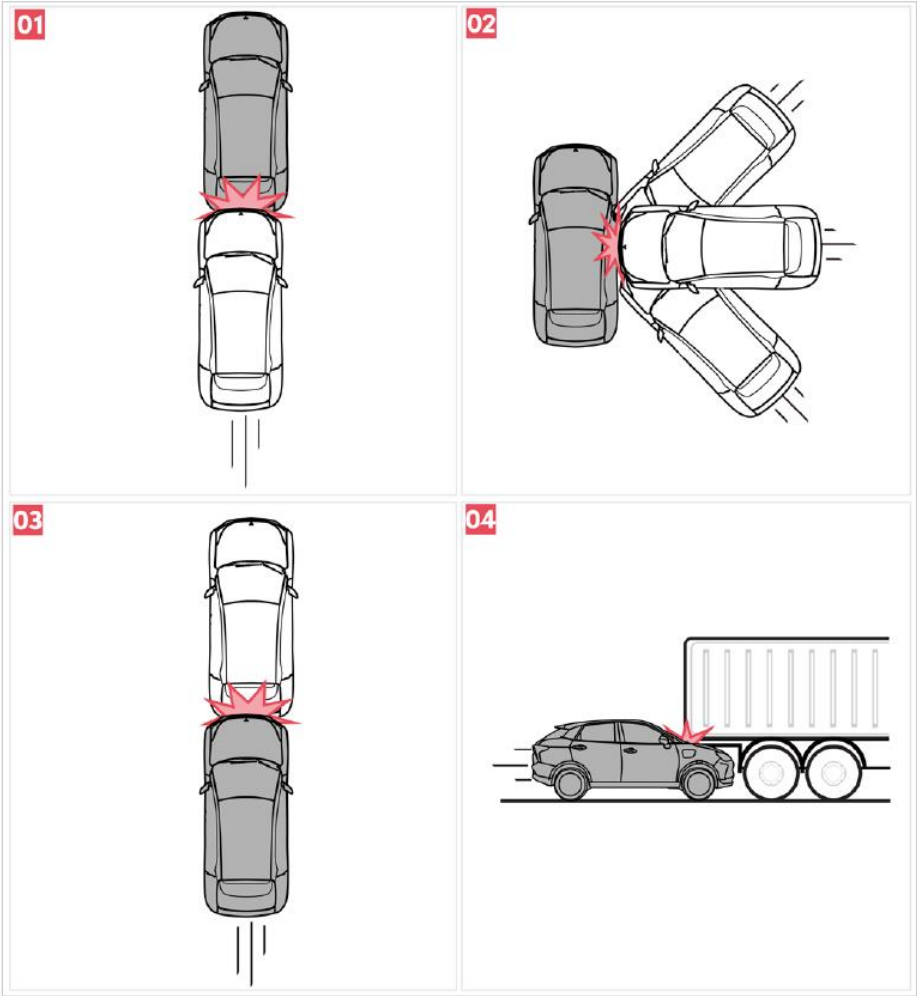
01 Nose-down to the ground when the vehicle crosses a deep groove.

02 Collision with a protrusion on the road.

03 Nose-down to the ground when the vehicle runs down a steep slope.

04 Rear-end collision by another vehicle.

Cases where the airbags may not be deployed



01 02 In case of side collision, rear-end collision or rollover, the front airbags will generally not be deployed.

03 If the deceleration or braking force does not meet the trigger condition of the airbag sensor, the front airbags may not be deployed. Such collisions include: rushing into a flexible object (such as snow drift and bush), colliding at a low speed with a hard fixed object, or collision between two vehicles at relatively low speeds.

04 The vehicle collides with a container truck or gets under a truck, but the collision force does not meet the trigger condition of the airbag sensor.

- The collision point is concentrated in one position (such as a tree or crash bar), and the collision force is not high enough to be transmitted to the airbag sensor.
- The airbag system is faulty.

In such types of collision accidents such as rear collision, lateral collision, offset collision, special rear-end collision, rollover and other special collisions, the airbag may not be deployed. In the second or third collision in a multi-car collision event, or in a low-speed collision, the airbag cannot provide additional protection even if it is deployed.

⚠ Warning

- The driver should keep the distance between the chest and the steering wheel at least 25cm, so as to obtain the most effective protection when the airbag is deployed.
- Please fasten your seat belt and keep a correct sitting posture during driving. If the seat belt is not fastened or the sitting posture is incorrect during driving, the deployment of the airbag may aggravate the injury in the event of an accident.
- The surface of the steering wheel trim cover and the surface near the airbag position should not be attached with anything or otherwise decorated.
- The steering wheel trim cover may only be cleaned with a piece of dry or slightly wet cloth.
- Airbags are developed and matched for specified models, and any changes to suspension, tire size, bumper, chassis or original equipment will adversely affect the airbag system.
- Do not transfer any components of the airbag system of this vehicle to another vehicle, otherwise the airbag system may fail and cause personal injury.

⚠ Warning

- Please replace the airbag system within 10 years from the date of manufacture, and it is recommended that the replacement work be carried out by the Neta city partner. If some components of the airbag system have been replaced before that date, please keep a record of all replacement of the airbag system, and when transferring the vehicle, give all accompanying materials to the new owner.
- Accessories such as mobile phone bracket, cup, ashtray, are not allowed to be installed on the airbag trim cover or within the airbag deployment range. Otherwise, in the event of an accident, with the deployment of the airbag, these items may also cause harm to human body.

Airbag maintenance

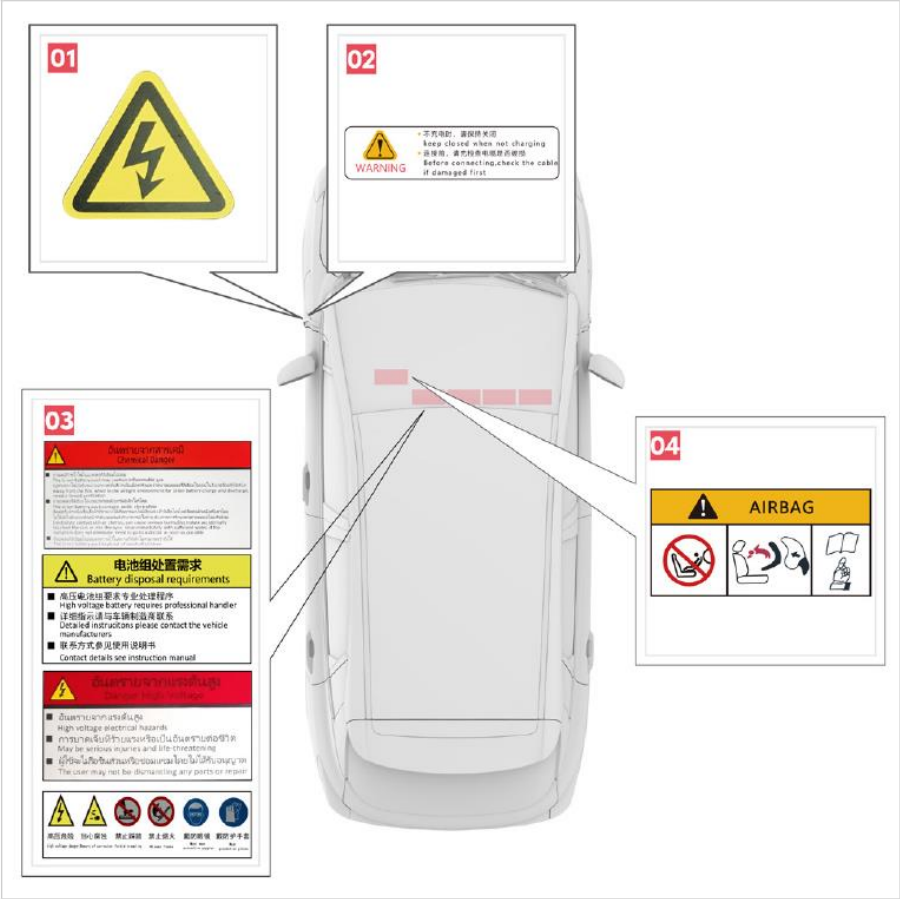
Please contact the Neta city partner in time when the following situations occur.

1 The airbag has been deployed.

2 The collision with the vehicle has not cause the airbag to be deployed. The airbag cover has been scratched, cracked or otherwise damaged.

3 The airbag warning light on the instrument panel is always on.

Safety labels



01 : Charging inlet warning label - pasted on the inner cover of charging inlet, and visible after the charging inlet outer cover is opened.

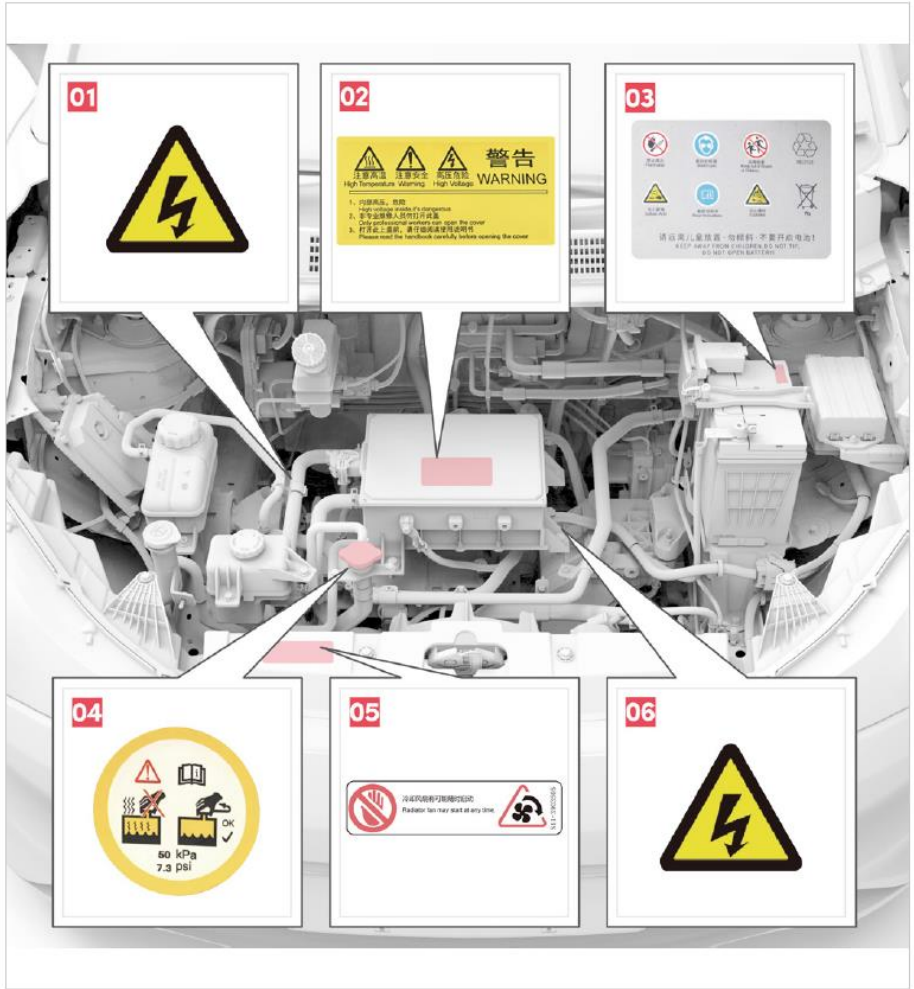
02 : Charging warning label - pasted on the inner side of charging inlet outer cover, and visible after the charging inlet outer cover is opened.

03 : Traction battery warning label - pasted at the front of the upper surface of the traction battery.

04 : Airbag warning label - pasted at the inside and outside of the front passenger's sun visor.

NOTE

- The appearance and position of the labels are generally shown on the left.
- For details, refer to the actual labels.



01 : Drive motor warning label - pasted on the surface of the drive motor side end cover.

02 : AC charger warning label - pasted on the surface of AC charger.

03 : Low voltage battery warning label - pasted on the upper surface of low-voltage battery, and visible after the hood is opened.

04 : High coolant temperature label - pasted on the upper surface of the radiator cover.

05 : Cooling fan warning label - pasted on the upper part of the motor compartment upper beam, and visible after the hood is opened.

06 : Motor control unit warning label - pasted on the upper surface of the drive motor control unit.

NOTE

- The appearance and position of the labels are generally shown on the left.
- For details, refer to the actual labels.

Instrument panel

Data information and icons

Information description:

01: Five-door status and radar ranging

When any door or liftgate is opened, the corresponding white door will be displayed in the instrument panel; when any door or liftgate is closed, the corresponding white door in the instrument panel will not be displayed.

Radar indication rules:

Indication	Distance to detected obstacle
One wave	< 0.5m
Two waves	0.5m~0.9m
Three waves	0.9m~1.2m
Four waves	1.2m~1.5m
No wave	< 1.5m

02: Gear position indication

Indication: R, N, D, S, P. Gear shifting (Refer to Gear positions, page 31).

03: Current vehicle speed

04: Power meter indication

Indication	Power
1 white grid	≥ 11kw
2 white grid	≥ 22kw
3 white grid	≥ 33kw
4 white grid	≥ 44kw
5 white grid	≥ 55kw
1 green grid	< 0kw
2 green grid	< -17kw

05: Cruising speed

06: SOC

07: Odometer

08: Trip

Distance traveled since the trip meter was last reset.

Reset the trip meter (Refer to Assisted driving, page 36).

09: Remaining range

10: Time

11: Outdoor temperature

12 : Driving data interface (current interface by default)

This interface displays: current, voltage, average power consumption, instantaneous power consumption and rpm.

Driving data interface switching (Refer to Assisted driving, page 36).

Function indicator lights and meanings (green, blue)

Energy recovery intensity: The energy recovery indicator light is always on.

Braking energy recovery intensity adjustment (Refer to Braking, page 33).

Position light: The indicator light comes on when the position light is turned on.

Position light on and off (Refer to Lighting, page 38).

Auto headlight: The indicator light comes on when the auto headlight is turned on.

Auto headlight on and off (Refer to Lighting, page 38).

High beam: The indicator light comes on when the high beam is turned on.

High beam on and off (Refer to Lighting, page 38).

Low beam: The indicator light comes on when the low beam is turned on.

Low beam on and off (Refer to Lighting, page 38).

Left turn signal and hazard warning light: When the left turn signal light switch is turned on, the left turn signal light will come on, accompanied by chimes. Turn signal light on and off (Refer to Lighting, page 40).

READY Ready for driving: The indicator light comes on when the high voltage supply is turned on.

Right turn signal and hazard warning light: When the right turn signal light switch is turned on, the right turn signal light will come on, accompanied by chimes. Turn signal light on and off (Refer to Lighting, page 40).

E-pedal E-pedal working indicator light: It comes on when the integrated pedal mode is turned on.

Integrated pedal mode on and off (Refer to Braking, page 34).

Cruise control indicator light: It comes on when the cruise control system is turned on.

Cruise control (Refer to multifunctional steering wheel, page 36).

AUTO HOLD Auto hold indicator light:

It comes on when the auto hold function is turned on (Refer to Braking, page 35).

Warning lights and their meaning (yellow)

Rear fog light: it comes on when turned on.

Rear fog light on and off (Refer to Lighting, page 40).

Vehicle maintenance indicator light: it comes on when the vehicle reaches the maintenance mileage or time.

Tire pressure indicator light: it comes on when the tire pressure is abnormal.

Tire pressure reset (Refer to Assisted driving, page 35).

Low traction battery indicator light: it comes on when the traction battery power is not greater than 20%.

ESP OFF indicator light: it comes on when the ESP is deactivated (Refer toInstructions for use of in-vehicle infotainment system assembly (central control screen), page 61).

ESP fault indicator light: it comes on when the ESP is faulty.

Electro-hydraulic brake system fault indicator light: it comes on when the electro-hydraulic brake system is faulty.

Traction battery disconnect indicator light: it comes on when the traction battery is disconnected.

Power reduction indicator light: it comes on when the vehicle power is limited.

ABS fault indicator light: it comes on when the ABS is faulty.

Traction battery maintenance indicator light: it comes on when the traction battery needs maintenance.

EPS fault indicator light: it comes on when the EPS is faulty.

Speed limit warning light: Turn on the speed limit reminder switch on the central control screen and set the speed limit. When the speed limit is reached, the light comes on (Refer to Instructions for use of in-vehicle infotainment system assembly (central control screen)

,page 60).

Towing mode indicator light: it comes on when the towing mode is enabled (Refer to Instructions for use of in-vehicle infotainment system assembly (central control screen)page 61).

Warning lights and their meaning (red)

12V battery charging/discharging indicator light: it comes on when the 12V battery has a charging/discharging fault.

Jump start (Refer to Jump start, page 91).

Gear disengagement reminder indicator light: it comes on and an audible reminder is given when a gear is not engaged according to the normal logic.

Gear position operation (Refer to Gear positions, page 31).

Charging cable connection indicator light: it comes on when the charger is connected to the vehicle.

Charger connection (Refer to Charging operation, page 67).

Insulation fault indicator light: it comes on when an insulation fault occurs in the vehicle.

Key detection failure indicator light: it comes on when no key is detected.

Driver's seat belt indicator light: it comes on when the driver's seat belt is not fastened; on the contrary, it goes out. When the vehicle speed is greater than 10 km/h, if the seat belt is not fastened, there will be an audible alarm.

Brake system fault indicator light: it comes on when the brake fluid level is low or the brake booster system is faulty.

Cruise control fault indicator light: it comes on when the cruise control is faulty.

Cruise control (Refer to multifunctional steering wheel, page 36).

Vehicle system fault indicator light: it comes on when the vehicle system is faulty.

EPB indicator light: it comes on when the EPB works; on the contrary, it goes out. EPB (Refer to Parking, page 34).

Thermal diffusion indicator light: it comes on when the internal temperature of the traction battery rises too fast and there is a risk of thermal runaway.

SRS warning light: it comes on when the SRS is faulty.

Traction battery fault indicator light: it comes on when the traction battery is faulty.

MCU overheat warning light: it comes on when the MCU overheats.

Electric drive system fault indicator light: it comes on when the electric drive system is faulty.

Preparations and inspections before use of vehicle

To ensure your safety, please check the followings before each use of the vehicle.

- Check whether the vehicle is powered on and off normally.
- Check whether the vehicle lighting system is normal.
- Check whether each tire has abnormal wear and whether the tire pressure conforms to the specified value (Refer to Tire parameters, page 97).
- Check the status of the seat belt.
- Check whether the brake fluid level meets the standard (Refer to Brake fluid, page 71).
- Check whether the coolant level meets the standard (Refer to Coolant fluid, page 72).
- Always keep the warning triangle and reflective vest in the vehicle (Refer to Driver's tools, page 88).

Please make sure that all the requirements above are met; otherwise, your driving safety will be affected. If you need help, please contact a Neta city partner in time.

Poweron and poweroff

Switch-on of low-voltage power supply

Operation steps:

1 Unlock the door (Refer to Key, page 04).

2 Open the right front door.

3 The low-voltage power supply of the vehicle is switched on automatically.

NOTE

- When starting the vehicle with the mechanical key, place the mechanical key at the designated position of console (red area in the figure below) within five minutes after the right front door is opened. If the mechanical key is not placed at the designated position of console within five minutes, the vehicle will automatically disconnect the low-voltage power supply after switching it on for five minutes.
- If the mechanical key is placed at the designated position of console five minutes after the left front door is opened, you need to close and open the left front door once to switch on the low-voltage power supply again.

Switch-on of high-voltage power supply

Operation steps:

1 The low-voltage power supply of the vehicle has been switched on.

2 With the remote control key in the vehicle or the mechanical key at the designated position, depress the brake pedal.

3 Engage D/S/R gear, after which the high-voltage power supply will be switched on and the indicator light READY on the instrument panel will come on.

Switch-off of vehicle power supply

Method 1:

1 After the vehicle is parked steadily, depress the brake pedal, shift the gearshift lever to P position (Refer to Gear positions, page 32).

2 Get out of the vehicle with the key carried.

3 After the vehicle is locked, the high-voltage power supply and low-voltage power supply will be disconnected automatically.

Method 2:

1 After the vehicle is parked steadily, depress the brake pedal, shift the gearshift lever to P position.

2 Power off the vehicle through the central control screen (Refer to Instructions for use of in-vehicle infotainment system assembly (central control screen), page 47).

CAUTION

- Before leaving the vehicle, disconnect the high-voltage power supply and low-voltage power supply of the vehicle.

Gear positions

When the Neta V is stationary, the brake pedal must be depressed to switch gears.

Preparations for vehicle driving

Operation steps:

1 The low-voltage power supply of the vehicle has been switched on.

2 With the remote control key in the vehicle, depress the brake pedal.

3 Engage D/S/R gear, after which the vehicle will be started and the indicator light READY on the instrument panel will come on.

4 Slowly release the brake pedal and gently depress the accelerator pedal to drive the vehicle.

CAUTION

- The vehicle follows the braking priority principle: assuming the accelerator pedal is jammed suddenly during driving, if the driver depresses the brake pedal in an emergency, the braking will take precedence and the vehicle's power output will be limited.

Gear description

- N: Neutral
- D: Drive
- S: Sport (forward gear)
- R: Reverse
- P: Parking

CAUTION

- Before leaving the vehicle, disconnect the high-voltage power supply and low-voltage power supply of the vehicle.

D (Drive)/S (Sport) gear

Depress the brake pedal and shift the gearshift lever downwards to the limit to engage D/S gear.

D/S gear shifting (Refer to Instructions for use of in-vehicle infotainment system assembly (central control screen), page 60).

R (Reverse) gear

Depress the brake pedal and shift the gearshift lever upwards to the limit to engage R gear.

N (Neutral) gear

When the gearshift lever is set to D/S gear, depress the brake pedal, and turn the gearshift lever upward once to engage N gear.

When the gearshift lever is set to R gear, depress the brake pedal, and turn the gearshift lever downward once to engage N gear.

When the gearshift lever is set to P gear, depress the brake pedal, and turn the gearshift lever downward once to engage N gear.

P (Parking) gear

Refer to Parking, page 34.

NOTE

- When D/S or R gear is engaged successfully, the indicator light READY on the instrument panel comes on.
- When the accelerator pedal and brake pedal are depressed at the same time, the braking takes precedence.

Steering

Electric power steering

The electric power steering (EPS) works only when the vehicle is started. It performs the power steering through the motor, and automatically adjusts the steering effort according to the vehicle speed, steering torque and steering wheel angle.

The EPS has the advantages of simple structure and energy saving. Compared with the traditional hydraulic power steering system, the EPS needs energy only during actual steering. This working mode of on-demand power utilization can reduce the power loss.

CAUTION

- The steering wheel in the limit position for a long period of time will result in a weaker effect of steering effort and a greater hand force of the driver

Braking

Anti-lock braking system (ABS)

The ABS can prevent the wheels from being locked during braking. The ABS is mainly used to improve the active safety during driving. The ABS automatically adjusts the brake pressure of each wheel. Before a wheel is about to be locked, its brake pressure is automatically reduced, and then increased until the wheel is about to be locked. The brake pressure can be adjusted up to 12 times every second, but the ABS cannot be expected to reduce the braking distances in all situations. For example, the braking distance may be long during driving on a sandstone road or a smooth road covered with fresh snow, even during slow driving.

The fact that a vehicle is equipped with ABS does not justify dangerous driving behaviors. In all cases, the driver is responsible for maintaining a safe distance and taking full account of weather and traffic conditions.

Warning

- Braking at a high speed on a curve or a wet and slippery road can cause loss of control to the vehicle and dangerous accident thereafter, because the physical limit of the vehicle cannot be overcome even if the vehicle is equipped with ABS.

Working mode of ABS

When the ABS is working, you can feel the brake pedal jitter, accompanied by running noise, which is normal. If the speed of one wheel is lower than that of the vehicle and it tends to be locked, the ABS will reduce the brake pressure on this wheel.

⚠ Warning

- The ABS can work at full capacity only when appropriate tires are installed.
- Do not depress the brake pedal repeatedly under any circumstances, as this will interrupt the operation of the ABS and may increase the braking distance.

Electro-hydraulic brake (EHB)

The electro-hydraulic brake (EHB) substitutes the traditional vacuum servo brake, and can respond to the driver's signal requirements and achieve basic brake assist and other functions. The EHB can reduce the driver's braking burden, while improving the braking efficiency and safety.

Electronic stability control (ESC)

ESC can improve the driving stability of the vehicle. For example, it can reduce the danger of the vehicle slipping during acceleration and cornering.

ESC function switch

The ESC can be activated or deactivated via the central control screen (Refer to Instructions for use of in-vehicle infotainment system assembly (central control screen), page 61).

The ESC can be disabled in special cases, such as

1 When the vehicle travels with tire chains.

2 When the vehicle travels on roads covered with deep snow or on soft grounds.

3 When the vehicle is trapped on muddy roads, and you need to move it back and forth.

⚠ Warning

- The electronic stability control (ESC) has certain limitations on the stability control of the vehicle. Even if the vehicle has an ESC, the driving mode should be adjusted at any time depending on the road conditions and traffic conditions. This is especially important for driving on smooth and wet roads. Do not carry out risky driving because this system improves vehicle stability, otherwise there is a danger of accidents!

Braking energy recovery

The vehicle has the braking energy recovery function, which can convert the kinetic energy generated during driving into electric energy stored in the traction battery to improve the vehicle range during braking or coasting. The energy recovery intensity is divided into three levels: high, medium and low, and the corresponding indicator light on the instrument panel will show 3, 2 and 1, which can be selected according to your driving style.

Recovery intensity adjustment:

Refer to Instructions for use of in-vehicle infotainment system assembly (central control screen), page 47.

Integrated pedal mode

The vehicle has the integrated pedal mode, which only needs to control the accelerator pedal to achieve operations such as start, acceleration and deceleration (braking).

The braking effect is related to the braking energy recovery level. The higher the braking energy recovery level, the higher the energy recovery speed and the more obvious the braking effect.

The integrated pedal mode can be set to “Crawl Control” and “Parking”.

Crawl Control mode: the vehicle gradually decelerates to low speed after the accelerator pedal is completely released.

Parking mode: the vehicle gradually decelerates to stop after the accelerator pedal is completely released.

When the integrated pedal mode is enabled, the indicator light on the instrument panel comes on; when it is disabled, the indicator light on the instrument panel goes out.

Integrated pedal mode on:

Refer to Instructions for use of in-vehicle infotainment system assembly (central control screen), page 61.

Parking

Parking brake (EPB)

Application of parking brake

Method 1:

1 After the vehicle is parked steadily, depress the brake pedal and reduce the vehicle speed to 0km/h.

2 Press the EPB switch to activate the EPB. After this, the parking brake is applied, and the indicator light on the instrument panel goes on.

Method 2:

1 After the vehicle is parked steadily, depress the brake pedal and reduce the vehicle speed to 0km/h.

2 Press the electronic parking brake switch on the central control screen (Refer to Instructions for use of in-vehicle infotainment system assembly (central control screen), page 63) to activate the EPB. After this, the parking brake is applied, and the indicator light on the instrument panel goes on.

Release of parking brake

1 First depress the brake pedal and start the vehicle (Refer to Poweron and poweroff, page 30).

2 Press the electronic parking brake switch on the central control screen (Refer to Instructions for use of in-vehicle infotainment system assembly (central control screen), page 63), and release the parking brake, after which the indicator light on the instrument panel goes out.

NOTE

- The switch on the side of the gearshift lever can only apply the parking brake, but cannot release the parking brake. To release the parking brake manually, click the virtual switch on the central control screen.
- If the brake pedal fails, the emergency braking can be activated by pressing and holding the EPB switch for more than 1s. When the vehicle speed is less than 5km/h, the vehicle can be stopped directly via emergency braking; when the vehicle speed is greater than 5km/h, pressing and holding the EPB switch is equivalent to the effect of depressing the brake pedal.
- The emergency braking is an operation in an emergency. Do not use the emergency braking for deceleration when the brake pedal works normally.

Automatic release of parking brake

After the vehicle is started, fasten the driver's seat belt, and close all the doors.

Depress the brake pedal, engage “D/S” gear, and depress the accelerator pedal. After this, the vehicle releases the parking brake automatically.

Warning

- When the vehicle is parked, be sure to activate the EPB to prevent dangerous accidents such as vehicle sliding.

AUTO HOLD

The AUTOHOLD function refers to that after the vehicle decelerates and stops during driving, there is no need to continue depressing the brake pedal or shift to "P" gear, and the system will keep D gear and brake by itself. In this case, if the accelerator pedal is depressed again, the AUTO HOLD function is deactivated, and the vehicle moves forward.

CAUTION

- The AUTOHOLD function can be activated only when “all doors are closed” and “the driver’s seat belt is fastened”.

  When the above conditions are not met, the vehicle will deactivate the AUTOHOLD function.
- The AUTOHOLD function is deactivated automatically after R gear is engaged, and activated automatically when D gear is engaged again and the vehicle speed exceeds 10km/h.

Execution status

When the vehicle is set in drive position and the vehicle speed is greater than 0km/h, depress the brake pedal; when the vehicle speed drops to 0km/h, release the brake pedal. After this, the vehicle executes AUTOHOLD, and the AUTOHOLD indicator light AUTO HOLD on the instrument panel display comes on.

Activating and deactivating AUTO HOLD:

Refer to Instructions for use of in-vehicle infotainment system assembly (central control screen), page 63.

Assisted driving

Tire pressure monitoring

When the tire pressure is abnormal, the tire pressure indicator light on the instrument panel will come on to remind you to check the tire pressure as soon as possible and replenish the tire pressure if necessary.

When the tire pressure is too low, the tire pressure can be replenished via the tire sealant (Refer to Driver’s tools, page 89).

After the tire is repaired or the tire pressure returns to normal, the indicator light can be turned off via the tire pressure reset button.

Tire pressure reset:

Refer to Instructions for use of in-vehicle infotainment system assembly (central control screen), page 60.

Standard tire pressure:

220±10kpa (no load); 220±10kpa (full load)

Pedestrian warning system

Due to the relatively low noise of a battery electric vehicle during low speed driving, it is difficult for surrounding pedestrians to discover the vehicle. To minimize safety hazards caused by the silent driving of electric vehicles, the pedestrian prompt device emits a warning sound during driving at a low speed of 0km/h~20km/h. The volume and frequency of forward driving sound gets greater with increased vehicle speed, and smaller with decreased vehicle speed; the sound fades out after the vehicle speed exceeds 20km/h, and disappears completely when the vehicle speed exceeds 30km/h. The sound also fades in during deceleration.

Pedestrian prompt device switch:

Refer to Instructions for use of in-vehicle infotainment system assembly (central control screen), page 63.

HHC

When the vehicle is stopped on a slope, shift to D gear, and release the brake pedal. After this, the vehicle will activate the anti-sliding function to stabilize the vehicle on the road. After the driver depresses the accelerator pedal, the vehicle starts to move forward when the drive motor torque is enough to overcome the gradient resistance.

NOTE

- When the brake is released, the vehicle slides backward for a short time, which is normal.

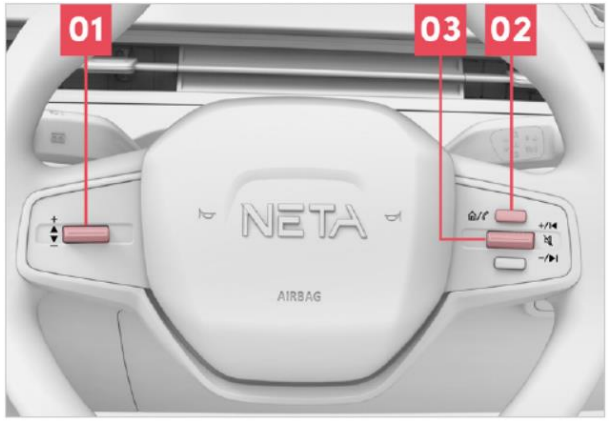
ECU interface switching/trip meter reset

Refer to Instructions for use of in-vehicle infotainment system assembly (central control screen), page 59.

Multifunctional steering wheel

Models equipped with a multifunctional steering wheel can achieve functions such as cruise control and control of central control screen through the buttons. The multifunctional steering wheel can achieve efficient control operations while ensuring safe driving.

Introduction to buttons



01 : Left lever

02 : HOME button/Bluetooth call

03 : Right lever

Cruise control

Cruise control is a system that automatically keeps the vehicle traveling at a constant speed. When the cruise control is used during long-distance driving on an expressway, the driver can keep the vehicle traveling at the set speed without depressing the accelerator pedal, thus reducing driver fatigue and improving driving comfort.

Cruising start

If the gearshift lever is turned downward to the limit, the vehicle enters the cruise control mode, and takes the current vehicle speed as the cruising speed. The cruise control indicator light on the instrument panel comes on, and the set cruising speed is displayed (Refer to instrument panel, page 26).

NOTE

- The cruise control can be activated only when the vehicle speed is not lower than 60km/h.

Acceleration in cruise control mode

In cruise control mode, turn the left lever 01 upward.

Each time it is pressed, the vehicle speed increases by 1km/h;

If it is pressed and held, the vehicle will accelerate rapidly. When the lever is released, the vehicle cruises with the speed at the time of release as the target speed.

Deceleration in cruise control mode

In cruise control mode, turn the left lever 01 downward.

Each time it is pressed, the vehicle speed decreases by 1km/h;

If it is pressed and held, the vehicle will decelerate rapidly. When the lever is released, the vehicle cruises with the speed at the time of release as the target speed.

Canceling cruise control

In cruise control mode, if the gearshift lever is turned upward once, the cruise control will be canceled, and the cruise control indicator light on the instrument panel will go out.

Resuming cruise control

After the cruise control is deactivated, if the gearshift lever is turned downward to the limit and held for more than 1s, the cruise control is resumed, and the vehicle cruises with the current speed as the target speed.

Multimedia control

Volume up/volume down:

- When you use the radio station or music player.

Turn the lever 03 upward, and press it to increase the volume.

Turn the lever 03 downward, and press it to decrease the volume.

Mute:

Press the lever 03 to mute the multimedia.

Bluetooth call:

- When a mobile phone is connected to the vehicle Bluetooth and a call comes in.

Press the button 02 to answer the call;

Press and hold the button 02 to reject the call;

- During a call.

Press the button 02 to hang up the call.

Previous track/previous channel:

- When you use the radio station or music player.

Turn the lever 03 upward, and press and hold it to skip to the previous track/previous channel.

Next track/next channel:

- When you use the radio station or music player.

Turn the lever 03 downward, and press and hold it to skip to the next track/next channel.

HOME button:

Press the button 02 to switch the central control screen interface to the HOME interface.

Horn

Horn use

Use:

Press the button in the middle of the steering wheel to sound the horn.

Lighting

Position light, low beam and auto headlight

Position light, low beam and auto headlight on and off:

Refer to Instructions for use of in-vehicle infotainment system assembly (central control screen), page 47.

High beam

Opening:

When the low beam is on, push the lever forward to turn on the high beam. At the same time, the high beam indicator light on the instrument panel comes on.

Closing:

Pull back the lever to turn it off. At the same time, the high beam indicator light on the instrument panel goes out.

High beam flashing

Opening:

Pull the lever backward and release it to flash the high beam once. At the same time, the high beam indicator light on the instrument panel flashes once. Multiple flashes of the high beam can be achieved via multiple operations in quick succession to alert other traffic participants.

Headlight leveling

0, 1, 2 and 3 positions are for headlight leveling.

“0” position: highest position of headlight.

“3” position: lowest position of headlight.

Leveling method:

Refer to Instructions for use of in-vehicle infotainment system assembly (central control screen), page 47.

Daytime running light

Opening:

If the high-voltage power supply is switched to READY, the daytime running light will be automatically turned on.

Closing:

If the vehicle is powered off, the daytime running light will be automatically turned off.

Follow Me Home

The Follow Me Home is to keep the headlight on for a period of time after the vehicle is powered off, to provide a period of external lighting after the owner gets out of the vehicle.

Operation instruction:

Function activation, deactivation and duration setting (Refer toIn-vehicle infotainment system assembly (central control screen), page 60). When the function is activated, the vehicle headlight is automatically turned on without any other operation after the vehicle is locked.

Rear fog light

Opening and closing:

Refer to Instructions for use of in-vehicle infotainment system assembly (central control screen), page 47.

Turn signal light

Opening:

If the lever is turned downward/upward gently, the lever will return to the original position automatically.

the left/right turn signal light will flash three times. At the same time, the left/right turn signal indicator light ⬅ / ➡ on the instrument panel will flash three times, accompanied by chimes.

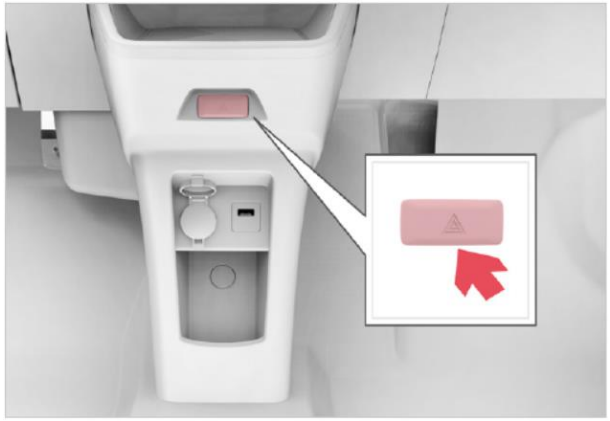
If the lever is turned downward/upward to the limit, the lever will be locked, and the left/right turn signal light will flash continuously. At the same time, the left/right turn signal indicator light ⬅ / ➡ on the instrument panel will flash continuously, accompanied by chimes.

Closing:

As the steering wheel returns to the center, the turn signal light and the turn signal indicator light ⬅ / ➡ on the instrument panel will go out automatically, and the chimes will stop. The lever will return to the original position automatically,

Turn the lever in the opposite direction to turn off the light manually.

Hazard warning light



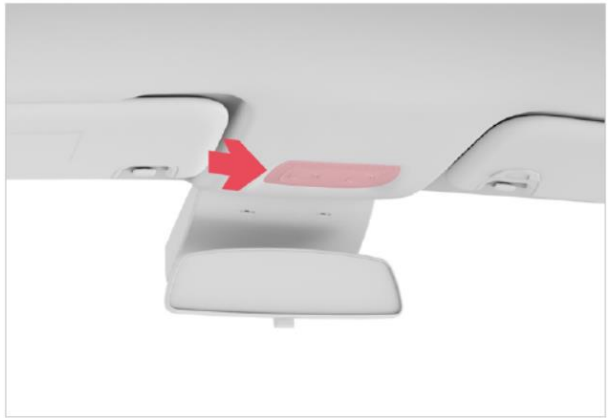
Opening:

Press the hazard warning light switch to turn it on. At the same time, the turn signal indicator light ⬅ ➡ on the instrument panel flashes continuously, accompanied by chimes, and the turn signal lights of the vehicle start flashing.

Closing:

Press the hazard warning light switch again to turn it off. At the same time, the turn signal indicator light ⬅ ➡ on the instrument panel stops flashing, the chimes stop, and the turn signal lights of the vehicle stop flashing.

Dome light



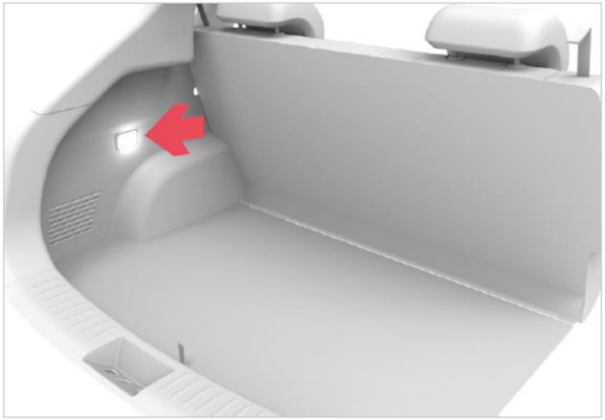
Opening:

Touch the dome light switch to turn on the dome light.

Closing:

Touch the dome light switch again to turn off the dome light.

Trunk light



Opening:

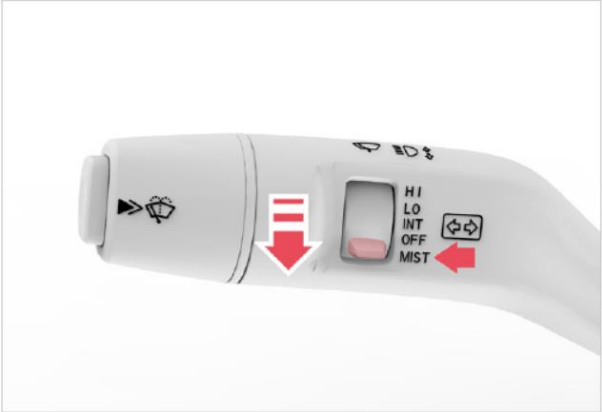
Open the liftgate to turn on the light.

Closing:

Close the liftgate to turn off the light.

Wiper/washer system

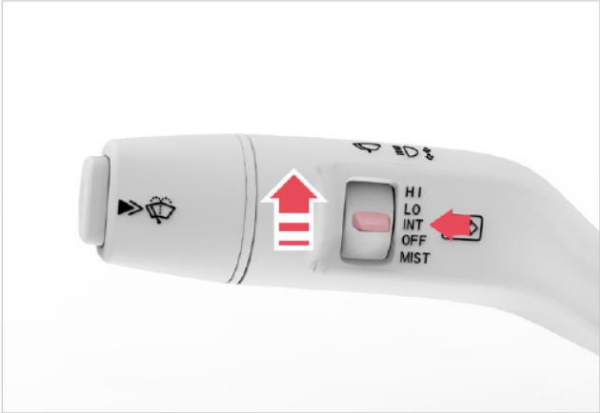
Single operation of wiper (MIST)



Opening:

Turn the lever to "MIST" position and then release the lever, after which the wiper will operate once in a reciprocating manner and the lever will automatically return to "OFF" position.

Intermittent wiping (INT)



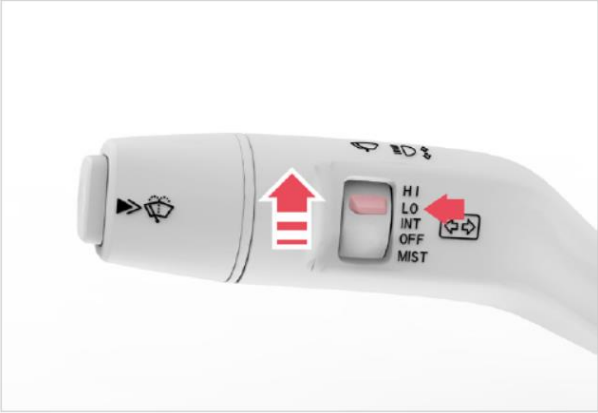
Opening:

Turn the lever to "INT" position to enable the wiper to operate intermittently.

Closing:

Turn the lever to "OFF" position to disable the wiper to operate intermittently.

Continuous wiping at low speed (LO)



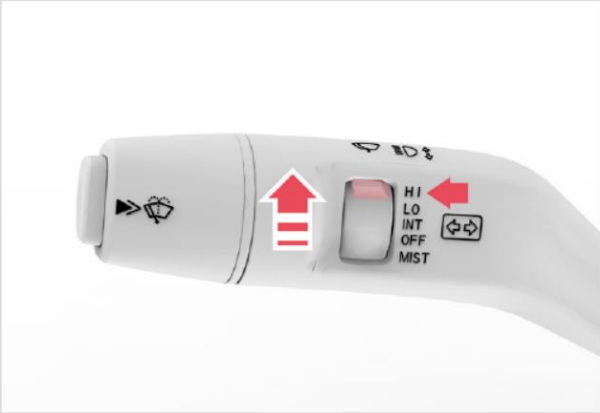
Opening:

Turn the lever to "LO" position to enable the wiper to operate at a low speed.

Closing:

Turn the lever to "OFF" position to disable the wiper to operate at a low speed.

Continuous wiping at high speed (HI)



Opening:

Turn the lever to "HI" position to enable the wiper to operate at a high speed.

Closing:

Turn the lever to "OFF" position to disable the wiper to operate at a high speed.

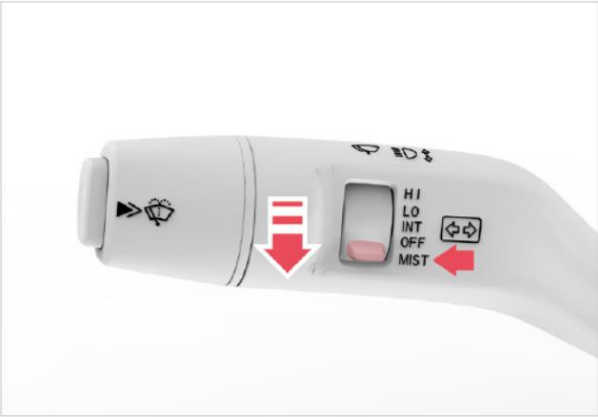
Front windshield washer

Opening:

Press the button, after which the washer sprays washer fluid;

Release the button, after which the washer stops spraying washer fluid. At the same time, the wiper operates 3 times in a reciprocating manner.

Wiper maintenance position



Maintenance position adjustment:

After the vehicle is powered off, turn the lever to "MIST" position within 30s and then release the lever, after which the wiper blade will run to the set maintenance position (i.e. limit wiping position of wiper). When the low-voltage power supply of the vehicle is switched on again, the wiper blade will return to the original position automatically.

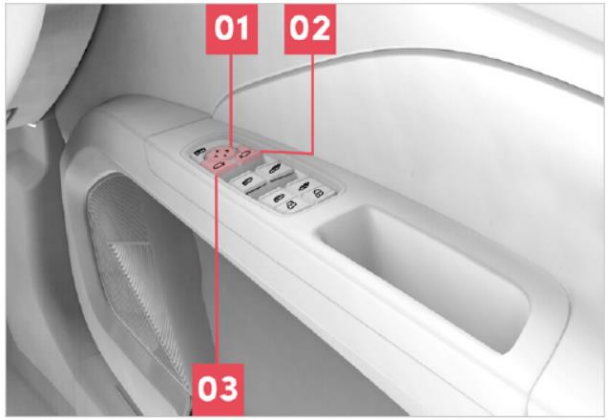
Rearview mirror

Interior rearview mirror regulation

Adjustment:

Turn the interior rearview mirror by hand to adjust it to a suitable position.

Exterior rearview mirror regulation



Left rearview mirror regulation:

1 Press the button 03, after which the red indicator light on it will come on.

2 Adjust the angle of the left exterior rearview mirror lens by operating the four direction keys (up, down, left, and right) on the button 01.

3 After the adjustment, press the button 03 again, after which the red indicator light on it will go out.

Right rearview mirror regulation:

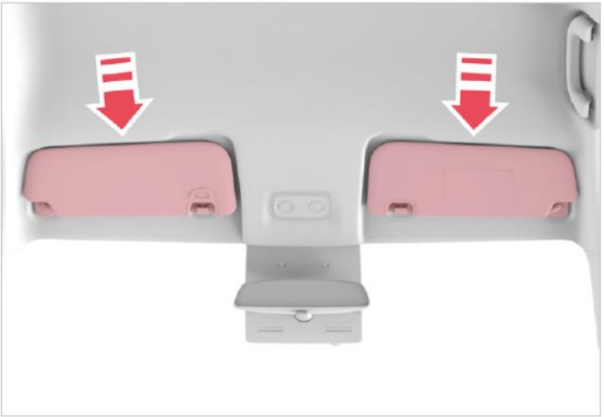
1 Press the button 02, after which the red indicator light on it will come on.

2 Adjust the angle of the right exterior rearview mirror lens by operating the four direction keys (up, down, left, and right) on the button 01.

3 After the adjustment, press the button 02 again, after which the red indicator light on it will go out.

Sun visor

Sun visor

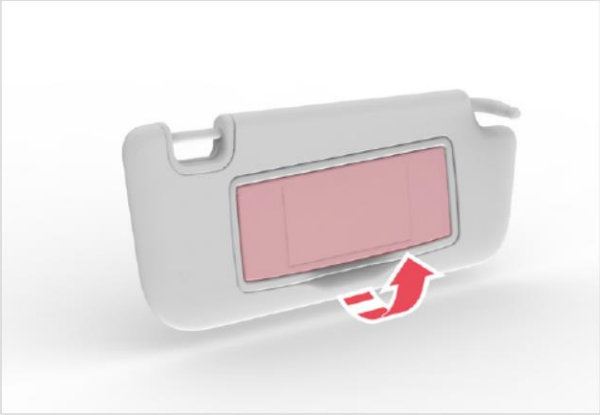


Opening:

1 Open the sun visor to a suitable position.

2 If necessary, detach the sun visor from the retaining clip and flip it to the window side to shelter from the sunlight from the side.

Vanity mirror



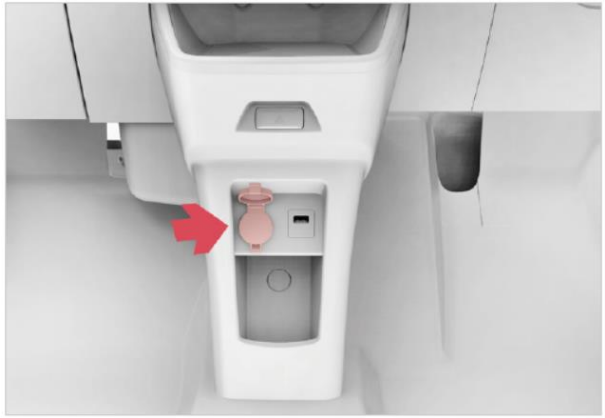
Opening:

1 Open the sun visor to a suitable position.

2 Open the vanity mirror upward.

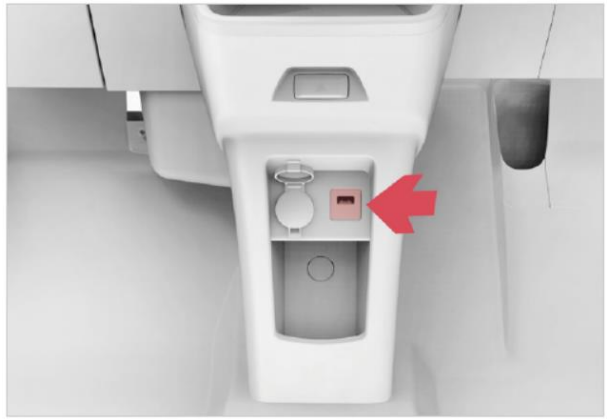
Power outlet

Power outlet



The power outlet is located at the lower part of the instrument panel, and can be connected to electrical equipment. When it is not in use, be sure to close the outlet cover.

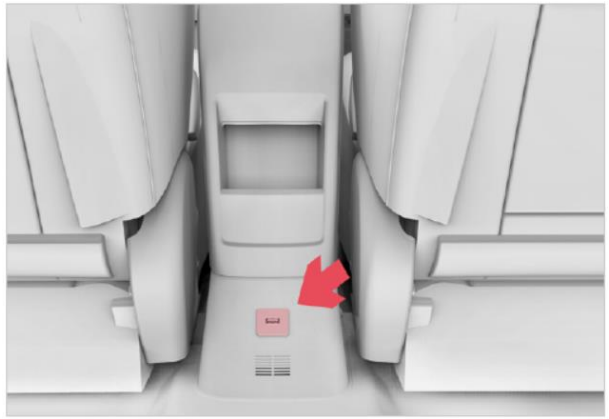
Front USB port



The front USB port is located at the lower part of the instrument panel, which supports multimedia playback and mobile phone charging.

(Refer to Instructions for use of in-vehicle infotainment system assembly (central control screen), page 49).

Rear USB port



The rear USB port is located at the rear of console, which supports mobile phone charging.

Instructions for use of in-vehicle infotainment system assembly (central control screen)

The in-vehicle infotainment system (IVI) is an in-vehicle integrated information processing system formed based on the in-vehicle dedicated central processing unit and the body bus system. IVI can realize a series of applications including multimedia (radio, audio and video playback, picture browsing, etc.), assisted driving, fault detection, vehicle information, body control, etc., which greatly improves the level of vehicle electronization and intellectualization.

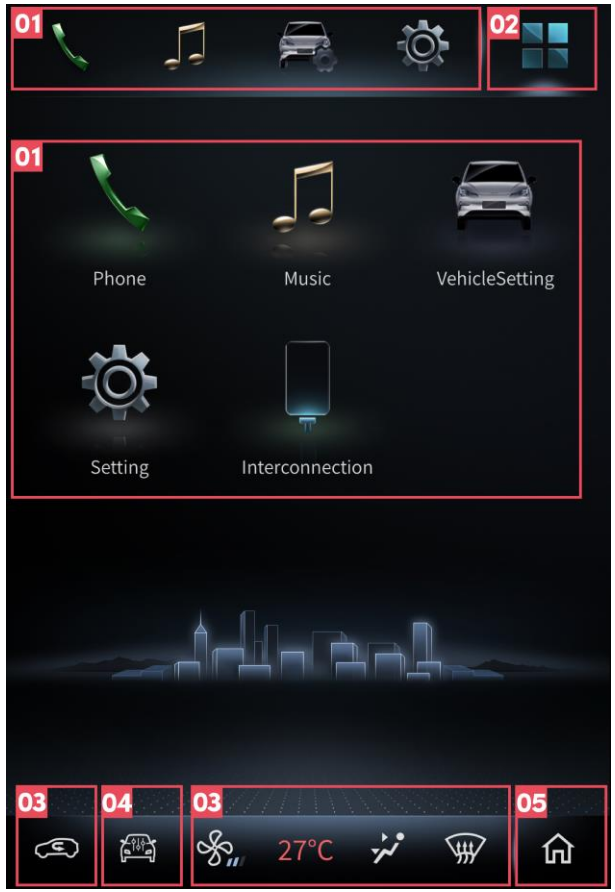
Central control screen switch

Press the button at the bottom of the central control screen to close the central control screen.

The central control screen can be re-enabled by pressing and holding the button at the bottom of the central control screen, and in case of a crash, you can try this operation.

Startup default interface

After the door is unlocked and opened, the central control screen will display the startup animation, and then enter the startup default screen.



- Startup default interface

01: Common function button area

It involves communication, local multimedia, my vehicle, system settings, and mobile phone interconnection.

02: Application

Click it to enter the all applications interface.

03: A/C control

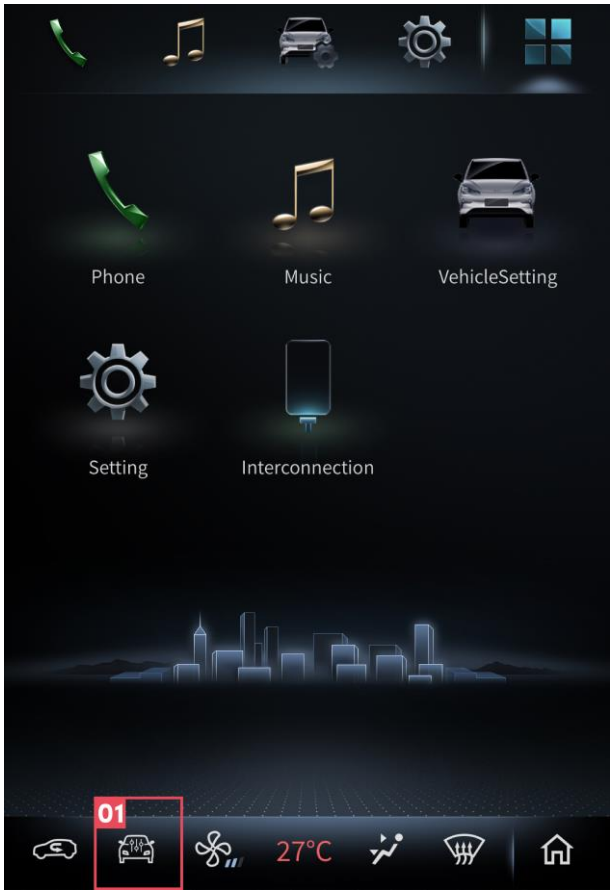
Refer to Instructions for use of in-vehicle infotainment system assembly (central control screen), page 64.

04: Vehicle control

Refer to Instructions for use of in-vehicle infotainment system assembly (central control screen), page 47.

05:Home page

Vehicle control



- Startup default interface

In the startup default interface or other interfaces, click the button 01 to enter the common switch interface.

- Common switch interface

01 : Light OFF button

02 : Position light ON button

03 : Low beam ON button

04 : Automatic headlight ON button

05 : Rear fog light ON button (low beam shall be turned on)

06 : Headlight leveling

07 : Vehicle power OFF

08 : Liftgate unlocking

09 : Energy recovery intensity settings

Local multimedia

Radio

- Radio interface

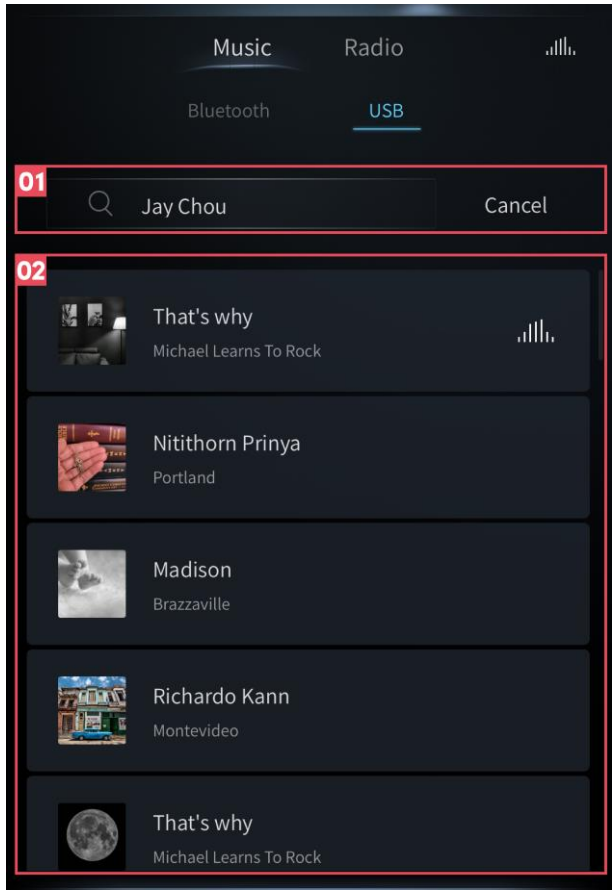
Click 01 / 02for FM/AM switching; click 03 to view favorite stations; click 04 to automatically search for stations; click 05 to view the list stations; click 06 to save stations; click 07 to view the station details.

- Station details interface

Click the icon to the right of the local music/radio toggle bar to enter the station details interface for more functions.

Operation: View station information, play/pause, previous/next track, favorites, etc.

Local music



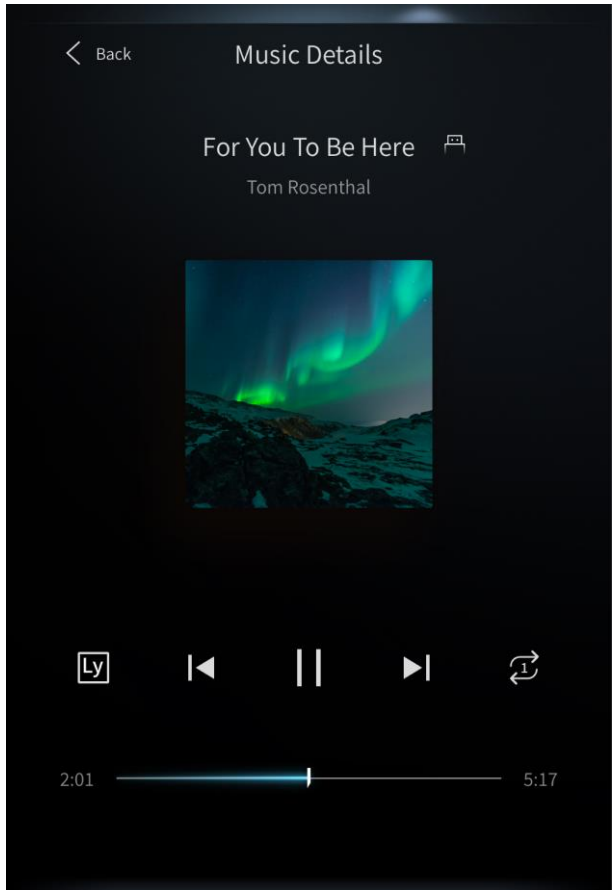
- USB music interface

01: Search

You can search for songs, artists, and album names.

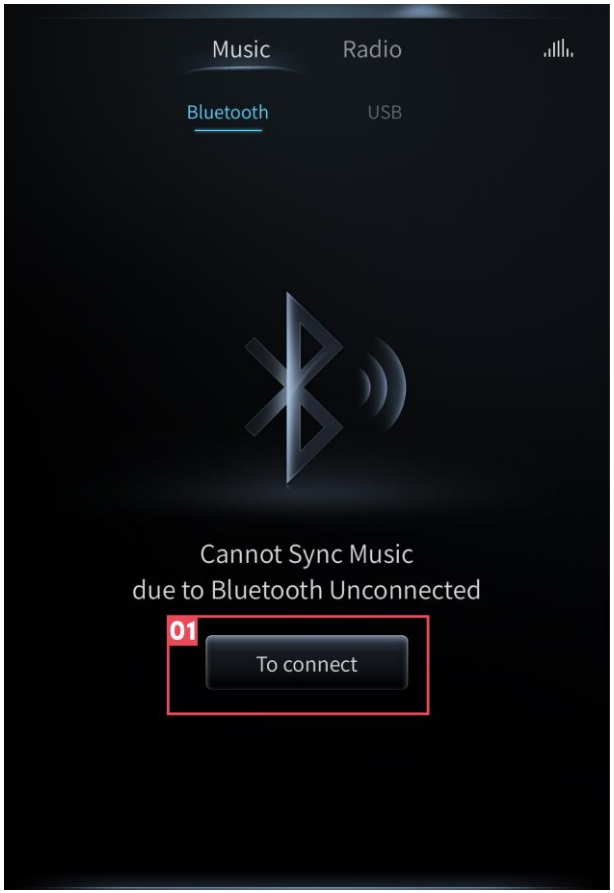
02: Playlist

Click the song name to enter the USB music details interface.



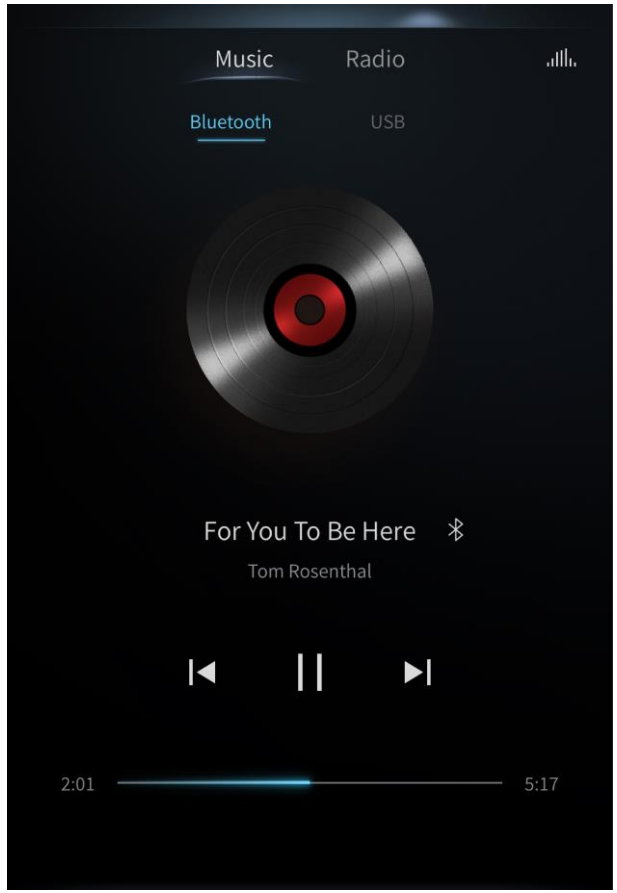
- USB music details interface

Click the song name to enter the USB music details interface. More functional operations can be performed: view song information, view lyrics, play/pause, previous/next track, play mode, adjust playback progress, etc.



- Bluetooth music not connected interface

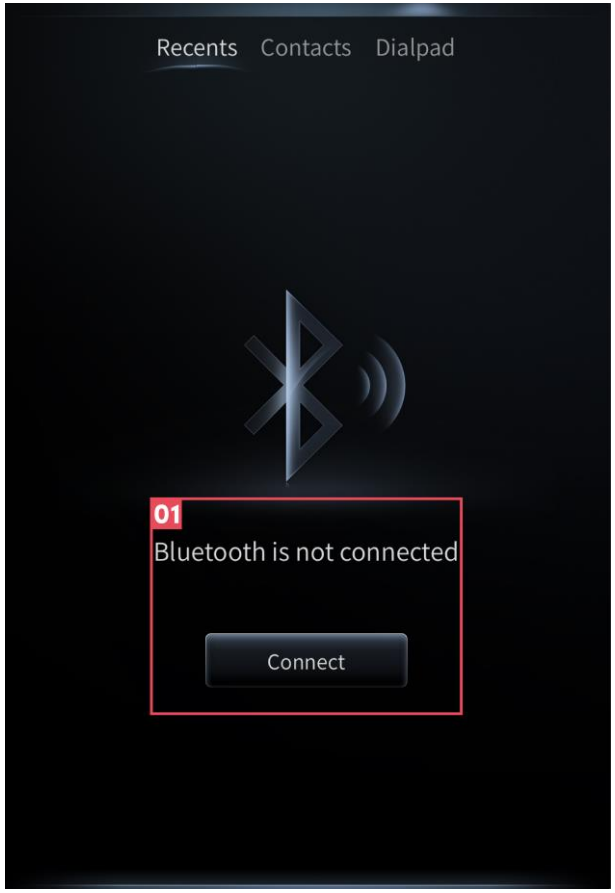
Click 01 to connect Bluetooth (Refer to Instructions for use of IVI assembly (central control screen), page 51).



- Bluetooth music interface

Communication

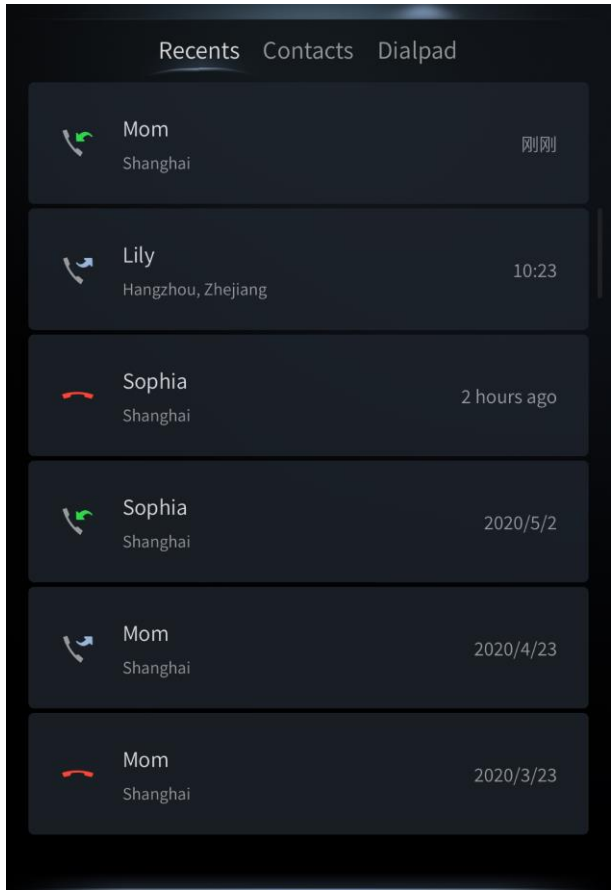
After the Bluetooth connection, the phone book can be synchronized, and calls can be made, answered and hung up through the IHU.



- Bluetooth phone not connected interface

Click 01 to connect Bluetooth (Refer to Instructions for use of IVI assembly (central control screen), page 51).

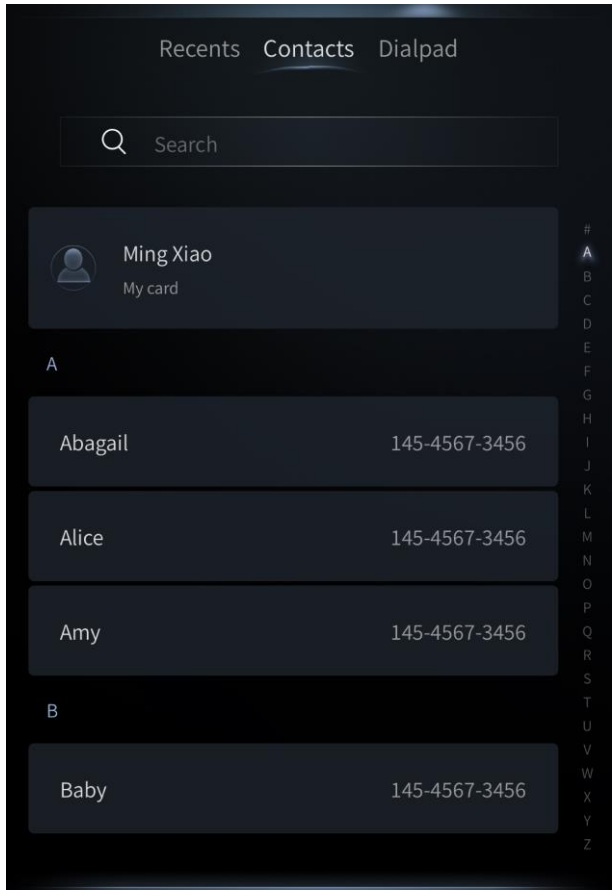
Call log



- Call log interface

After the Bluetooth connection is successful, enter the call log interface. Display the call log, and click the log entry for dialing out.

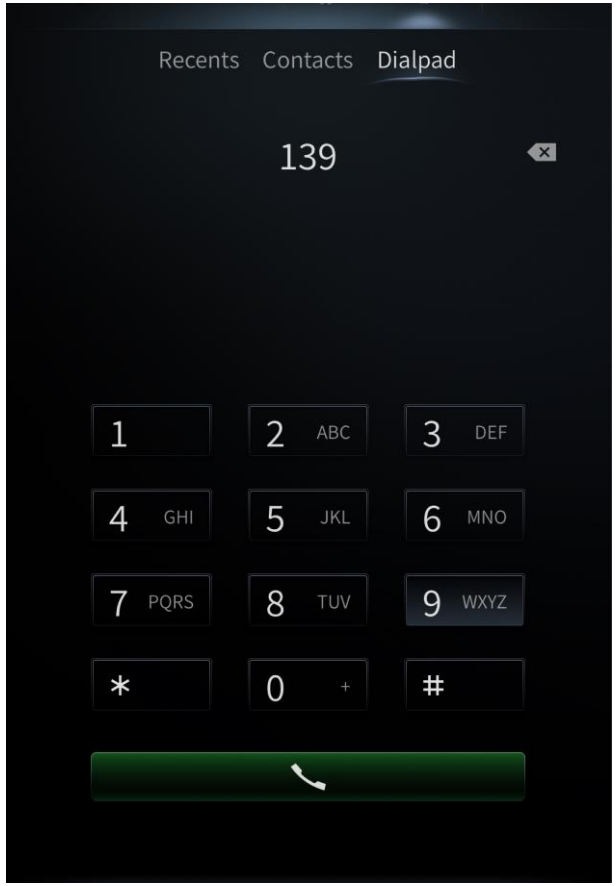
Contacts



- Contacts interface

Use the synchronization function to synchronize the phone book on the mobile phone to the IHU. You can browse up and down, and click on a contact for dialing out.

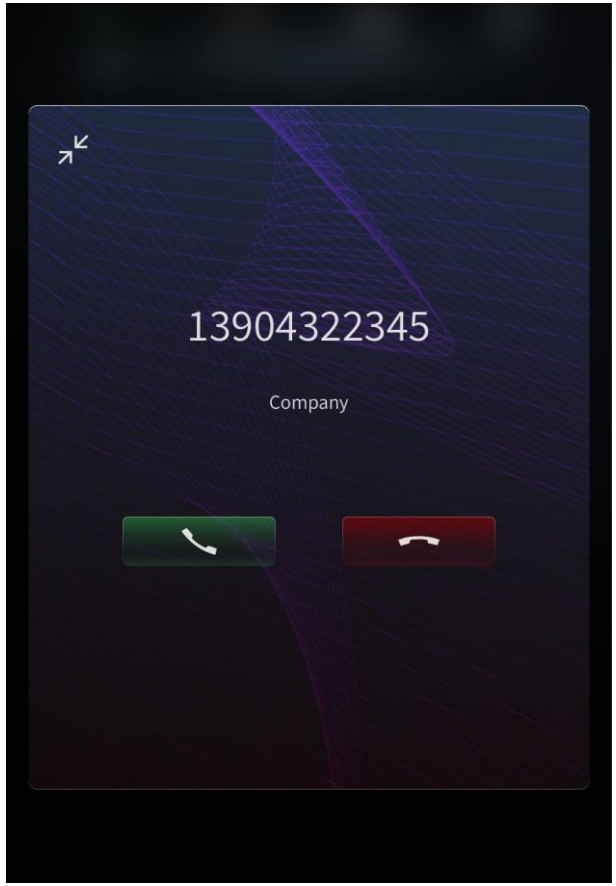
Dial plate



- Dial plate interface

Enter the phone number through the dial plate for dialing out.

Call answer

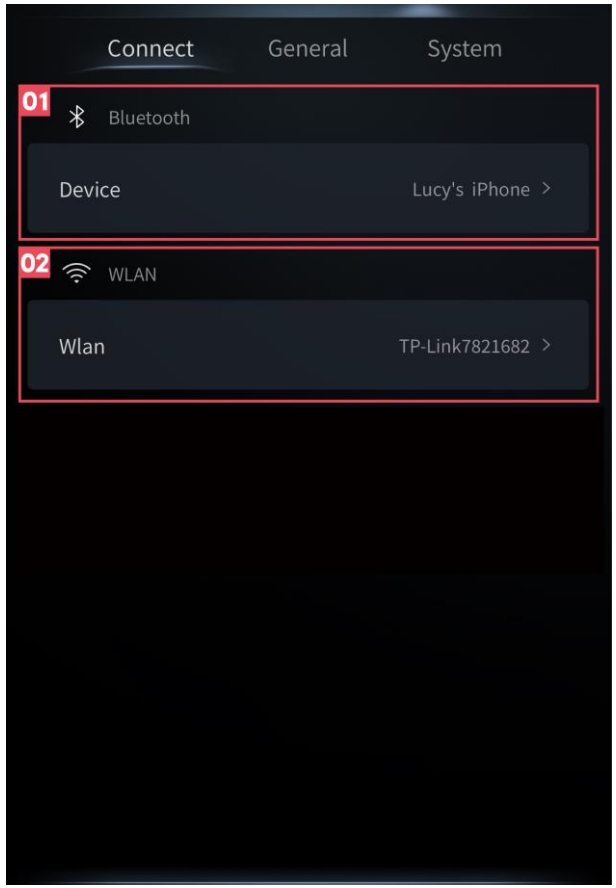


- Incoming call interface

In the incoming call interface, click the button in the pop-up box to answer or reject the call.

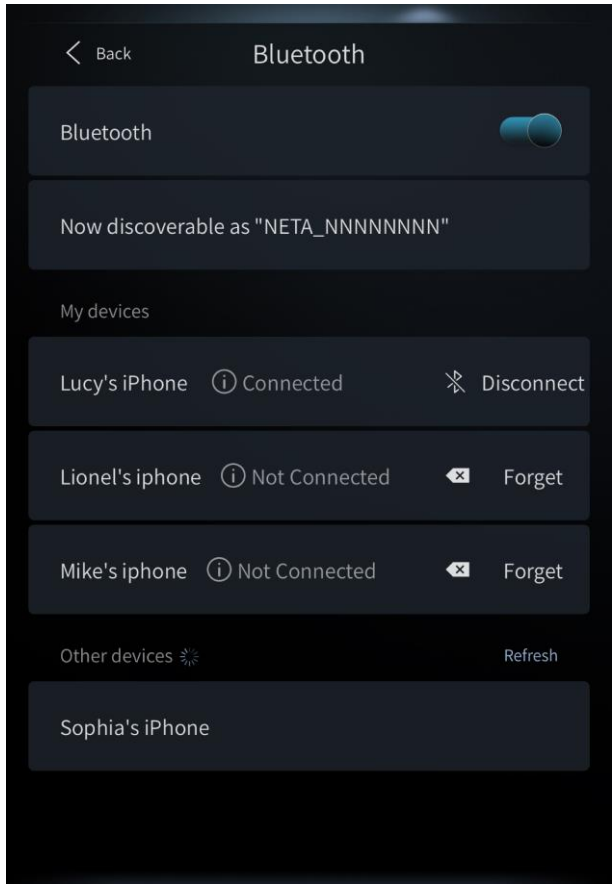
System settings

System settings include connection settings, general settings and system settings.



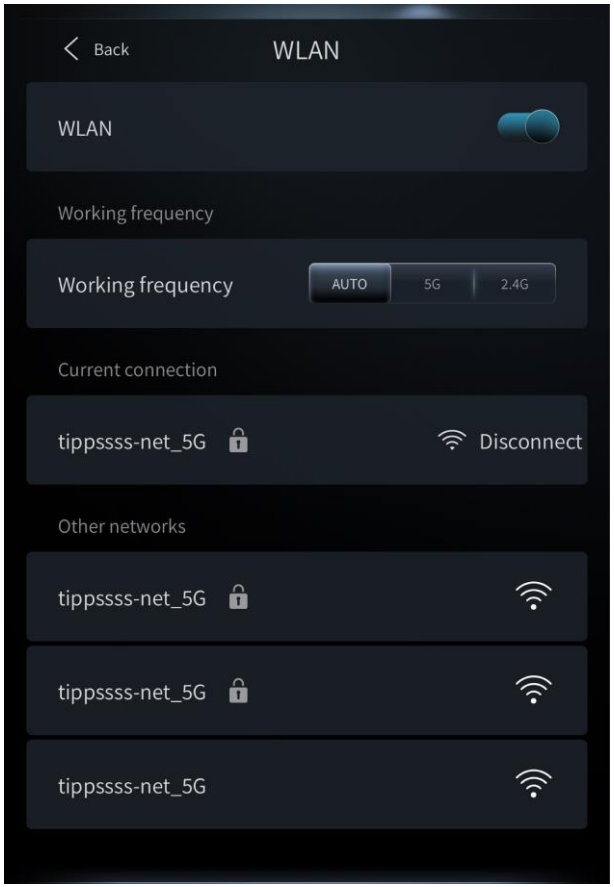
- Connection settings interface

01: Bluetooth settings; 02: Network settings



- Bluetooth settings interface

In the Bluetooth settings interface, you can turn on/off Bluetooth, view current connections, historical connections, other devices, etc.

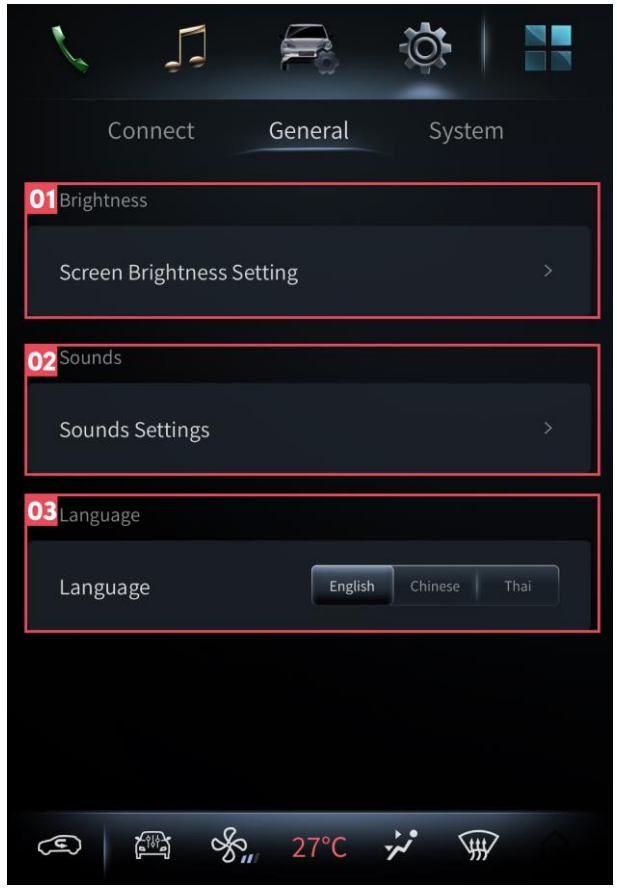


- Network settings interface

In the network settings interface, you can turn on/off Wi-Fi, select the working frequency, Wi-Fi connection, other networks, etc.

General settings

General settings include screen brightness settings, sound settings, and language settings.

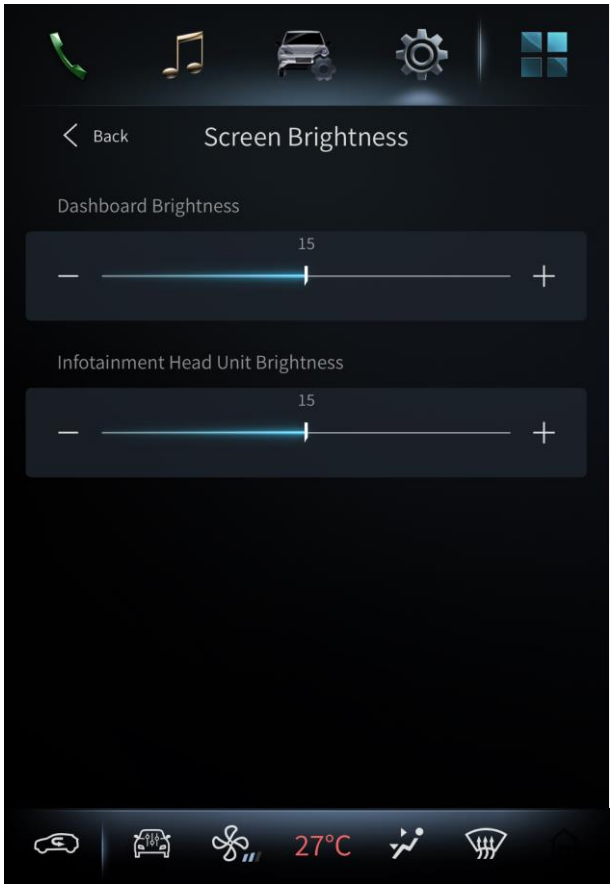


- General settings interface

01: Screen brightness settings

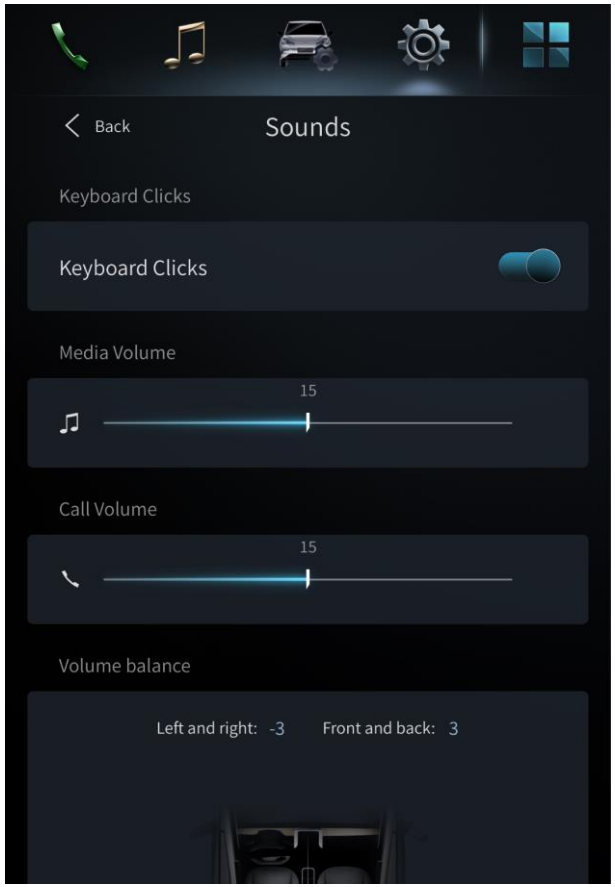
02: Sound settings

03: Language settings (English, Chinese, Thai)



- Screen brightness settings interface

In the screen brightness settings interface, you can set the brightness of the instrument cluster and of the central control screen.

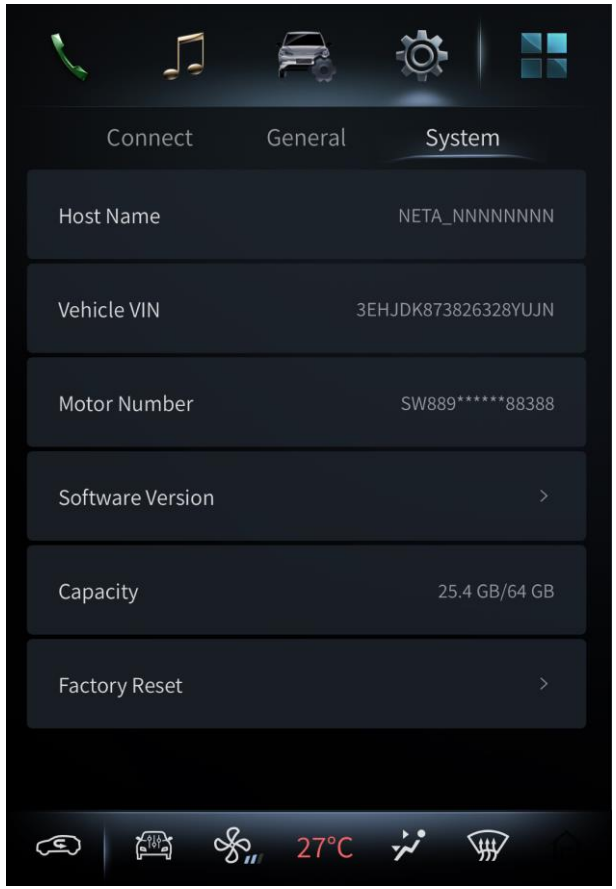


- Sound settings interface

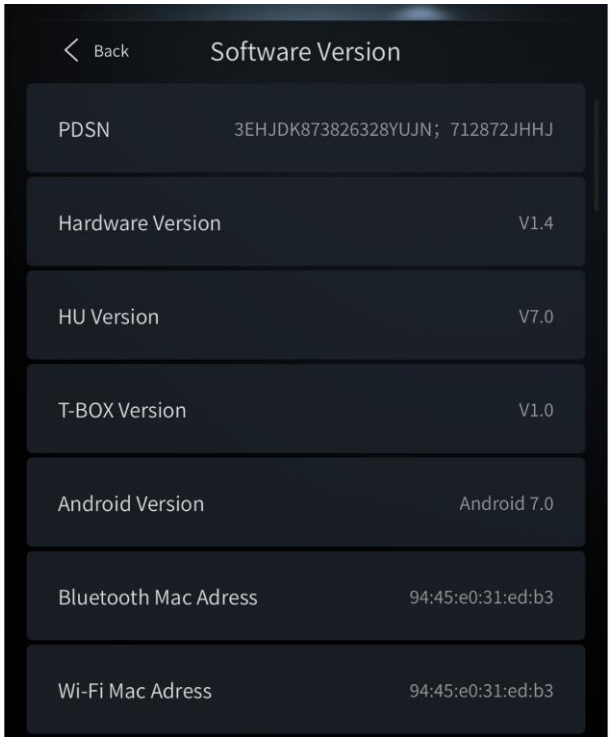
In the sound settings interface, you can set the button touch tone, multimedia volume, call volume, etc.

System settings

In the system settings interface, you can check the machine name, VIN, motor number, system version, etc.

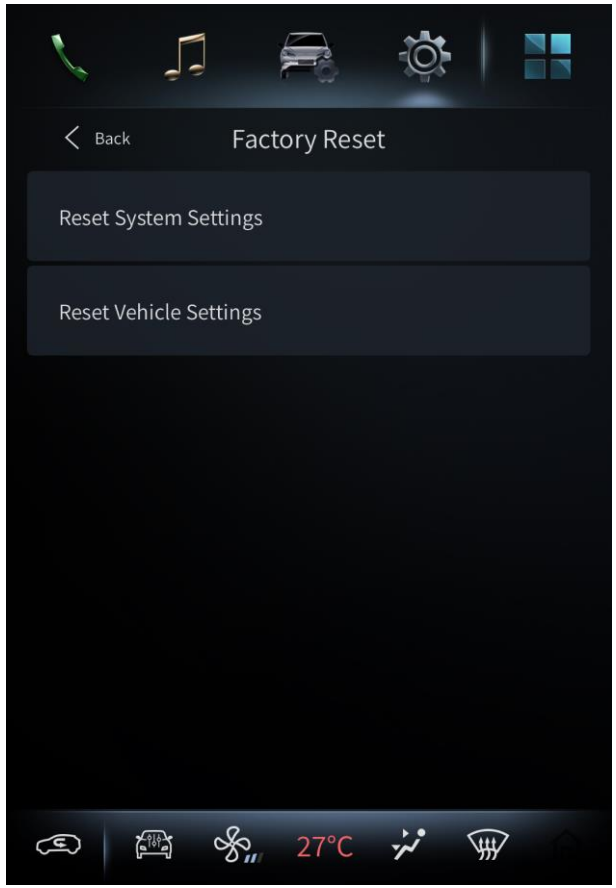


- System settings interface



- System version view

In this interface, you can view the vehicle version, hardware version, Bluetooth address and other information.



- Restore factory settings interface

In this interface, you can restore system settings and restore vehicle settings.

Reverse camera and sensor alarm

When the R gear is engaged, the sensor information will be displayed on the instrument cluster, and the reverse camera and sensor information are displayed on the central control screen.

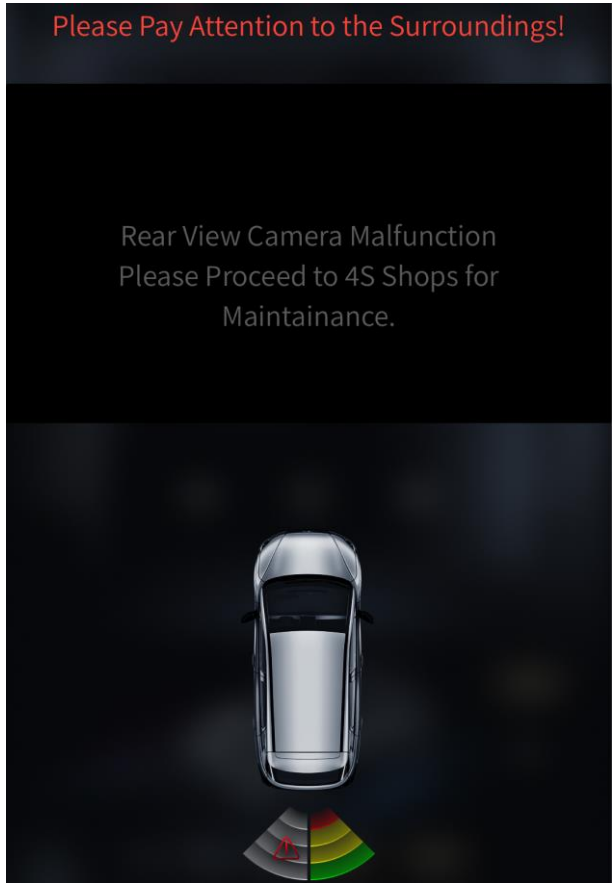
Reverse camera

When the R gear is engaged, the central control screen can display the reversing image and the reversing auxiliary lines of which the information is collected by the reverse camera. The reversing auxiliary lines include static and dynamic lines. The system supports dynamic and static display at the same time.

- Reversing image interface

Static auxiliary line: the auxiliary line is always consistent with the direction of the body, and will not bend with the turning of the steering wheel;

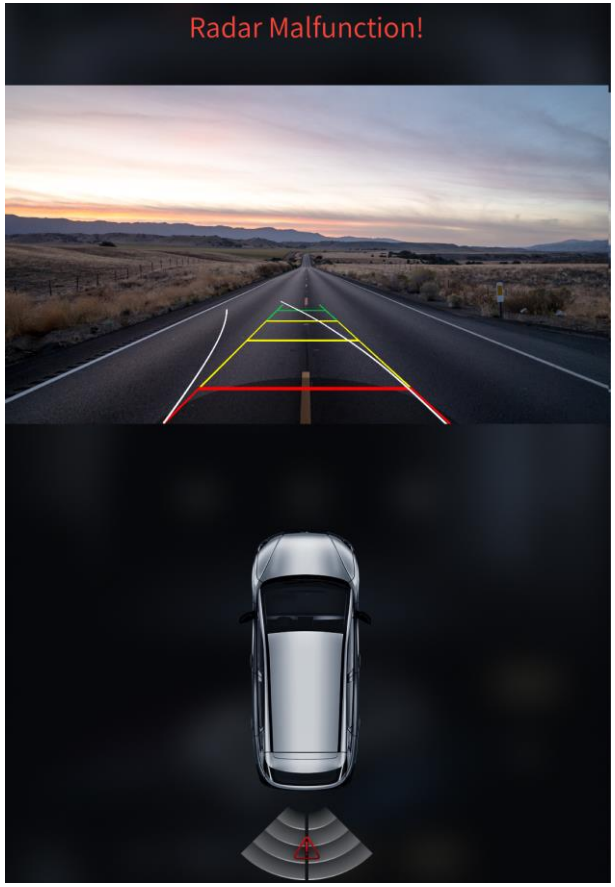
Dynamic auxiliary line: if the steering wheel is turned left (right) during reversing, the auxiliary line of the reversing image will be curved to the left (right), showing the driving track of the rear wheels of the vehicle at the current steering angle.



- Camera damage interface

If the camera is damaged when the R gear is engaged, the system will remind you through voice and text: "The reverse camera is faulty, please go to a 4S store for inspection and repair."

In this case, please contact the Neta city partner in time.



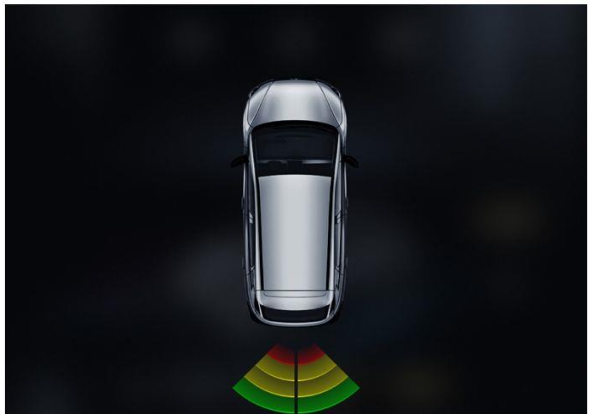
- Sensor damage interface

If the sensor is damaged when the R gear is engaged, the system will remind you that the sensor is faulty, please go to a 4S store for inspection and repair."

In this case, please contact the Neta city partner in time.

Sensor alarm interface

The sensor radar alarm interface can be displayed through the central control screen. During the user's parking, reversing and low-speed driving, the rear parking sensor can detect obstacles behind the vehicle, and prompts the user through the sensor map and warning tone.



- Sensor map

Sensor map display rules:

Distance to detected obstacle	Sensor map color
>1.0m	Not displayed
0.6m~1.0m	Green
0.3m~0.6m	Yellow
Within 0.3m	Red

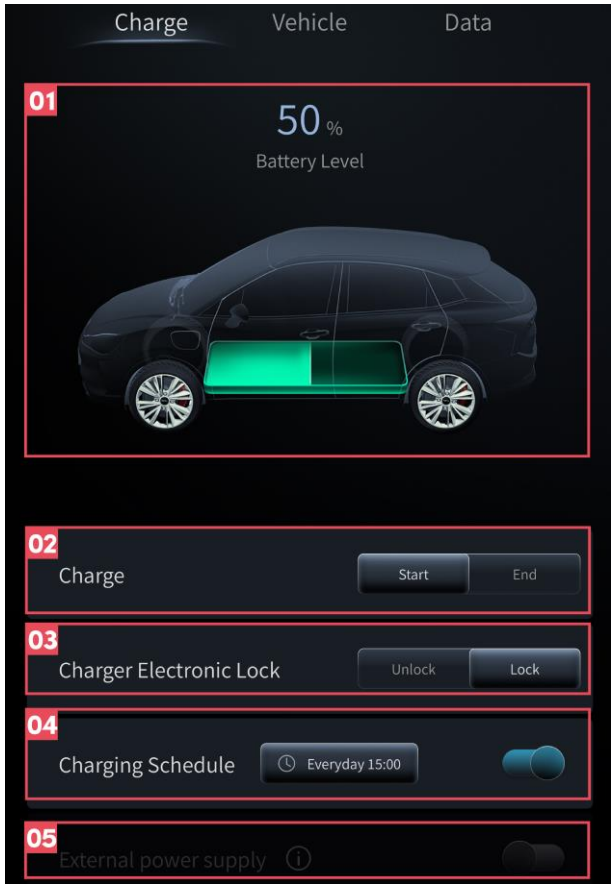
Warning tone of different frequencies will be sent as the different distance exists between the vehicle and the obstacle. The closer the distance is, the more rapid the warning tone will be.

Vehicle settings

By clicking the vehicle settings icon at the top of the central control screen, the user can control the specified vehicle functions, including charging, vehicle settings, and vehicle data.

Charging

In the charging interface, you can enable/disable the charging operation, unlock/lock the electronic lock, set the scheduled charging time, and supply power.



- Charging interface

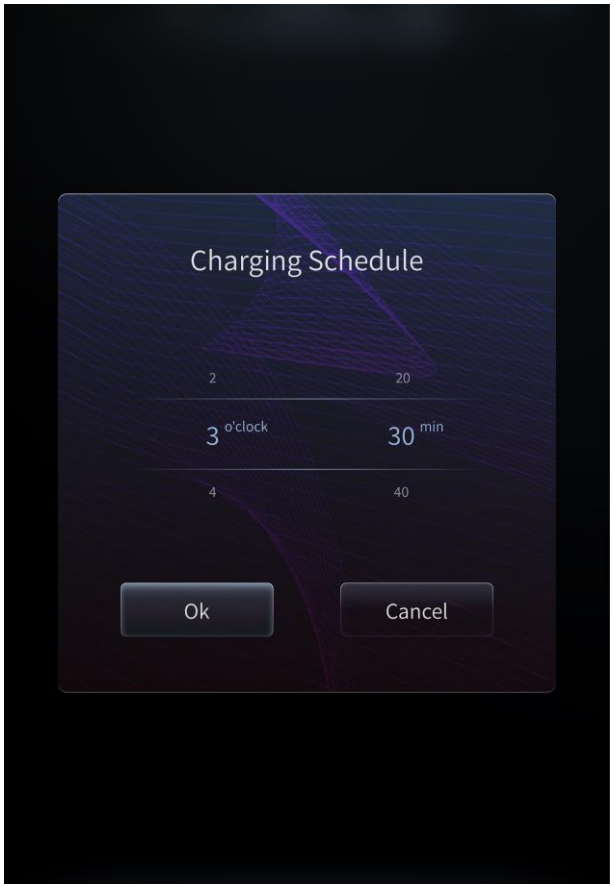
01: Charging/discharging status

02: Charging on/off

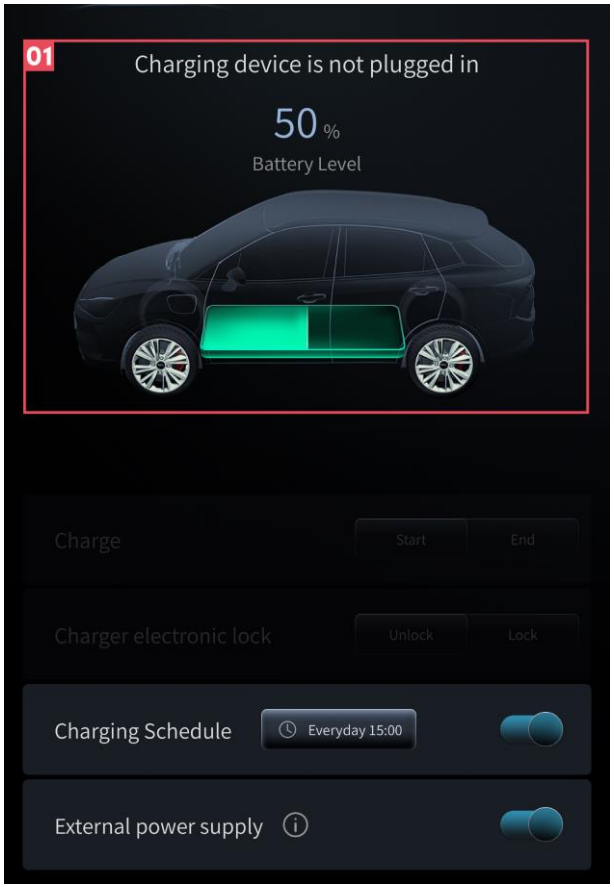
03: Charging gun electronic lock unlocking/locking

04: Scheduled charging on and time settings

05: External power supply on/off (in the charging status, the external power supply function cannot be used)



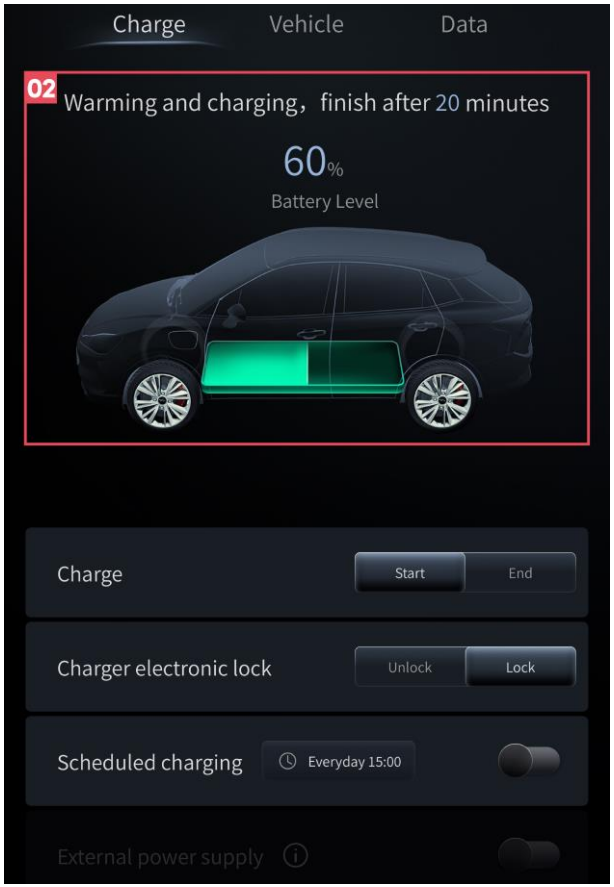
- Scheduled charging time settings interface



- Charging/discharging status interface 1

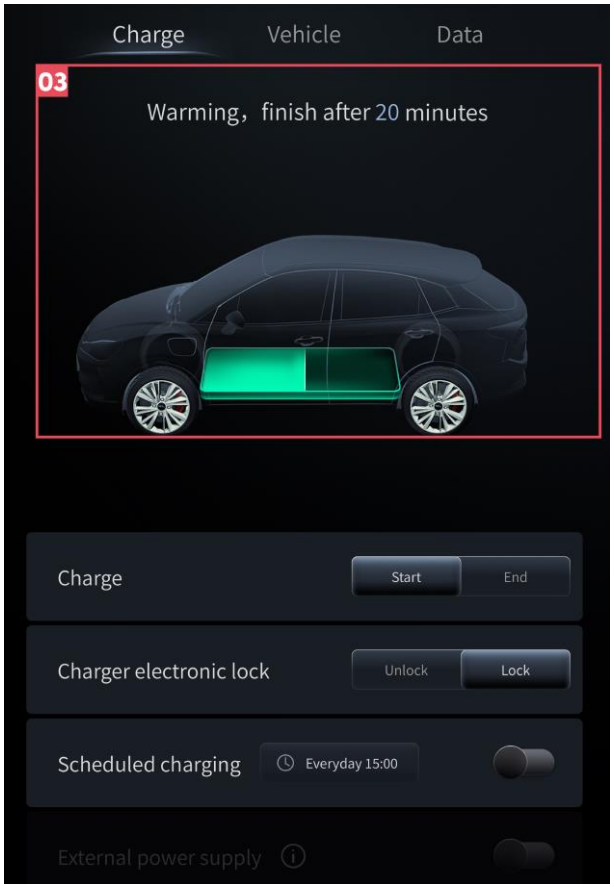
01: Charging gun not connected

If the charging gun is not connected, the "Charging Start/End" and "Charging Gun Electronic Lock Unlocking/Locking" function keys are grayed out and cannot be operated.



- Charging/discharging status interface 2

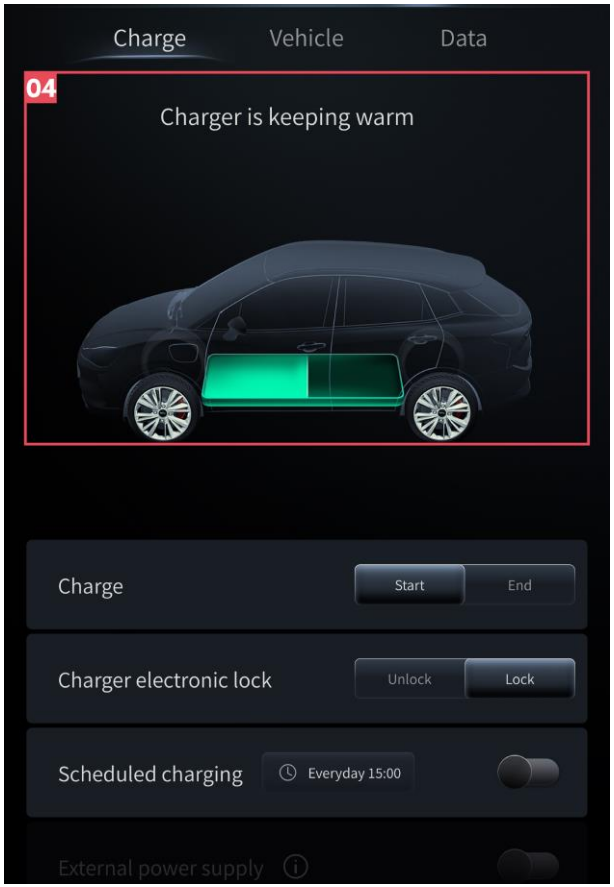
02: Vehicle charging



- Charging/discharging status interface 3

03: Battery heating

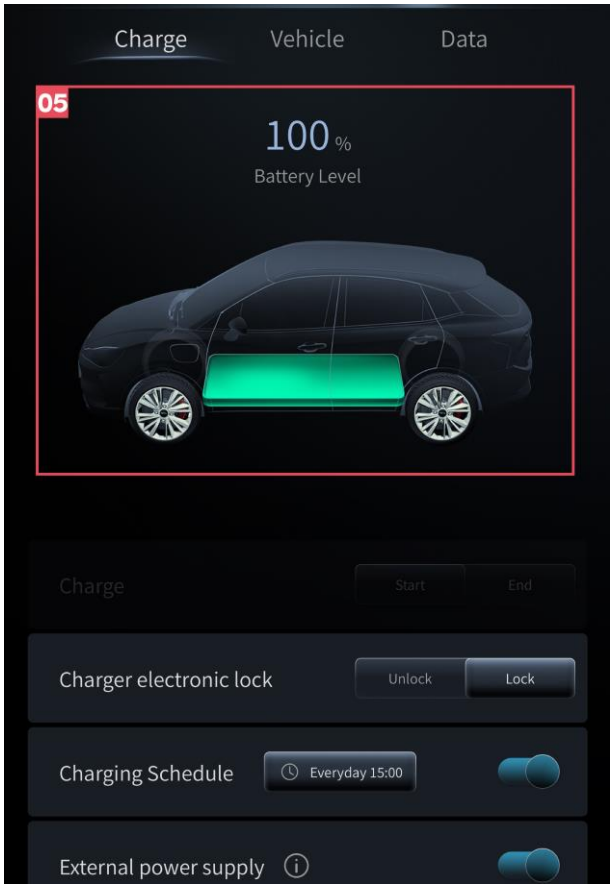
When the outdoor temperature is low in winter, the traction battery may be heated before and during charging to achieve higher charging efficiency.



- Charging/discharging status interface 4

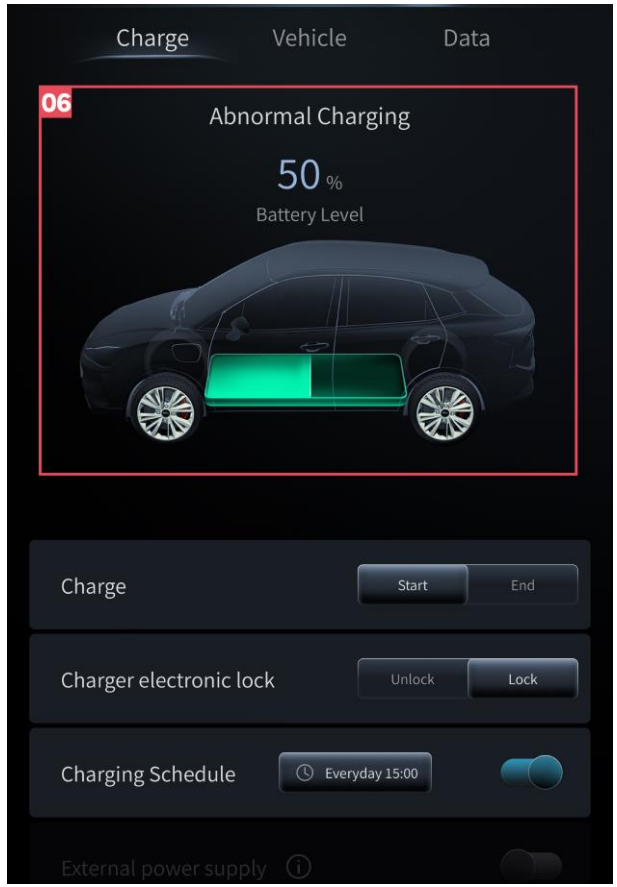
04: Charging gun connection and heat preservation

If the outdoor temperature is low in winter, and the charging gun is not removed after the vehicle is fully charged, the vehicle will keep the temperature of the traction battery, to ensure that the performance of the traction battery is in a good condition during operation of the vehicle.



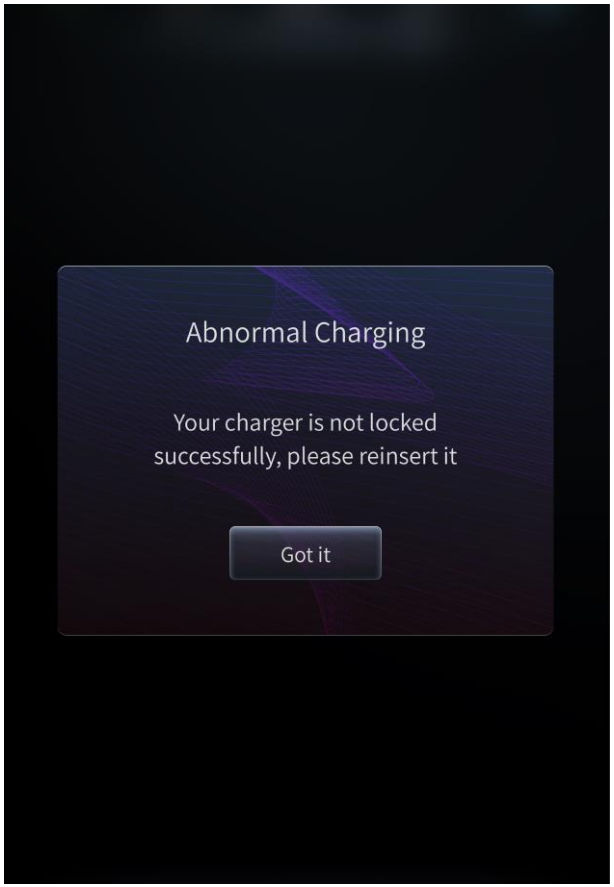
- Charging/discharging status interface 5

05: Vehicle charging completed



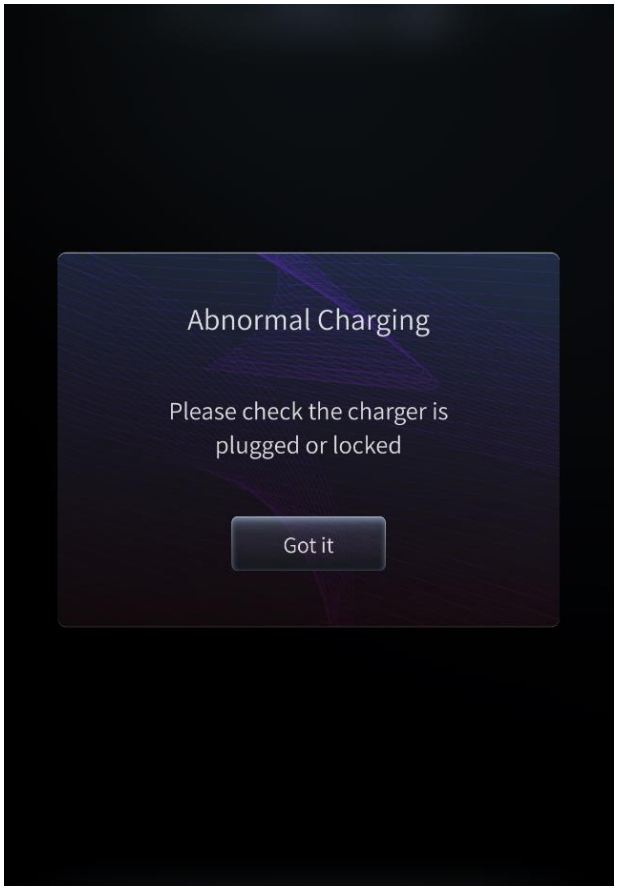
- Charging/discharging status interface 6

06: Charging abnormal



- Charging abnormality reminder interface 1

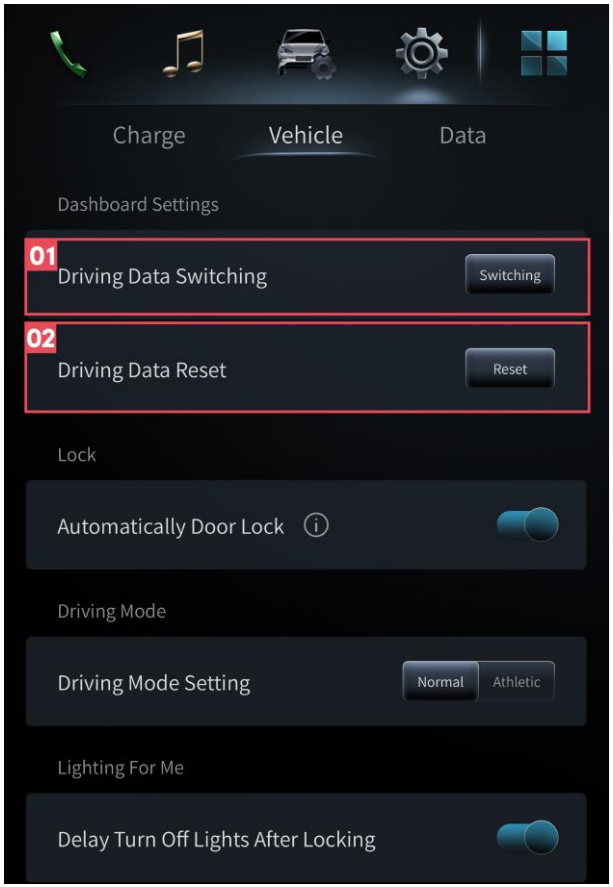
When this interface appears, please unlock the charging gun, remove it, and connect it again. If the charging is still abnormal, please contact the Neta city partner in time.



- Charging abnormality reminder interface 2

When this interface appears, please unlock the charging gun, remove it, and connect it again. If the charging is still abnormal, please contact the Neta city partner in time.

Vehicle settings



- Vehicle settings interface 1

01: Driving data switching

02: Meter data reset

Click "Reset" to reset the trip meter.

- Vehicle settings interface 2

01: Speed-sensitive central locking ON/OFF

After the function is turned on, and the vehicle speed reaches the set speed, the doors will be automatically locked.

02: Driving mode settings

The driving mode can be set to normal mode and sport mode.

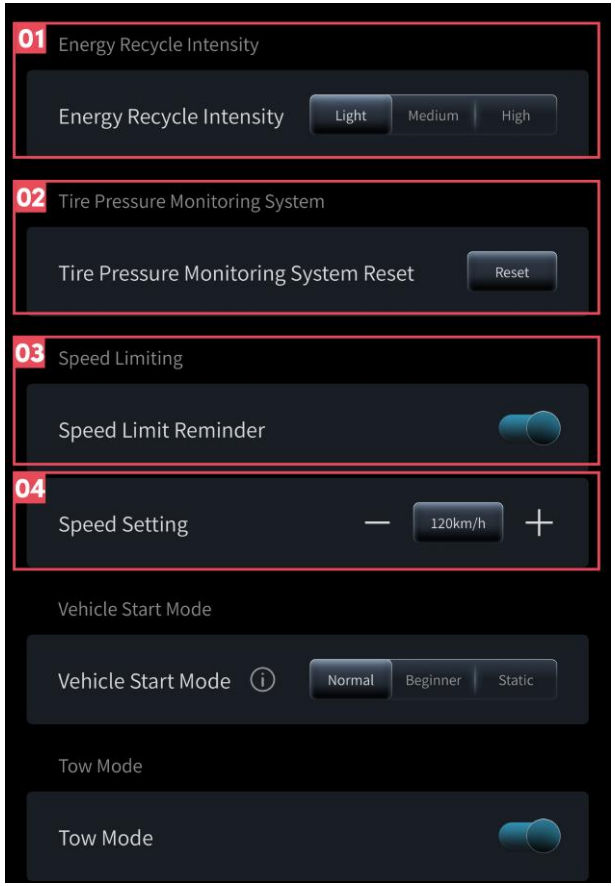
Normal mode: In normal mode, the vehicle can travel at a maximum speed of 100km/h.

Sport mode: In sport mode, the vehicle can travel at a maximum speed of 120km/h.

03: Follow Me Home ON/OFF

04: Follow Me Home duration settings

05: Headlight leveling settings



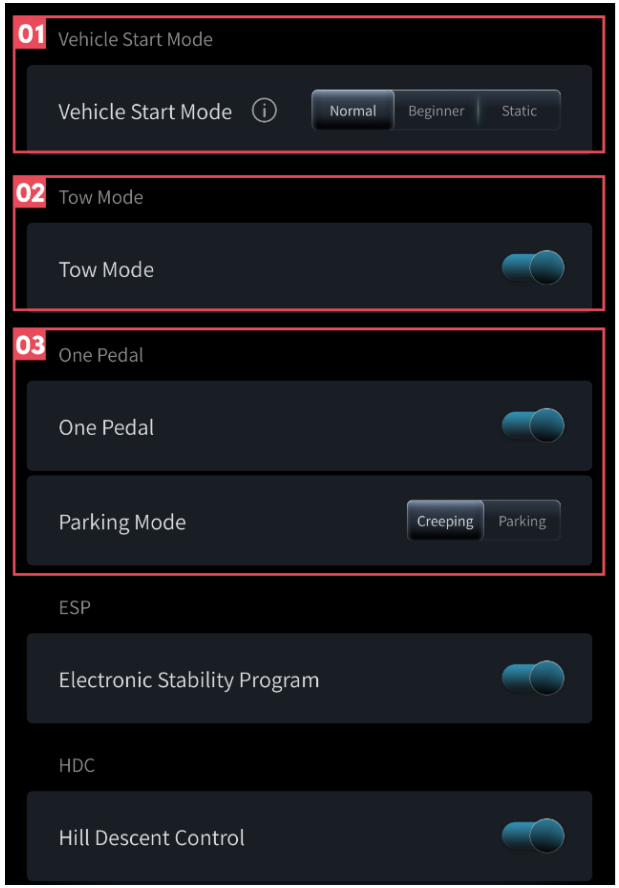
- Vehicle settings interface 3

01: Energy recovery intensity settings

02: TPMS reset ON/OFF

03: Speed limit reminder ON/OFF

04: Reminded speed settings



- Vehicle settings interface 4

01: Start mode

The start mode can be set to normal mode, new driver mode, and static mode.

Normal mode: The vehicle can be started and driven normally in this mode;

New driver mode: This mode requires driver to wear seat belt before starting

Traveling vehicle

Static mode: This mode is used for static display, the vehicle can be started, but cannot be driven with gear engaged, and other functions (air conditioning, audio/video entertainment, etc.) can be used normally.

02: Towing mode

When the vehicle needs to be towed, turn on the towing mode. "D/S" and "R" cannot be engaged in the towing mode.

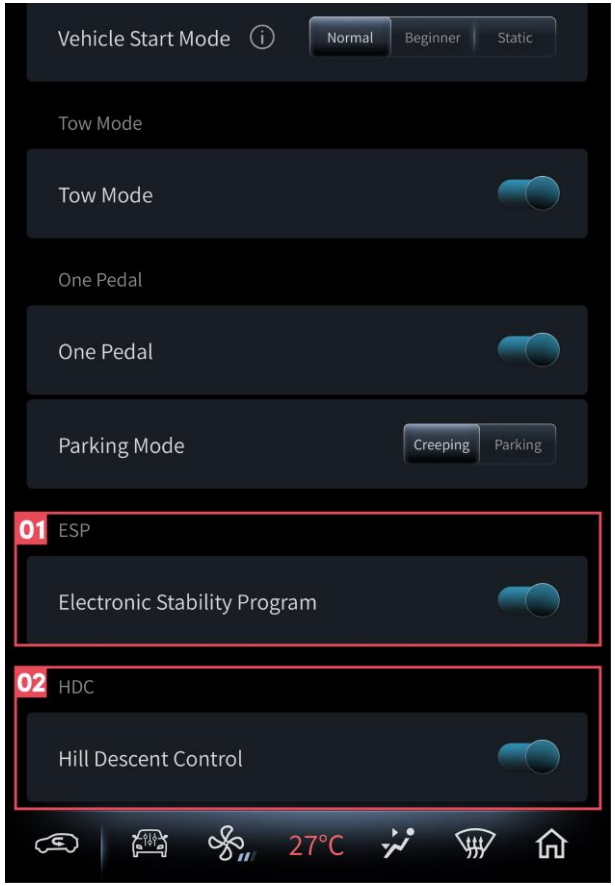
After the vehicle is shifted into “P” or the charging gun is connected, the vehicle will automatically exit the towing mode.

03: Single pedal mode

Click to turn on or off the integrated pedal mode, and the integrated pedal mode can be set to “Crawl Control” and “Parking”.

Crawl Control mode: the vehicle gradually decelerates to low speed after the accelerator pedal is completely released.

Parking mode: the vehicle gradually decelerates to stop after the accelerator pedal is completely released.



- Vehicle settings interface 5

01: ESC ON/OFF

ESC can improve the driving stability of the vehicle, for example, it can reduce the danger of the vehicle slipping during acceleration and cornering. When the ESC is turned off, the indicator light on the instrument cluster will come on.

Warning

- The ESC has certain limitations on the stability control of the vehicle. Even if the vehicle has an ESC, the driving mode should be adjusted at any time depending on the road conditions and traffic conditions. This is especially important for driving on smooth and wet roads. Do not carry out risky driving because this system improves vehicle stability, otherwise there is a danger of accidents!

02: HDC

The HDC is a function to enhance the braking ability of the vehicle when going downhill. It is suitable for low-speed driving and driving downhill on steep slopes with harsh road conditions. The driver does not need to use the brake pedal, and just concentrates on driving, and the system can assist the vehicle to descend steadily at a constant speed.

The driver only needs to turn on the HDC before going down the steep slope, then release the accelerator and brake pedals, and the HDC starts to intervene.

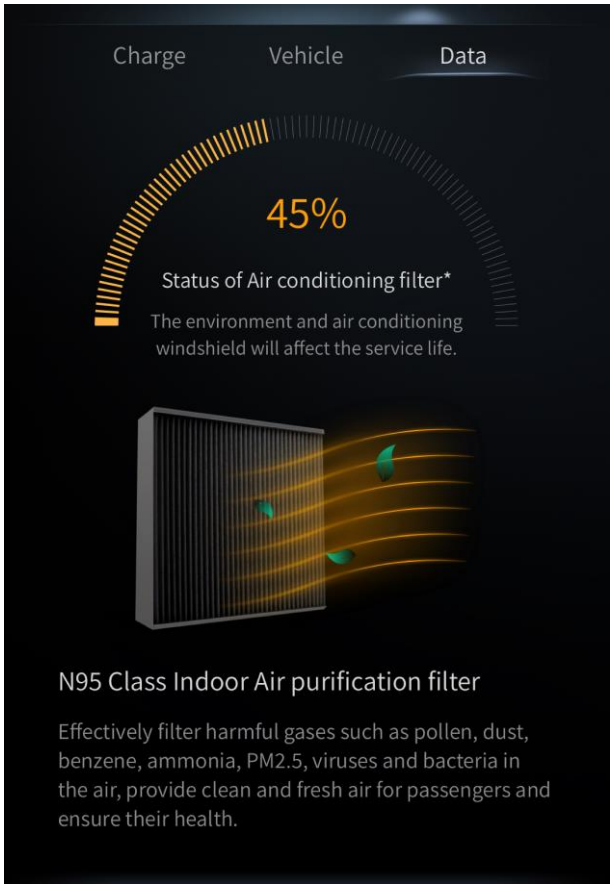
CAUTION

- In general, the HDC can work normally on the slope with a gradient of not more than 50%, and this gradient depends greatly on road conditions, tires and driving conditions. The HDC will be turned off automatically when the vehicle is running on a slope with a higher gradient.

Warning

- The HDC does not work in all conditions and is designed to be used as an auxiliary system only.
- If the driver actively depresses the accelerator pedal to accelerate, the HDC will automatically exit.
- The driver shall be always ultimately responsible for keeping the vehicle driving safe.

Vehicle data



- Air conditioner filter element interface 1

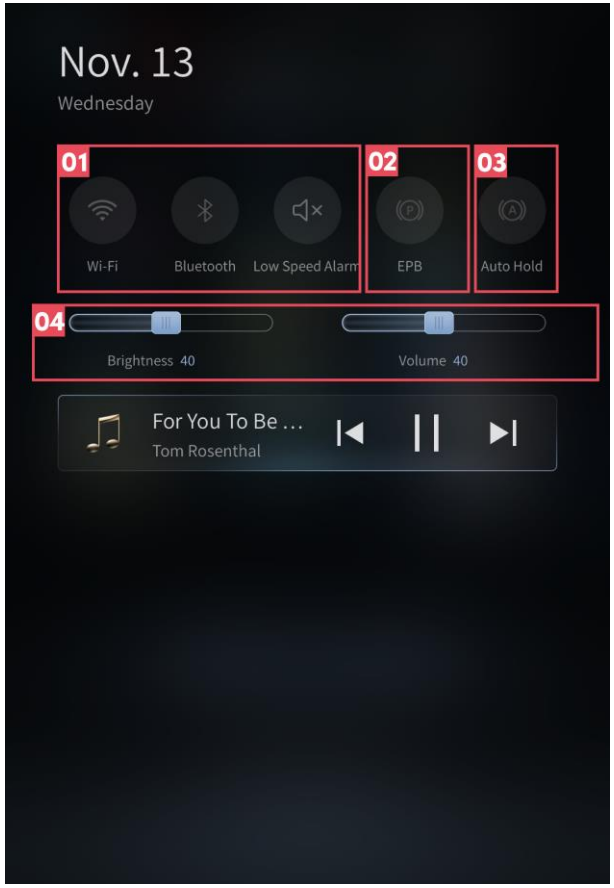
In this interface, you can see the service life of the N95 filter element, and for the new N95 filter element, the service life is displayed as 100%.

- Air conditioner filter element interface 2

When the residual life of the air conditioner filter element is too short, the interface will display red and prompt "Please replace it in time".

Easy control

Pull down on the upper part of the central control screen to open the status bar. Some functions can be quickly controlled through the status bar.



- Status bar interface

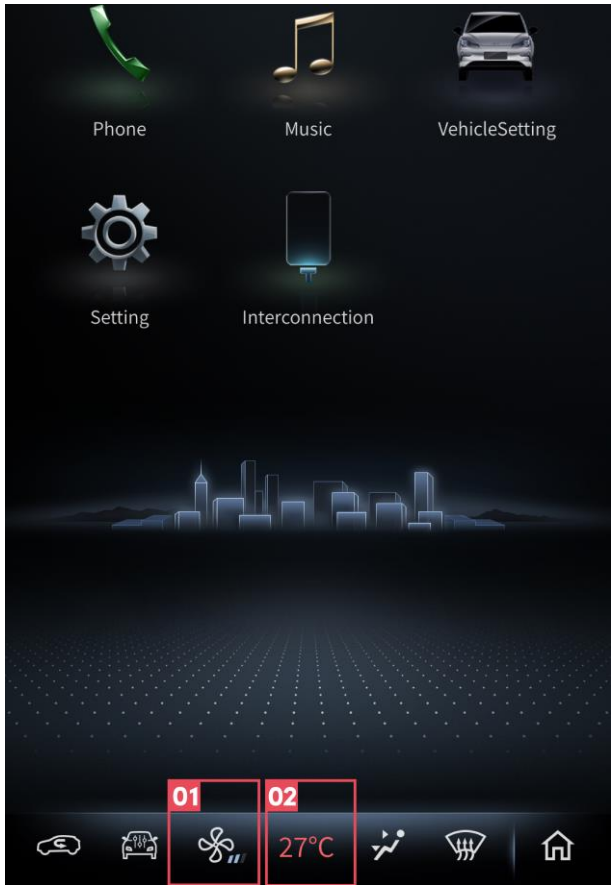
01 : Wi-Fi, Bluetooth, pedestrian prompt device (PPD).

02 : Electronic parking brake ON/OFF.

03 : AUTOHOLD ON/OFF.

04 : Brightness and multimedia volume adjustment of the central control screen.

A/C



- Startup default interface

In the startup default interface or other interfaces, click the button 01 or 02 to enter the A/C interface.

- A/C interface

01 : Outside temperature, air conditioner filter life

02 : Ventilation mode

Click the corresponding mode icon to change the ventilation mode. The meanings of the icons from left to right are: floor mode, panel mode, floor and panel mode, window and floor mode.

03 : Air volume control

Click the icon on the left to reduce the air volume;

Click the icon on the right to increase the air volume.

04 : Temperature control

Click the icon on the left to lower the temperature;

Click the icon on the right to increase the temperature.

05 : Fresh air/ recirculation mode

The indicator light ON indicates recirculation and OFF indicates fresh air.

06 : Window mode

07 : Rear windshield heating

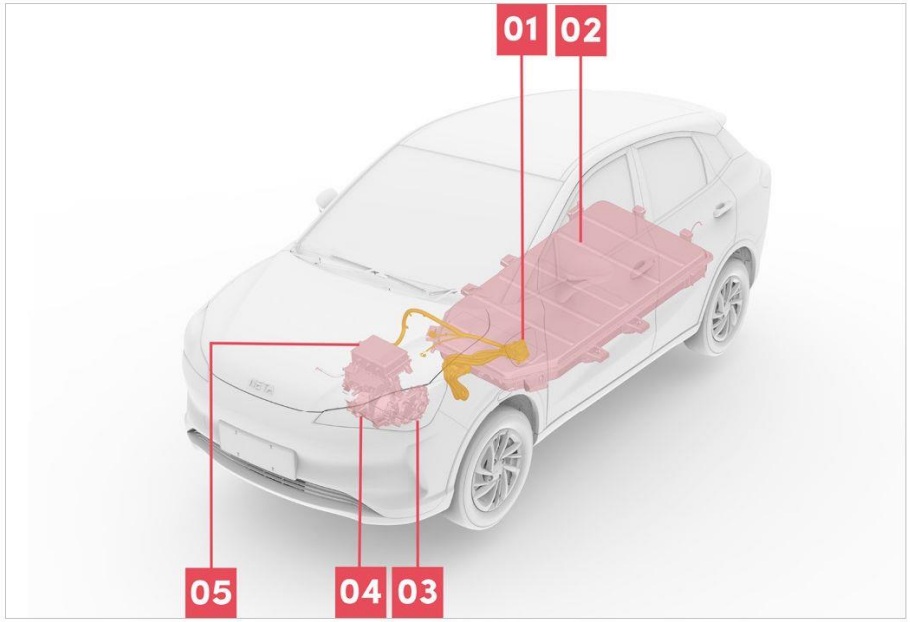
08 : A/C heating button

09 : A/C cooling button

10 : A/C button

High-voltage components

The motor compartment and chassis of this vehicle are equipped with high-voltage components and high-voltage cables. The surface of the high-voltage components has obvious prompts or warning labels. The high-voltage cables are packaged with orange bellows. Do not touch or disassemble these high-voltage components and high-voltage cables without authorization. Otherwise it will danger the vehicle and your life!



Parts description:

01: DC/AC charging inlet

DC/AC charging (Refer to Charging operation, page 67).

02: Traction battery

Traction battery maintenance (Refer to Traction battery, page 66).

Traction battery parameters (Refer to Traction battery parameters, page 97).

03: Reducer

Reducer related parameters (Refer to Reducer parameters, page 97).

04: Drive motor

Drive motor parameters (Refer to Drive motor parameters, page 98).

05: On-board charger

Traction battery

Introduction

The battery provided in this vehicle is a lithium-ion battery that stores electrical energy through charging. During the driving process of the vehicle, electric energy is provided for system parts through discharge.

Traction battery maintenance

When the vehicle is not working, its battery also discharges very slowly, powering the on-board electronics. Generally speaking, the vehicle will also have a 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 disconnect the negative terminal of the 12V battery and charge the vehicle regularly to keep the driving range of the vehicle to 50%~60%.

Driving or parking with a low battery may cause excessive discharge of the traction battery, resulting in permanent damage to the traction battery. It is recommended to avoid driving or parking with low power for a long time to prevent excessive discharge.

Driving range

You can maximize the driving range by driving in the same driving habits you would use for driving a gasoline vehicle. The driving range depends on the available power of the traction battery, usage time, number of charges and discharges, road conditions, external ambient temperature, driving habits, vehicle load and other factors. In order to fully understand the driving range of pure electric vehicles and obtain the maximum driving range, please note the following matters:

1. Avoid frequent rapid acceleration and deceleration.
2. Under the premise of ensuring safe driving, try to use the accelerator pedal to control the speed of the vehicle and reduce the use of the brake pedal. This vehicle has an energy recovery function, which reduces the speed of the vehicle when you release the accelerator pedal.
3. Remove unnecessary items from the vehicle to reduce the load.
4. When driving at high speed, lift all windows to reduce vehicle driving resistance and power consumption.
5. Keep the tire pressure within the normal range (Refer to Tire parameters, page 96).
6. Excessive discharge of the traction battery will affect the battery performance, so please charge it in time when the low traction battery indicator light on the instrument cluster is on.
7. The actual driving range of the vehicle will decrease with the increase of age and traveled distance of the vehicle.
8. Turning on the A/C for cooling or heating will reduce the driving range. High fan speed will cause fast traction battery consumption. Therefore, under the premise of meeting the cooling or heating needs of the vehicle, it is recommended to adjust the A/C to the low fan speed. Do not keep the A/C working at high fan speed.
9. When the power of the traction battery is low, the vehicle may experience weak acceleration and insufficient power. In this case, please charge it as soon as possible.
10. The actual driving range of the vehicle will be less than that under normal road conditions when the vehicle travels at high speed on the highway for a long time.

Charging 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 charge failure may occur!

⚠ Warning

- The owner or professional technicians not authorized by NETA should not repair any part of the traction battery system. Under no circumstances should the battery be opened or altered. The inspection and maintenance of the traction battery must be carried out by the Neta city partner.

Collision safety

Post-collision high-voltage power supply cutoff:

When the vehicle incurs such a serious collision accident that the airbag deploys, the high-voltage power supply of vehicle will be cut off automatically to protect the safety of driver and passengers.

Post-collision active discharge:

When the vehicle incurs a serious collision accident, the motor control unit (MCU) will control the motor to stop running according to the collision signal received, and start active discharge.

Charging instructions

Charger

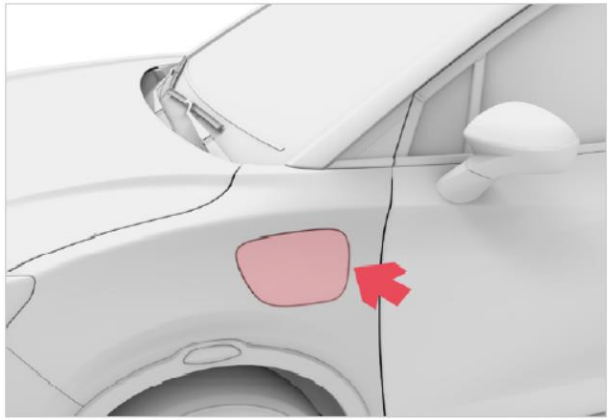
NETA provides charger specially designed to charge vehicles. Install a NETA wall-mounted charging pile in your garage to realize fastest charging of your vehicle at home. At the same time, the portable charger (Refer to Driver's tools, page 88) can ensure that you can use the household 220V socket to charge the vehicle in any occasion.

This vehicle has DC and AC charging. Both the DC and AC charging inlets are located above the left front wheel.

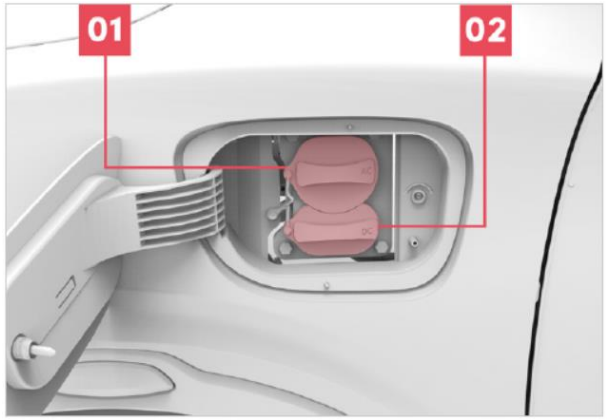
DC charging

You need to drive the vehicle to a gas station, DC charging station, etc. where DC charging piles are available for DC charging.

Charging starts:



1 Open the dust cover of the DC charging inlet.



2 Open the dust cover 01 of the AC charging inlet.

3 Open the dust cover 02 of the DC charging inlet.

4 Align the charging gun with the charging inlet and insert it fully until a "click" is heard, indicating that the charging cable is inserted in place. At the same time, the indicator light on the instrument cluster comes on.

CAUTION

- Before inserting the charging gun, make sure that the charging inlet is dry and free of foreign objects.

5 After the charging operation is performed on the screen of the DC charging station, the DC charging will begin.

Charging ends:

1 After the battery is fully charged or the charging operation is performed on the screen of the DC charging station, the charging will end.

2 Press the button on the charging gun, pull out the DC charging gun and place it in the charging gun seat of the DC charging pile.

3 Close the dust cover and outer cover of the charging inlet.

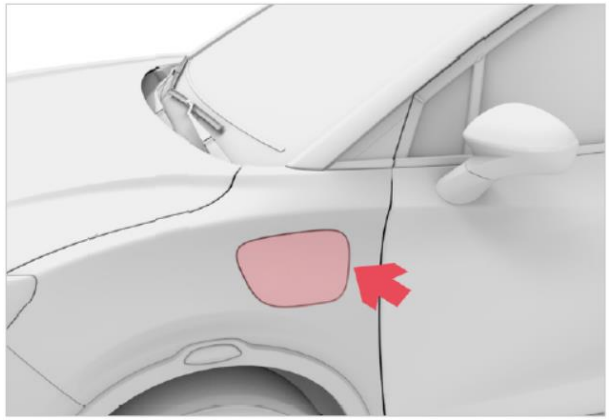
AC charging

You can use a wall-mounted charging pile or take out the portable charger (Refer to Driver's tools, page 88) from the driver's tool box under the trunk lid for AC charging.

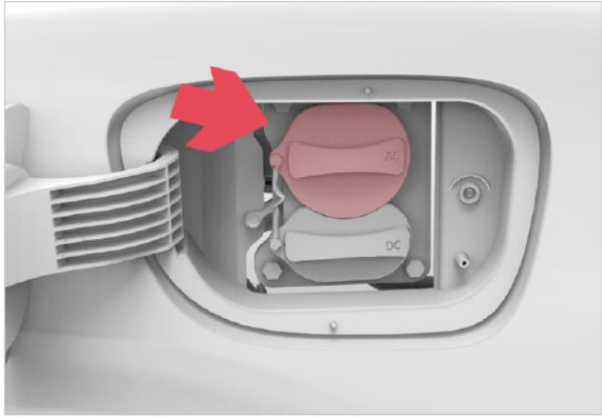
The following illustrations and descriptions show how to use the portable charger, and the use of wall-mounted charging piles is generally the same.

Charging starts:

1 Insert the connector of the portable charger into a 220V household electrical socket.



2 Press and open the outer cover of the DC/AC charging inlet.



3 Open the dust cover of the AC charging inlet.

4 Align the charging gun with the charging inlet and insert it fully until a "click" is heard, indicating that the charging cable is inserted in place. At the same time, the indicator light on the instrument cluster comes on.

CAUTION

- Before inserting the charging gun, make sure that the charging inlet is dry and free of foreign objects.

5 The vehicle starts charging if it is tested that the relevant voltage, grounding, vehicle status and other data are normal.

Description of portable charger indicator light:

Working status	Indicator light status table			
	Power supply (red)	Connection (green)	Charging (blue)	Error (yellow)
No power supply	OFF	OFF	OFF	OFF
Powered, not connected	ON	OFF	OFF	OFF
Connected, not charged	ON	ON	OFF	OFF
Charging	ON	ON	Flashing	OFF
Charging completed	ON	ON	ON	OFF
Self-inspection error after power-on	ON	OFF	OFF	ON
Communication error	ON	ON	OFF	ON
Overcurrent protection	ON	ON	Flashing	ON
Electric leakage protection	ON	Flashing	Flashing	ON
Overvoltage and undervoltage protection	ON	OFF	OFF	Flashing
Overheating protection	ON	ON	ON	ON

Charging ends:

1 The charging will end after the vehicle is unlocked or fully charged or ending operation is performed on the central control screen. (Refer to Instructions for use of in-vehicle infotainment system assembly ( ), page 56).

2 Press the button on the charging gun and pull out the DC charging gun after charging ends. Pressing failure of the button on the charging gun may be caused by that the charging gun is locked. Please unlock the vehicle with the key or click the "Unlock" button on the central control screen for another try.

3 Close the dust cover and outer cover of the AC charging inlet.

Scheduled charging:

During AC charging, you can schedule charging (Refer to Instructions for use of IVI assembly (central control screen), page 56) in the charging interface on the central control screen.

CAUTION

- Before using the portable charger, the connector and socket need to be coupled in place. Locking is in place if crisp sound is heard
- Before using the portable charger, please fix the position of the control box triangular hanging plate first. It is forbidden to charge the vehicle with the control box in the air to prevent the 220V power connector from being badly contacted and ablated. It is recommended to use a cable of more than 2.5m^2 as the power line at the socket end.
- Try to reduce the charging with the portable charger in open rain to avoid unnecessary losses.
- Since the current is relatively large during the working process, do not touch metal conductors to prevent electric shock accidents.
- Since the shell of the portable charger is made of thermoplastic, do not be impact it by external force so as not to affect the use.
- After charging, it is necessary to pull out the charging gun in parallel with the interface, do not shake the gun body when pulling out the charging gun; first remove the power connector and then the vehicle connector; live connection and removal is prohibited.

Charging indicator light

The charging indicator light is located in the middle of the instrument panel, and different colors and flashing at different frequencies of the three lights indicate different charging statuses.

Description of charging indication:

Charging status	Indication description
0% ≤ SOC ≤ 33%	Green, fast flashing
33% < SOC ≤ 66%	Green, medium flashing
66% < SOC≤ 99%	Green, slow flashing
SOC ≥ 99%	Green, always on
charging completed	Green, stays on for 60s and then goes out

Other indication description:

1 Scheduled charging: The yellow light is always on

2 External fault: The red light is always on

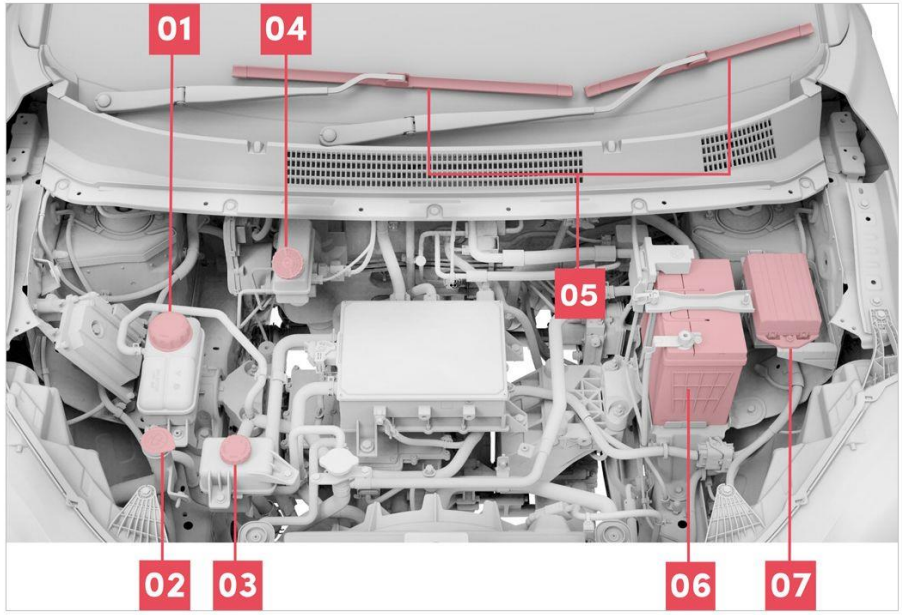
CAUTION

- If the red light is always on, repeat the charging operation 1~3 times. If the vehicle still cannot be charged or there is a peculiar smell during charging, please remove the power connector and charger inlet in time, and immediately contact the Neta city partner.

Routine maintenance parts

Maintenance in the motor compartment requires you to have relevant knowledge, experience and suitable tools. If you do not have these conditions, please contact the Neta city partner.

The motor compartment trim cover (Refer to Motor compartment trim cover, page 71) needs to be removed to gain access to the parts in the image below. Refer



Parts description:

01: Battery coolant expansion tank

Inspection of coolant level (Refer to Coolant, page 72).

02: Washer fluid reservoir

Use of windshield washer fluid (Refer to Windshield washer fluid, page 73).

03: Motor coolant expansion tank

Inspection of coolant level (Refer to Coolant, page 72).

04: Brake fluid reservoir

Inspection of brake fluid level (Refer to Brake fluid, page 71).

05: Wiper blade

Replacement of wiper blade (Refer to Wiper blade, page 73).

06: Battery

Battery (Refer to Low voltage battery, page 74).

Battery parameters (Refer to Vehicle parameters, page 95).

07: Motor compartment PDU

Fuse information (Refer to Fuse, page 77).

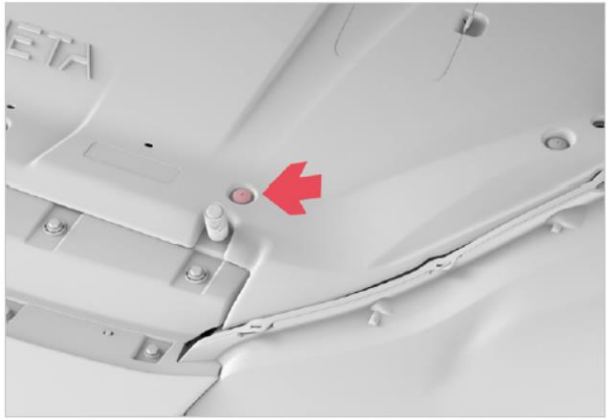
General data link connector (DLC)

OBD DLC

The OBD DLC for reading the electronic VIN is located at the bottom right of the instrument panel, and the VIN in the VCU can be read through the vehicle information option in the Neta diagnostic scan tool or the general diagnostic equipment available in the market.

Motor compartment trim cover

Removal and refitting of motor compartment trim cover



Removal:

1 Remove all the retaining clips of the motor compartment trim cover a suitable tool.

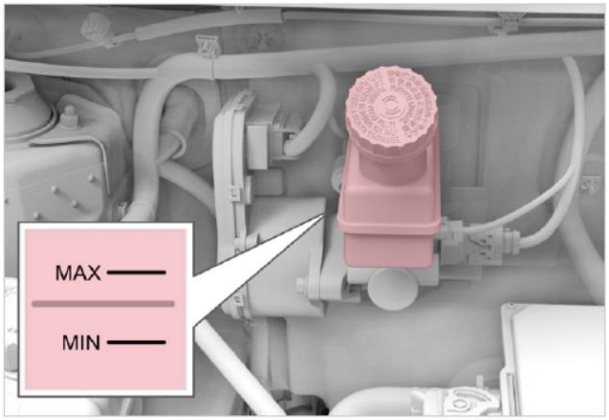
2 Remove the motor compartment trim cover.

Refitting:

Do refitting in reverse order to removal.

Brake fluid

Inspection of brake fluid level



Inspection:

Park the vehicle on a flat road, and check the brake fluid.

The level shall be between "MAX" and "MIN".

Model:

DOT4

CAUTION

- If the liquid level drops obviously in a short time, it indicates that there may be leakage in the brake system. Do not continue driving in this case. Please contact the Neta city partner as soon as possible to thoroughly check the brake system.

Warning

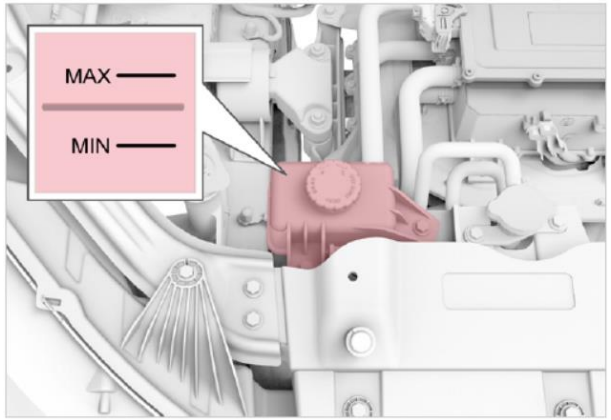
- Be sure to change the brake fluid according to the cycle specified in the Maintenance Schedule. Otherwise, the brake system may fail, causing serious accidents.
- Do not spill brake fluid on the hot motor. Otherwise, fire may occur.
- Avoid brake fluid coming into contact with skin or eye. Otherwise, rinse skin or eye with plenty of water in time.
- Brake fluid is corrosive. Please seal the container and place it out of reach of children. In case of accidental ingestion of brake fluid, please seek medical advice in time.
- If the warning light of the brake system does not go out or it comes on during driving, it may be caused by the low brake fluid level. In order to avoid accidents, be sure to stop the vehicle in time, and contact the Neta city partner for inspection and maintenance as soon as possible.

Coolant

Warning

- If you need to open the coolant expansion tank cover, remember not to open it when coolant is at high temperature. Otherwise, it will cause personal injury.

Inspection of motor coolant level



Inspection:

Park the vehicle on a flat road, and check the coolant. The level shall be between "MAX" and "MIN".

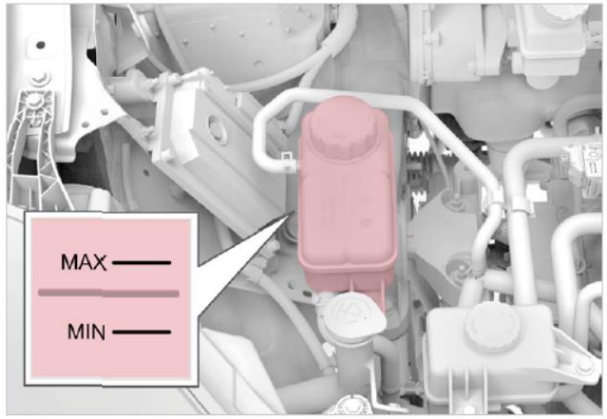
Model:

GB29743-2013LEC-II-35

Color:

Red

Inspection of battery coolant level



Inspection:

Park the vehicle on a flat road, and check the coolant.

The liquid level shall be between "MAX" and "MIN".

Model:

GB29743-2013LEC-II-35

Color:

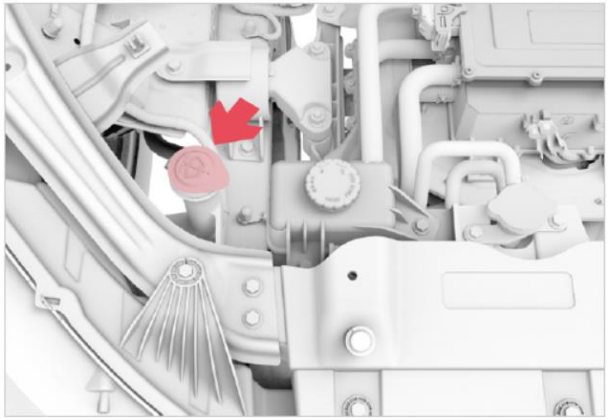
Red

CAUTION

- As the cooling system is a closed loop, the coolant loss under normal conditions is very small. Obvious drop of coolant level means that the cooling system leaks. If so, please contact the Neta city partner as soon as possible to thoroughly check the cooling system.
- Other coolant not approved by Hozon Auto shall not be mixed in the existing coolant. Otherwise, the drive motor and cooling system may be seriously damaged.

Windshield washer fluid

Filling of windshield washer fluid



If there is a lack of washer fluid, add washer fluid to the reservoir in time.

Amount of windshield washer fluid:

Maximum: 2000ml ± 100ml

The specific filling amount depends on the actual situation. It is sufficient when the liquid level is visible.

CAUTION

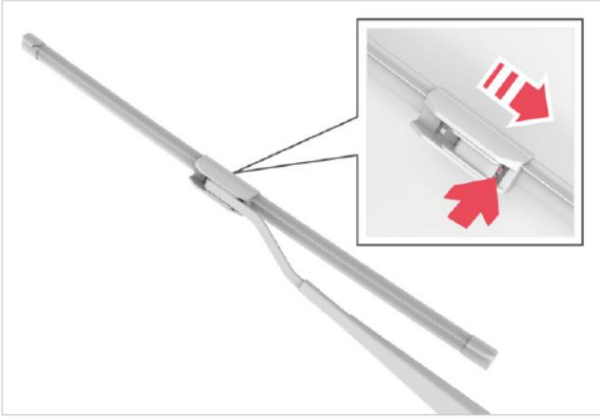
- It is recommended that the windshield washer fluid (freezing point lower than-35°C) specified by Hozon Auto is used.

Wiper blade

Please check the edge of wiper blades regularly and keep it clean. Check the rubber for cracks, rifts and rough surfaces. In such case, replace the wiper blades as soon as possible to prevent damage to the windshield.

In order to ensure safe driving in rainy and snowy weather, it is recommended that the wiper blades are replaced at least once a year.

Wiper blade replacement



Replacement:

Adjust the wiper to the maintenance position (Refer to Wiper/Washer System,page 43), lift the wiper arm, press the stop clip at the connection between the wiper blade and the wiper arm, and take off the wiper blade downward.

CAUTION

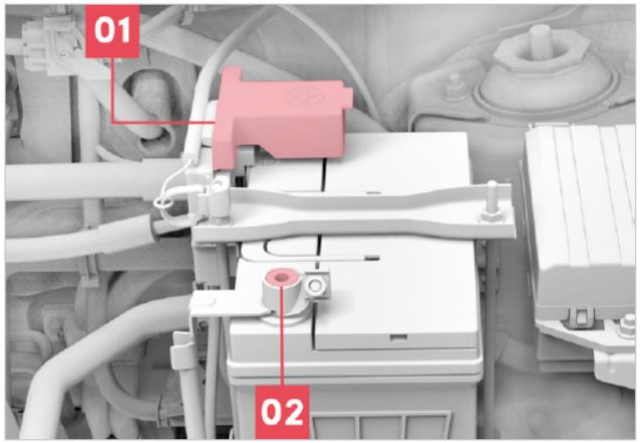
- During replacement of wiper blades, be sure to take extra care of wiper arms to avoid sudden drop of wiper arms, which may damage the windshield.
- During replacement of wiper blades, pay attention to the protection of U-shaped joint of the wiper arm. Wrap the wiper blades with soft cloth when removing them, for fear of scratching the windshield.
- In cold season, check whether the wiper blades are frozen on the windshield before using the wipers. If so, the wiper blades must be thawed before use; otherwise, the wiper motor and wiper blades will be damaged. The thawing method is to use the A/C window mode (Refer to Instructions for use of in-vehicle infotainment system assembly (central control screen) page 64). Wiper blades shall not be washed directly with hot water. Otherwise, the windshield may burst or the wiper blades may be deformed.
- When there are sundries such as snow, leaf and branch on the windshield, clean up the sundries before operating the wiper.

Low voltage battery

CAUTION

- If the vehicle is parked for a long time, please disconnect the negative terminal of the battery to avoid undervoltage of the battery.

Positive and negative terminals of battery



01: positive terminal of battery
02: negative terminal of battery

Battery charging

Only persons with the necessary expertise can work on the low voltage battery.

If the low voltage battery is used for a long time, it may not be able to maintain the charging efficiency as a new. When the vehicle is parked for a long time, travels frequently for short distances, or runs in a cold environment, the low voltage battery needs to be charged regularly. If you need to charge the low voltage battery, please contact the Neta city partner.

CAUTION

- Only electrical equipment meeting the national electromagnetic compatibility standards and approved by Hozon Auto can be used.
- When the low-voltage power supply of the vehicle is turned on, long-term use of low-voltage equipment such as A/V system and lighting system will consume battery power. Please control the use time.
- When you turn on the lamps, you may find that the lamps are dim; or, after long-term parking, the high-voltage power supply of the vehicle cannot be started. These symptoms may be caused by the undervoltage of the battery.
- A small amount of undervoltage of the battery can be solved by charging the battery with an on-board charger after the high-voltage power supply of the vehicle is turned on. The recommended charging time is more than two hours.
- When the vehicle cannot be started with the high voltage power supply due to the undervoltage of the battery, this problem can be solved by jumper start (Refer to Jump start, page 91) with another vehicle.

Battery replacement

Only low voltage batteries of the same model and conforming to the battery specifications can be used as replacements. Otherwise, the sizes may be unacceptable or terminal positions may be different, which may lead to damage, leakage or fire of the low voltage battery.

For replacement of the low voltage battery, ensure that the low voltage battery is installed correctly. Ensure that the low voltage battery and pressure plate are properly fixed to prevent the low voltage battery from moving in case of accident or emergency braking.

Tires

Inspection

- Check the tire pressure regularly (at least once a month).
- Check the tires regularly for damage (cuts, cracks, etc.), and check the tires frequently for abnormal wear.
- Take care to avoid tires coming into contact with grease and lubricating oil.
- After replacement with new tires, driving at high speed for the first 500km is not recommended.

Increase of tire mileage

To increase the tire mileage, maintain the specified tire pressure first, then keep good driving habits, and avoid:

- high speed driving and rapid acceleration.
- sharp turns and abrupt deceleration.
- potholes and sharp objects scattered on the roads.
- corrosive liquid.

Tire chain

Before purchasing tire chains and installing them on the vehicle, please consult the Neta city partner. During use, pay attention to the following requirements:

- Tire chains can only be installed on the front wheels.
- The thickness of tire chains shall not be more than 10mm.
- The vehicle speed shall not exceed 50km/h.
- In order to minimize the wear of tires and tire chains, it is necessary to avoid using tire chains on roads without ice and snow.
- Follow the installation instructions provided by the tire chain manufacturer.

Tire pressure

No load: 220 ± 10kpa

Full load: 220 ± 10kpa

Use of tire sealant

Refer to Driver’s tools, page 89.

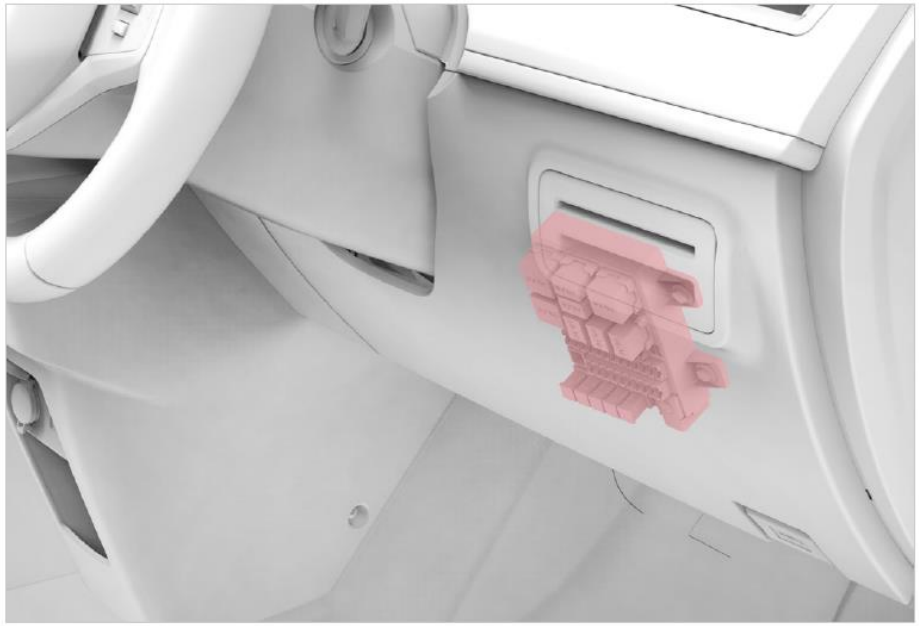
Fuse

Introduction

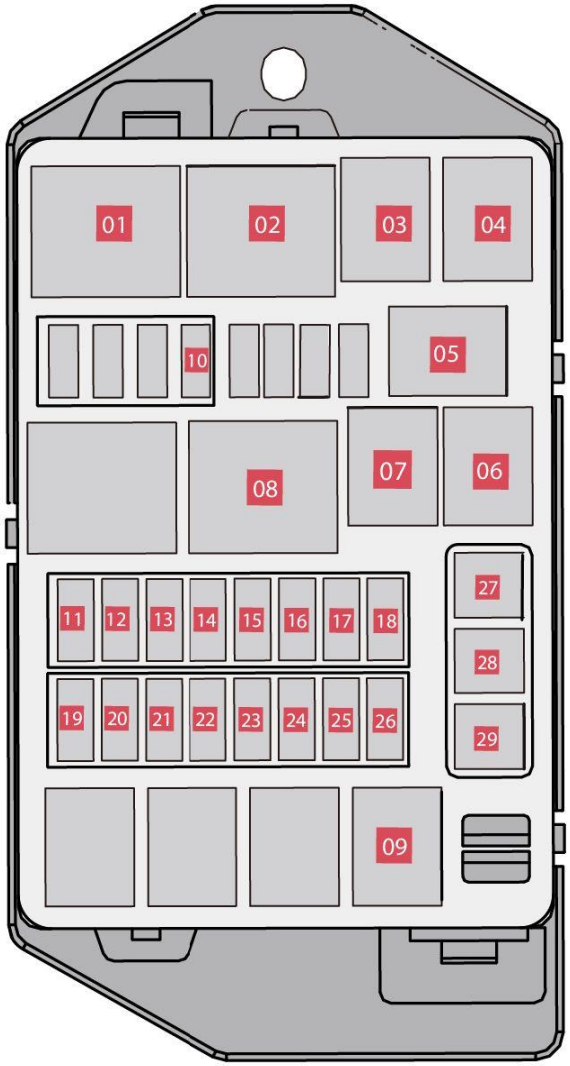
A fuse is a simple circuit breaker, which is used to protect electrical consumers when the circuit is overloaded. When an electrical consumer in the vehicle can't be used, it may be caused by a blown fuse. If the fuse is blown, replace it with a new one of the same specification.

Location of motor compartment PDU

Location of instrument panel PDU



Motor compartment PDU



Relay definition of motor compartment PDU

No.	Item	No.	Item
01	High-speed fan relay	06	Low-speed wiper relay
02	Low-speed fan relay	07	High-speed wiper relay
03	High beam relay	08	Blower relay
04	Main relay	09	Coolant pump relay
05	Low beam relay	-	-

Fuse definition of motor compartment PDU

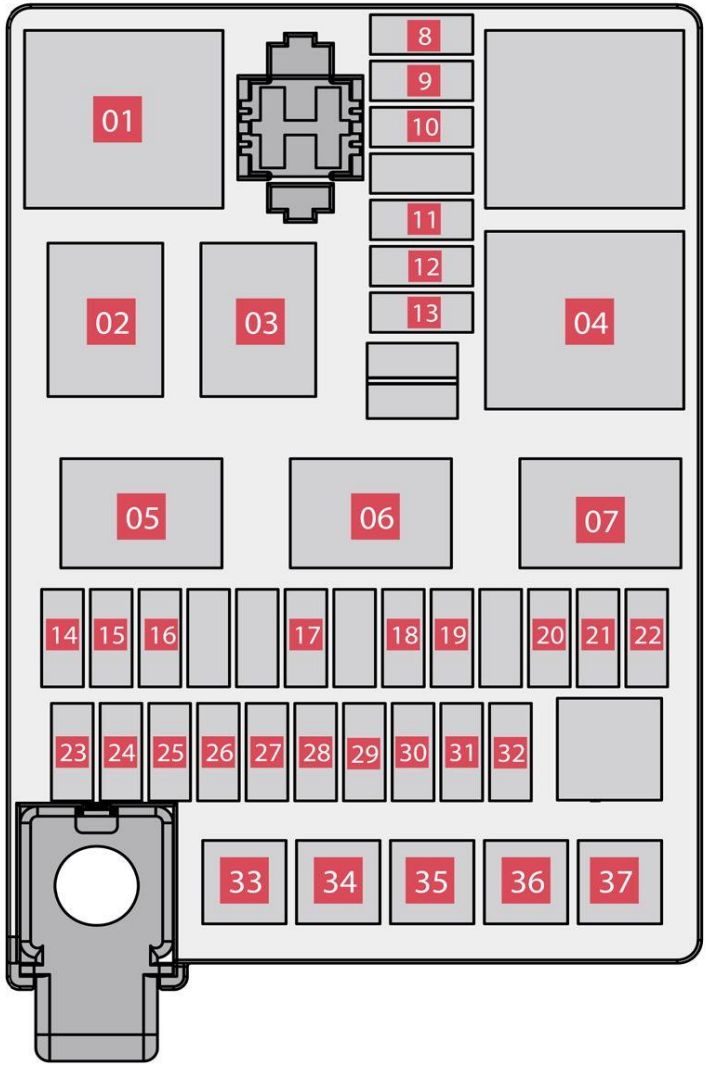
No.	Item	Rated current	No.	Item	Rated current
10	A/C blower power supply	5A	13	Water pump	15A
11	EVCC	5A	14	MCU	10A
12	Wiper	20A	15	Brake switch	5A

No.	Item	Rated current	No.	Item	Rated current
16	VCU	15A	23	VCU&MCU Wake-up	5A
17	OBC	15A	24	ESC	30A
18	Main relay	5A	25	Lower beam	20A
19	Pedestrian warning speaker	5A	26	High beam	15A
20	A/C high and low-voltage switch	5A	27	ESC motor	40A
21	Brake switch	5A	28	EHB	40A
22	ESC&EHB Wake-up	5A	29	High and low-speed fan	25A

Abbreviation in English:

- ABS: anti-lock brake system; EHB: electronic hydraulic brake
- MCU: motor control unit; VCU: vehicle control unit
- ESC: electronic stabilization control; OBC: on-board charger
- EVCC: electric vehicle charge controller

Instrument panel PDU



Relay definition of instrument panel PDU

No.	Item	No.	Item
01	Rear defroster relay	05	Trunk lock relay
02	EPB supply relay 1	06	EPB supply relay 2
03	EPB transfer relay 1	07	EPB transfer relay 2
04	IG relay	-	-

Fuse definition of instrument panel PDU

No.	Item	Rated current	No.	Item	Rated current
08	Power outlet	20A	10	VDDM, central locking switch, clock spring, rearview mirror adjusting switch	5A
09	IG feedback, T-BOX wake-up, instrument panel wake-up	5A	11	EPS controller	5A

No.	Item	Rated current	No.	Item	Rated current
12	Motor compartment PDU, BMS wake-up	10A	21	Instrument cluster, DLC	10A
13	SRS module	10A	22	T-BOX	5A
14	EPB power supply	5A	23	A/C control unit, TPMS switch power supply, rear defroster relay coil	10A
15	BMS power	10A	24	Left door window regulator power supply	30A
16	Gear switch	5A	25	ESCL	10A
17	Radar	5A	26	BCM lamp fuse	25A
18	USB charging	5A	27	BCM saver fuse	20A
19	A/C control , sunlight sensor	5A	28	BCMPEPS	15A
20	Large screen	25A	29	BCMLOCK	25A

No.	Item	Rated current	No.	Item	Rated current
30	Right door window power supply	30A	34	Blower power supply	40A
31	Liftgate lock relay	5A	35	Instrument panel power supply	40A
32	Rear defroster	30A	36	EPB1	30A
33	IG relay	40A	37	EPB2	30A

Abbreviation in English:

- BCM: body control module; BMS: battery management system
- EPS: electric power steering; ESCL: electronic steering column lock
- PEPS: passive entry passive start; T-BOX: remote communication module
- TPMS: tire pressure monitoring system; USB: universal serial bus
- EPB: electric park brake

NOTE

As the ongoing improvement and upgrading of the vehicle, the specifications and functions of some fuses or relays may change. If the fuses or relays of the actual vehicle are inconsistent with the above, the actual vehicle shall prevail. Definitions are marked on the inner side of the corresponding fuse box cover.

Bulb specifications

Item	Specification
Front combination lamp - low beam	H7
Front combination lamp - high beam	H7
Front combination lamp - position lamp	LED module
Front combination lamp - turn signal lamp	LED module
Side turn signal lamp	W5W
High-mounted stop lamp	LED module + Fresnel lens
Rear combination lamp - position lamp	LED
Rear combination lamp - brake lamp	LED
Rear combination lamp - turn signal lamp	LED
Rear fog light	W21W
Reverse lamp	LED
License plate lamp	W5W
Front interior dome lamp	LED
Trunk light	W5W

Maintenance

The vehicle shall be maintained every 1 year/10, 000 km (whichever comes first). The first maintenance is provided free of charge by Hozon Auto.

Table 1: Maintenance schedule

Maintenance interval / Maintenance items	Time (year) or accumulative mileage (km), whichever comes first										
	Year	1	2	3	4	5	6	7	8	9	...
	Mileage (km)	10000	20000	30000	40000	50000	60000	70000	80000	90000	
Reducer gear oil change		√		√		√		√		√	
Replace air conditioner filter			√	√	√	√	√	√	√	√	√
Change antifreeze					√				√		
Change brake fluid					√				√		
Safety inspection		√	√	√	√	√	√	√	√	√	√

Note: "√" means this item is required.

Table 2: Maintenance items and descriptions (I: inspection, adjustment\correction\cleaning or replacement will be conducted if necessary; R: replacement)

Maintenance interval / Maintenance items		Time (year) or accumulative mileage (km), whichever comes first											
	Year	1	2	3	4	5	6	7	8	9	10	11	12
	Mileage (km)	10000	20000	30000	40000	50000	60000	70000	80000	90000	100000	110000	120000
1. Traction battery system	Safety protection	I	I	I	I	I	I	I	I	I	I	I	I
	Insulation	I	I	I	I	I	I	I	I	I	I	I	I
	Condition of connectors	I	I	I	I	I	I	I	I	I	I	I	I
	Identification			I		I		I		I		I	
	Tightening torque of bolts	I	I	I	I	I	I	I	I	I	I	I	I
	Traction battery heating function	I	I	I	I	I	I	I	I	I	I	I	I
	Inspection of exterior	I	I	I	I	I	I	I	I	I	I	I	I
	Data acquisition	I	I	I	I	I	I	I	I	I	I	I	I

Maintenance interval / Maintenance items		Time (year) or accumulative mileage (km), whichever comes first											
	Year	1	2	3	4	5	6	7	8	9	10	11	12
	Mileage (km)	10000	20000	30000	40000	50000	60000	70000	80000	90000	100000	110000	120000
2. Motor system	Safety protection	I	I	I	I	I	I	I	I	I	I	I	I
	Insulation	I	I	I	I	I	I	I	I	I	I	I	I
	Cooling of motor and control unit	I	I	I	I	I	I	I	I	I	I	I	I
	Inspection of exterior			I		I		I		I		I	
3. Electric control system	Protection and fixing of low-voltage harnesses in motor compartment and other places	I	I	I	I	I	I	I	I	I	I	I	I
	Condition of connectors in motor compartment and other places	I	I	I	I	I	I	I	I	I	I	I	I
	Protection and fixing of high-voltage harnesses of motor compartment and chassis	I	I	I	I	I	I	I	I	I	I	I	I
	Fixing of high-voltage and low-voltage electric consumers and connection of connectors of motor compartment and chassis	I	I	I	I	I	I	I	I	I	I	I	I
	Battery	I	I	I	I	I	I	I	I	I	I	I	I
	Light and signal	I	I	I	I	I	I	I	I	I	I	I	I

Maintenance interval / Maintenance items		Time (year) or accumulative mileage (km), whichever comes first											
	Year	1	2	3	4	5	6	7	8	9	10	11	12
	Mileage (km)	10000	20000	30000	40000	50000	60000	70000	80000	90000	100000	110000	120000
3. Electric control system	Charging port and high-voltage wire	I	I	I	I	I	I	I	I	I	I	I	I
	High voltage insulation monitoring system	I	I	I	I	I	I	I	I	I	I	I	I
	Fault diagnosis system alarm monitoring	I	I	I	I	I	I	I	I	I	I	I	I
4. Brake system	Parking brake	I	I	I	I	I	I	I	I	I	I	I	I
	Brake	I	I	I	I	I	I	I	I	I	I	I	I
	Brake fluid	To be changed every 2 years or 40,000 km											
	Brake vacuum pump and control unit	I	I	I	I	I	I	I	I	I	I	I	I
	Front and rear brake linings	I	I	I	I	I	I	I	I	I	I	I	I
5. Steering system	Connection and fastening condition of steering wheel and steering column	I	I	I	I	I	I	I	I	I	I	I	I
	Connection and fastening condition of steering gear body	I	I	I	I	I	I	I	I	I	I	I	I

Maintenance interval / Maintenance items		Time (year) or accumulative mileage (km), whichever comes first											
	Year	1	2	3	4	5	6	7	8	9	10	11	12
	Mileage (km)	10000	20000	30000	40000	50000	60000	70000	80000	90000	100000	110000	120000
5. Steering system	Clearance of steering tie rod and dust cover	I	I	I	I	I	I	I	I	I	I	I	I
	Steering assist function	I	I	I	I	I	I	I	I	I	I	I	I
6. Body system	Windshields and their washers and wipers	I	I	I	I	I	I	I	I	I	I	I	I
	Skylight	I	I	I	I	I	I	I	I	I	I	I	I
	Seats and slide rails	I	I	I	I	I	I	I	I	I	I	I	I
	Door locks and hinges	I	I	I	I	I	I	I	I	I	I	I	I
	Motor compartment door hinge and latch	I	I	I	I	I	I	I	I	I	I	I	I
	Liftgate (trunk lid) hinge and latch	I	I	I	I	I	I	I	I	I	I	I	I
7. Transmission and suspension system	Reducer	I	I	I	I	I	I	I	I	I	I	I	I
	Reducer oil	R		R		R		R		R		R	

Maintenance interval / Maintenance items		Time (year) or accumulative mileage (km), whichever comes first											
	Year	1	2	3	4	5	6	7	8	9	10	11	12
	Mileage (km)	10000	20000	30000	40000	50000	60000	70000	80000	90000	100000	110000	120000
7. Transmission and suspension system	Drive shaft	I	I	I	I	I	I	I	I	I	I	I	I
	Wheel rims			I		I		I		I		I	
	Tires	I	I	I	I	I	I	I	I	I	I	I	I
	Connection condition of subframe and suspensions	I	I	I	I	I	I	I	I	I	I	I	I
	Front and rear shock absorbers	I	I	I	I	I	I	I	I	I	I	I	I
	Motor compartment door hinge and latch	I	I	I	I	I	I	I	I	I	I	I	I
8. Cooling system	Level and freezing point of coolant	I	I	I	I	I	I	I	I	I	I	I	I
	Cooling pipeline	I	I	I	I	I	I	I	I	I	I	I	I
	Water pump	I	I	I	I	I	I	I	I	I	I	I	I
	Radiator	I	I	I	I	I	I	I	I	I	I	I	I

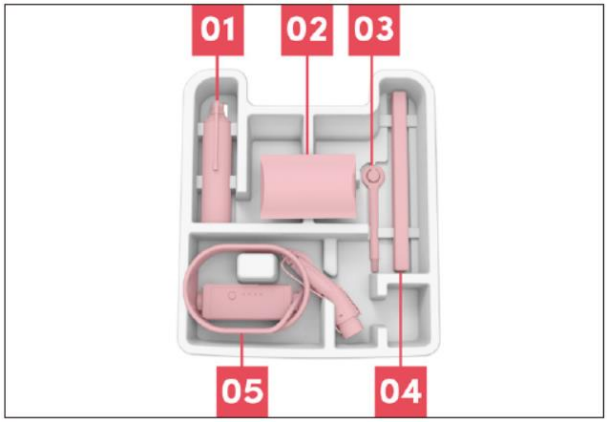
Maintenance interval / Maintenance items		Time (year) or accumulative mileage (km), whichever comes first											
	Year	1	2	3	4	5	6	7	8	9	10	11	12
	Mileage (km)	10000	20000	30000	40000	50000	60000	70000	80000	90000	100000	110000	120000
9. A/C system	Cooling and heating function of A/C	I	I	I	I	I	I	I	I	I	I	I	I
	Compressor and control unit	I	I	I	I	I	I	I	I	I	I	I	I
	A/C pipeline and its connection and fixing	I	I	I	I	I	I	I	I	I	I	I	I
	Condensate drain port of A/C system			I		I		I		I		I	
	Air conditioner filter	I	R	I	R	I	R	I	R	I	R	I	R
10. Vehicle performance	Power performance, braking performance, ride comfort, noise, gear shift, etc.	I	I	I	I	I	I	I	I	I	I	I	I
	Testing with computer: read the fault information stored in each system control unit with professional diagnostic scan tool	I	I	I	I	I	I	I	I	I	I	I	I
	Condition of chassis (free of scratch)	I	I	I	I	I	I	I	I	I	I	I	I
	Function test of seat belts and airbags	I	I	I	I	I	I	I	I	I	I	I	I

Emergency opening of liftgate

Emergency opening of liftgate (Refer to Liftgate, page 10).

Driver's tools

Driver's tools



Driver's tools are placed under the trunk cover plate.

Driver's tools include:

01: tire sealant

02: reflective vest

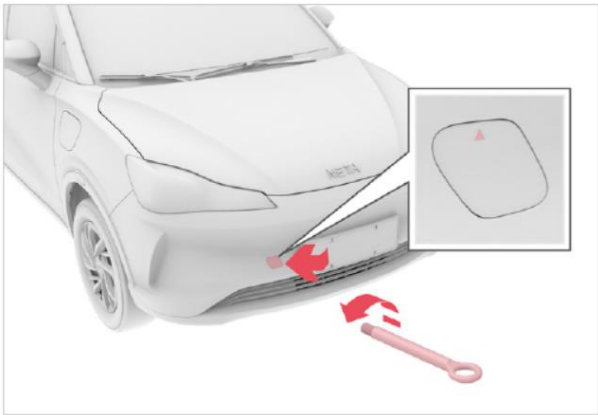
03: towing hook

04: warning triangle

05: portable charger

Use method (Refer to Charging operation, page 67).

Towing hook



Use:

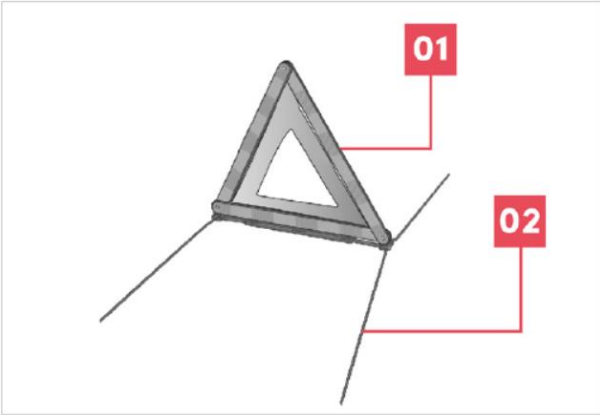
1 Press the upper part of the towing hook plug cap (at the triangle sign) to take off the plug cap.

2 Tighten the towing hook clockwise.

CAUTION

- Release the parking brake during towing.

Warning triangle



Use:

1 Unfold the two edges 01 of the warning triangle, and lock the upper latch.

2 Unfold the four brackets 02 at the bottom.

CAUTION

- When the vehicle fails on an expressway, please set up the warning triangle 150m behind the vehicle;
- When the vehicle fails on a general road, please set up the warning triangle 50~100m behind the vehicle.
- Direct the reflective surface towards the vehicle coming from behind for warning.

Reflective vest

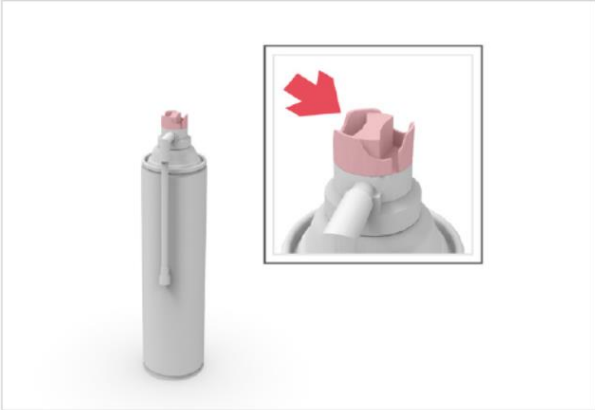
Use:

When the driver stops the vehicle for troubleshooting or needs to get off the vehicle for accident handling, the driver should put on the reflective vest with the reflective strips outside to warn other vehicles and thereby avoid secondary accidents.

Tire sealant

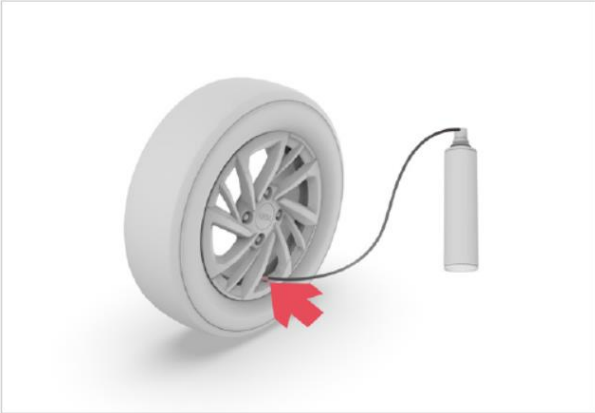
⚠ Warning

- Before using the tire sealant, be sure to carefully read the safety warnings or instructions indicated on the product. Otherwise, improper operation may lead to poor tire repair or other accidents.

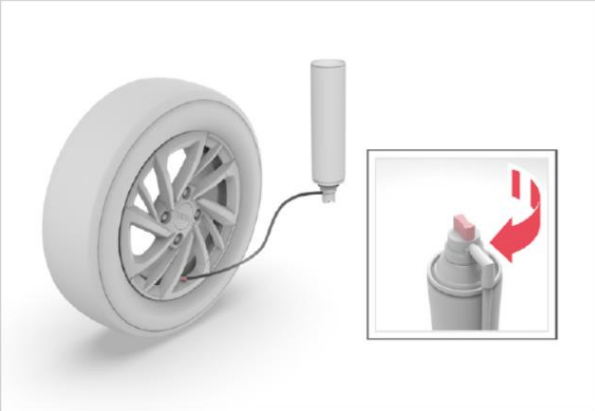


Use:

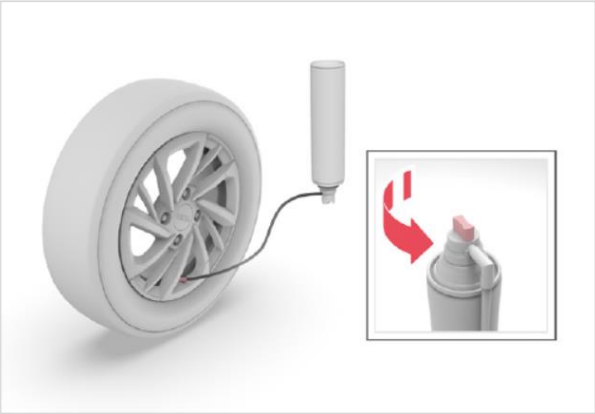
1. Shake up the tire sealant before use, and then tear off the safety cover of the connecting valve.



2. Tighten the connecting valve of tire sealant together with the tire valve.



3. Turn the red valve clockwise, and put the bottle upside down to start inflating and repairing the tire.



4 After the tire sealant is injected, close the valve counterclockwise, remove the connecting valve, and then go to the Neta city partner or a professional tire repair shop for tire repair or replacement as soon as possible.

NOTE

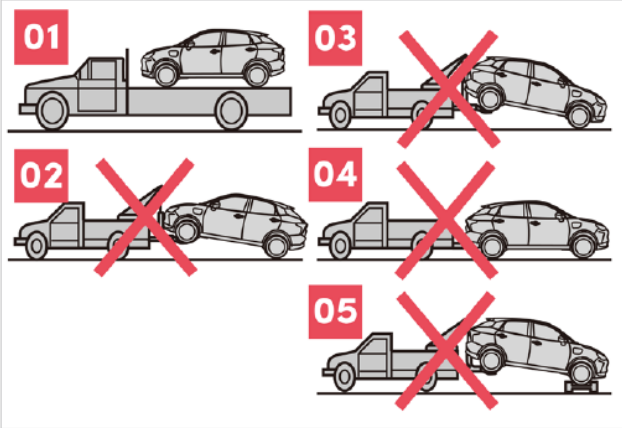
- The tire sealant is a disposable product. After use, check that the tire sealant in the rubber hose does not flow.
- After the tire sealant is used, the vehicle speed shall not exceed 80km/h.

Warning

- This product can effectively repair punctures with diameter less than 6 mm. Within this diameter range, puncturing objects can be pulled out for repair. Otherwise, do not pull out the puncturing objects after injecting the tire sealant.
- If it is required to pull out the puncturing objects and then perform repair, please move the vehicle slightly to make the puncture directly at the 6 o'clock position before injecting the tire sealant.
- To use this product at the ambient temperature (-40°C~0°C), please warm up this product to above 0°C first to improve the injection efficiency of tire sealant.
- After using this product, drive 10km or more in time, and then go to the Neta city partner or a professional tire repair shop for tire repair or replacement at once.
- If the tire sealant splashes on the tire or rim during use, rinse the tire or rim with fresh water or wipe it with a cloth. If the tire sealant accidentally splashes in eyes, please rinse eyes with fresh water and seek medical advice.
- This product is used to repair punctures in tread. Damaged shoulder, sidewall, valve, etc. are not covered in the repair scope of this product.
- The storage temperature of this product is -40°C~85°C. Avoid placing it in high temperature areas in the cabin such as front and rear windshields, and never make it come into contact with open flames.

Vehicle towing

If the vehicle cannot be started normally after an accident, it is recommended that the vehicle is towed away from the site.



Precautions for towing:

1 Tow the vehicle with four wheels off ground (01, as shown above), and never take the towing methods 02 03 04 05 shown above.

2 Before towing, switch off the vehicle power supply (Refer to Poweron and Poweroff, page 30), turn on the hazard warning light (Refer to Lamps, page 40) and lock all doors Refer to Key, page 04).

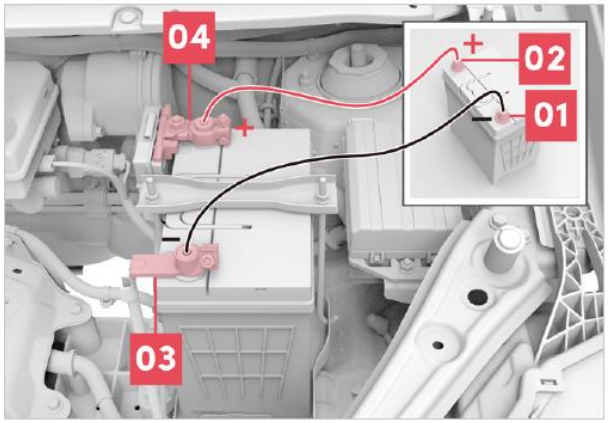
3 Nobody shall stay in the vehicle during towing.

CAUTION

- After the faulty vehicle is loaded onto the rescue vehicle, depress the parking brake pedal and secure the four wheels to prevent the vehicle from moving when the rescue vehicle is braked in case of emergency.
- If the flatbed truck can't be used for vehicle transfer as normal, the vehicle can be towed to a safe area by means of rigid coupling for rescue.
- When rigid coupling is used, long-distance towing should be avoided, and the towing speed should not exceed 5km/h.
- Do not tow the vehicle away from the site until it is confirmed that the vehicle free of safety risks. If the battery pack is deformed, leaking or smoking, handle such battery safety risks before towing.

Jump start

If the 12V low voltage battery is too low to start the vehicle, the vehicle can be started by using a jumper cable. After the vehicle is jump started successfully, please drive the vehicle to the Neta city partner for inspection and maintenance as soon as possible. If the jump start fails, please contact the Neta city partner.



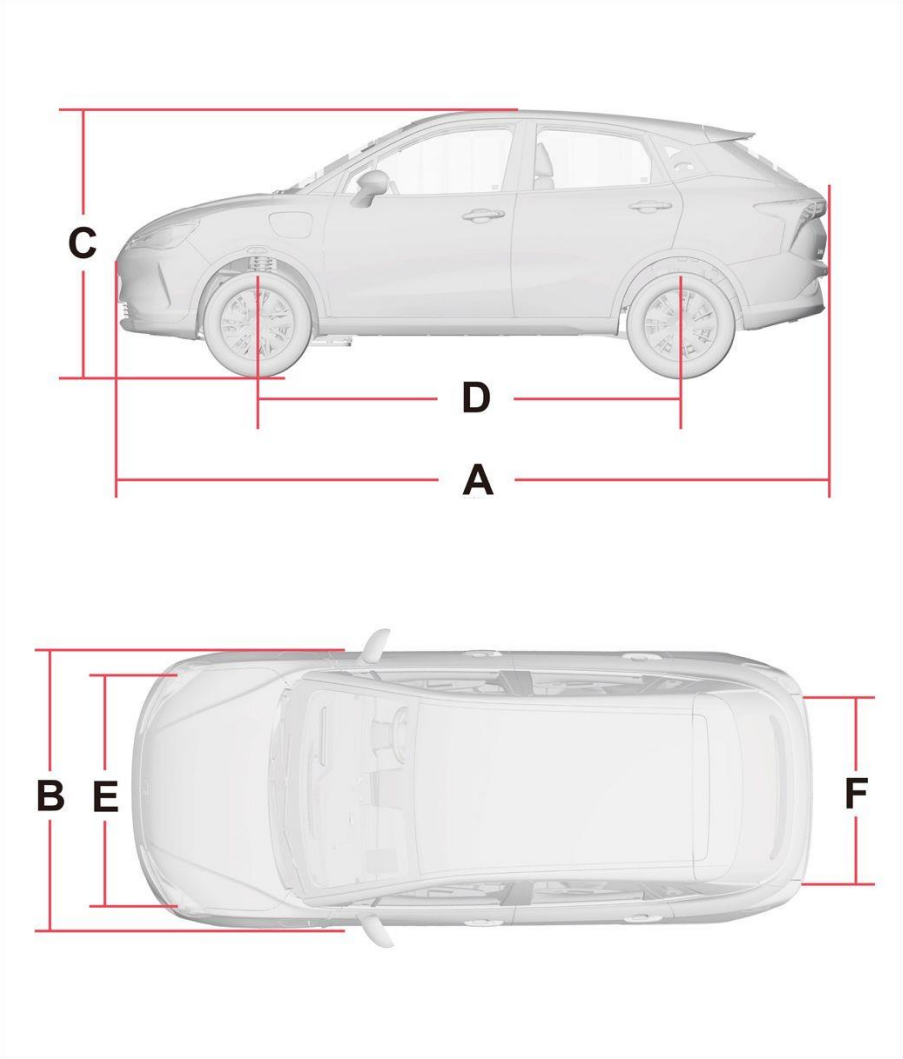
Operation steps:

1. Open the hood (Refer to Hood, page 11), and if necessary (for some models), remove the motor compartment trim cover (Refer to Motor Compartment Trim Cover, page 71).
2. Connect the red cable to the positive (+) terminal 02 of the low voltage battery of the rescue vehicle.
3. Connect the other end of the red cable to the positive (+) terminal 04 of the low voltage battery of the faulty vehicle.
4. Connect the black cable to the negative (-) terminal 01 of the low voltage battery of the rescue vehicle.
5. Connect the other end of the black cable to the negative (-) terminal 03 of the low voltage battery of the faulty vehicle.
6. Start the rescue vehicle, and then try to switch on the high-voltage power supply (Refer to Poweron and Poweroff, page 30) of the faulty vehicle. After the vehicle is successfully started, disconnect the jumper cables in the reverse order.

CAUTION

- The voltage of the power supply must be consistent with the voltage and capacity of the 12V low-voltage battery of this vehicle, otherwise an explosion may be caused.
- Do not expose the 12V low-voltage battery to open flame or static electricity, otherwise the combustible gas generated by the 12V low-voltage battery may be ignited by sparks, causing an explosion thereafter.
- Be careful when connecting the cables to avoid short circuit with other components in the motor compartment.
- When the 12V low-voltage battery is damaged, frozen or melted, do not try to jump start the vehicle.
- Connect the cables in the correct sequence: connect the positive cable and then the negative cable.
- During operation, do not touch the high-voltage components, otherwise, you may be injured by high-voltage electric shock.
- Be sure to wear suitable safety goggles and protective gloves, and never lean over the 12V low voltage battery.
- Wash hands after handling the low voltage battery, because the low voltage battery and its related accessories contains lead, a toxic substance.

Outline dimensions of the vehicle



NOTE

- The exterior rearview mirrors (outside the two front doors) are not included in the measurement of outline dimensions.

Item	Parameter
A (length)	4070mm
B (width)	1690mm
C (height)	1540mm
D (wheelbase)	2420mm
E (front wheel track)	1440mm
F (rear wheel track)	1415mm

Mass parameters of the vehicle

Item	Parameter
Kerb mass	1269kg
Full-load mass (including occupants)	1569kg
Maximum full-load axle load (front axle)	748kg
Maximum full-load axle load (rear axle)	821kg

Economy performance

Item	Parameter
Driving range under NEDC conditions	384 km
Power consumption per 100 km under NEDC conditions	14.3 kwh

Free travel of brake pedal

Item	Parameter
Free travel of brake pedal	<10mm

Power performance

Item		Parameter
Maximum speed	D gear	≥ 100km/h
	S gear	≥ 120km/h
Maximum gradeability		≥ 20%
Acceleration time from 0km/h to 50km/h		≤ 3.9s
Hill starting ability with full load		≥ 20%
Drive mode		Front engine, front wheel drive

Braking performance

Item	Parameter
Braking distance (initial speed 100km/h/no load)	≤ 45m
Braking distance (initial speed 100km/h/full load)	≤ 50m
Braking distance (initial speed 50km/h/no load)	≤ 19m
Braking distance (initial speed 50km/h/full load)	≤ 20m
Brake deceleration (100km/h~0km/h)	≥ 6.43 m/s
Brake deceleration (50km/h~0km/h) with full load	≥ 5.9m/s
Brake deceleration (50km/h~0km/h) with no load	≥ 6.2m/s
Pedal force	≤ 500N
Parking gradient	20% in full load state, and holding on uphill/downhill for more than 5 minutes

Trafficability

Item	Parameter
Minimum ground clearance (full load)	130mm
Minimum turning diameter	9.7m
Approach angle (full load)	17.9°
Departure angle (full load)	23.8°
Longitudinal trafficability angle (full load)	24.1°

Suspension

Item	Parameter
Front suspension	McPherson independent suspension
Rear suspension	Trailing arm dependent suspension
Front suspension length	808mm
Rear suspension length	842mm

Dimensions of brake friction pairs

Item	Parameter
Allowable wear of front brake disc	1mm (one side)
Thickness of front brake disc	12.3mm
Thickness of front brake lining	10mm
Wear limit of front brake lining	1mm (one side)
Diameter of front brake disc	236mm
End face runout of front brake disc	≤ 0.025mm
Allowable wear of rear brake disc	1mm (one side)
Thickness of rear brake disc	9mm
Thickness of rear brake lining	10.4mm
Wear limit of rear brake lining	2mm (one side)
Diameter of rear brake disc	236mm
End face runout of rear brake disc	≤ 0.025mm

Parameters for four-wheel alignment

Item	Parameter
Camber angle of front wheel	37' ± 45'
Front wheel toe-in (one side)	5' ± 5'
Inclination angle of kingpin	12°38' ± 30'
Caster angle of kingpin	5° 4′ ±30′
Camber angle of rear wheel	-11' ± 20'
Rear wheel toe-in (one side)	0' ± 15'

Low voltage battery

Item	Parameter
Battery rating	36Ah
Voltage/electrode	12V/positive cone

A/C refrigerant

Item	Parameter
Filling quantity	450g ± 20g
Grade	R134a

Windshield washer fluid

Item	Parameter
Filling quantity	2000ml ± 100ml

Brake fluid

Brake booster system	Item	Parameter
Hydraulic brake booster system	Filling quantity	490ml ± 20ml
	Grade	DOT4

Coolant

Item	Item	Parameter
Motor coolant	Filling quantity	3290ml
	Grade	GB29743-2013LEC-II-35
Battery coolant	Filling quantity	2000ml
	Grade	GB29743-2013LEC-II-35

Tire parameters

Item	Parameter
Rim type	16×6.0J
Tire model	185/55 R16
Tire pressure	220 ± 10kpa (no load)
	220 ± 10kpa (full load)

Dynamic balance parameters of wheels

Item	Parameter
Front wheel	≤ 5g on one side
Rear wheel	≤ 5g on one side

Traction battery parameters

Item	Parameter
Battery type	Lithium iron phosphate battery
Cell model	CB5X0
Battery type	Energy type
Cell shape	Square
Overall dimensions of cell	52 mm × 148 mm × 120 mm
Nominal voltage of cell	3.16V
Rated capacity of cell per hour, C1	115Ah
Cell mass	2.04 kg
Positive electrode material of battery	Olivine type lithium iron phosphate
Negative electrode material of battery	Graphite
Electrolyte of battery	Lithium hexafluorophosphate
Nominal voltage of battery	353.9V

Item	Parameter
Maximum DC working voltage of vehicle	408.8V
Rated output current	115A
Nominal capacity	115Ah
Total capacity	40.7KWh
Total mass	301 ± 9kg

Reducer parameters

Item	Parameter
Reducer model	WP70001826
Manufacturer	Zhuzhou CRRC
Item	Two-stage single gear ratio
Gear ratio of final drive	10.89
Reducer gear oil grade	FUCHSGL-475W-90
Gear oil amount	300ml ± 50ml

Drive motor parameters

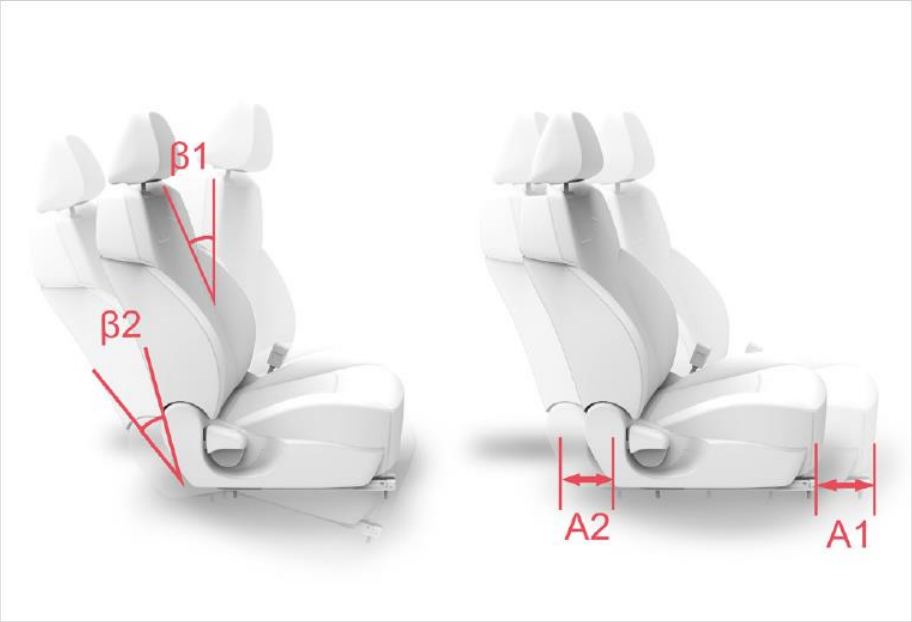
Item	Parameter	
Manufacturer	Zhuzhou CRRC	
Motor type	Permanent magnet synchronous motor	
Rated power	30kw	24kw*
Rated speed	4775r/min	4584r/min*
Rated torque	60N m	50N m*
Peak power	70kw	50kw*
Peak speed	13000r/min	13000r/min*
Peak torque	150N m	120N m*
* Depend on the vehicle equipment		

Metric terminology

Terminology	Description
M	Meter
s	Second
km/h	Kilometers per hour
kg	Kilogram
kw	Kilowatt
%	Percentage
V	Volt
kpa	Kilopascal
Khz	Kilohertz
Mhz	Megahertz
°C	Celsius degree
h	Hour
ml	Milliliter
km	Kilometer
mm	Millimeter
A	Ampere

Terminology	Description
dB(A)	Decibel
m/s^2	Meter per square second
N	Newton
°	Degree
′	Minute
Ah	Ampere hour
g	Gram
bar	Bar
Mbar	Megabar
KW·h	Kilowatt Hour
r/min	Revolution per minute
N·m	Newton meter

Design status of seats



Length of front seat cushion: 588mm

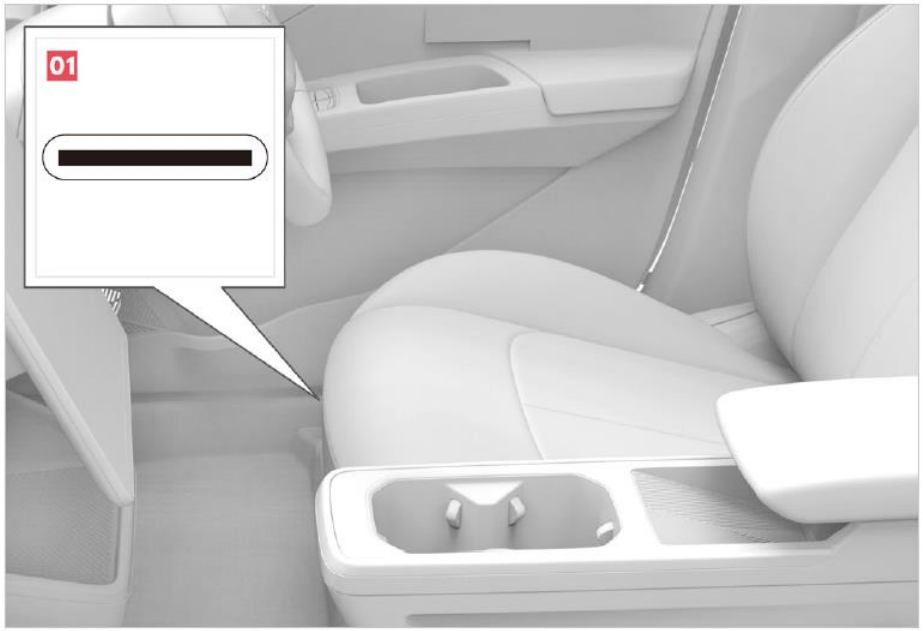
4-way adjustable seat

The front seat rails can be adjusted 220mm forward (A1) or 20mm backward (A2) relative to the design position.

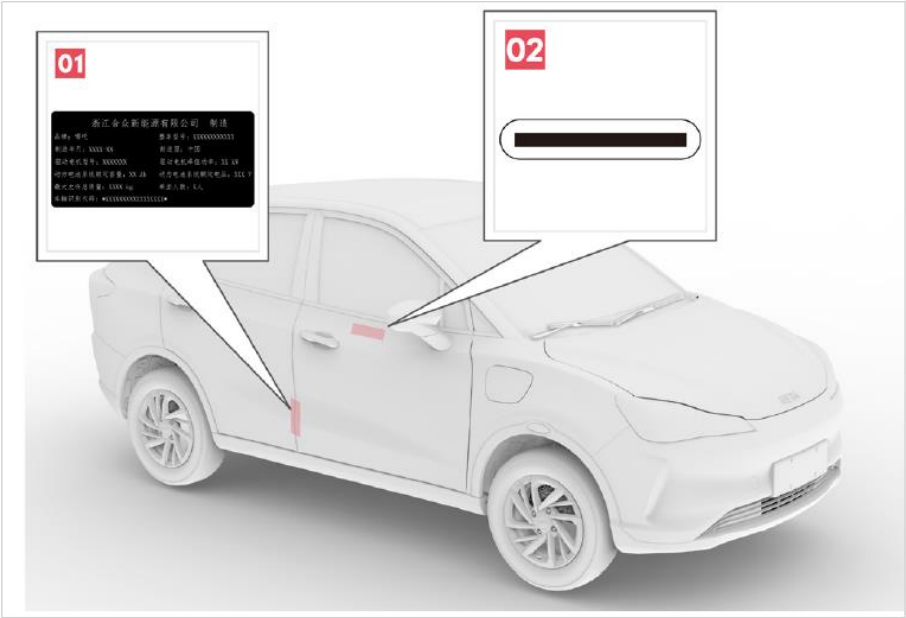
The seat back can be tilted forward by 27° (β1) or backward by 34° (β2), with a total stroke of 61°.

Vehicle identification number (VIN)

You can find VIN at the following locations.

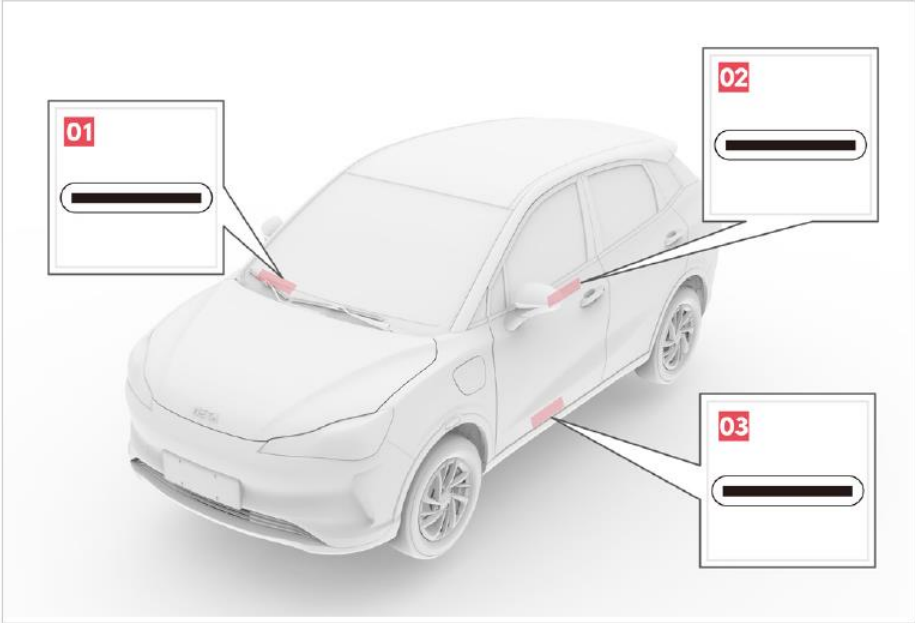


01: on the body panel under the driver's seat (visible through an access port on the carpet under the seat).



01: at front lower part of right B-pillar (visible after the right front door is opened).

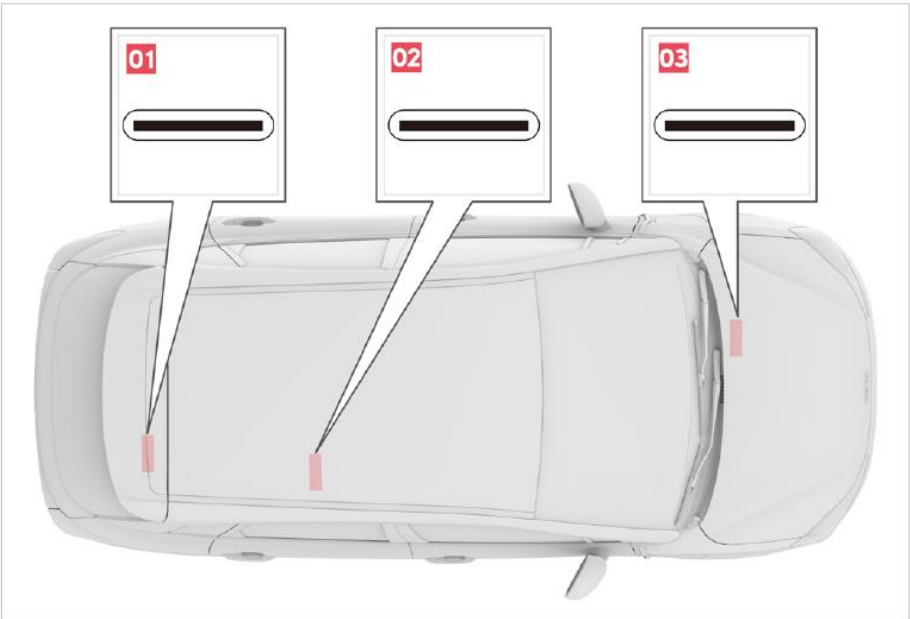
02: on the right front door inner panel (visible after the right front door guard plate is removed).



01: on the front windshield beam cover plate at the lower part of right A-pillar (visible through the access port of front windshield).

02: on the left front door inner panel (visible after the left front door guard plate is removed).

03: on the left front door sill inner side beam panel (visible after the left front door sill guard plate is removed).



01: on the liftgate inner panel (visible after the liftgate is opened).

02: on the panel under the right rear seat cushion (visible after the rear seat cushion is removed and the carpet is lifted up).

03: on the hood inner panel (visible after the hood is opened).

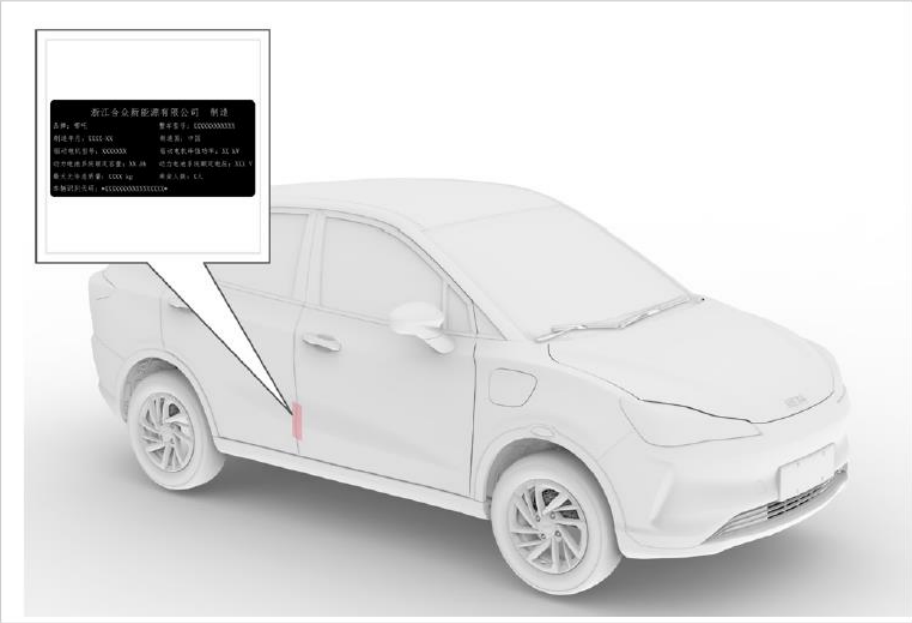
Vehicle labels

Locations of labels available on the vehicle (such as vehicle nameplate, tire pressure label, refrigerant charging label, etc.) are described as below.

NOTE

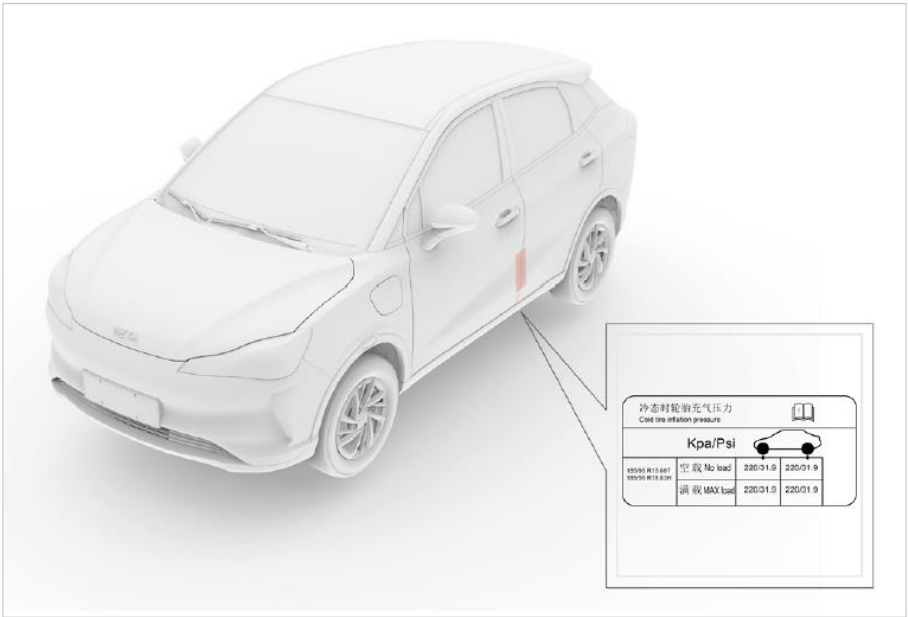
- The labels, nameplates and engraved codes shown below generally indicate their appearance and location on the vehicle.
- Detailed information in labels, nameplates and engraved codes shall be subject to the actual vehicle.

Vehicle nameplate



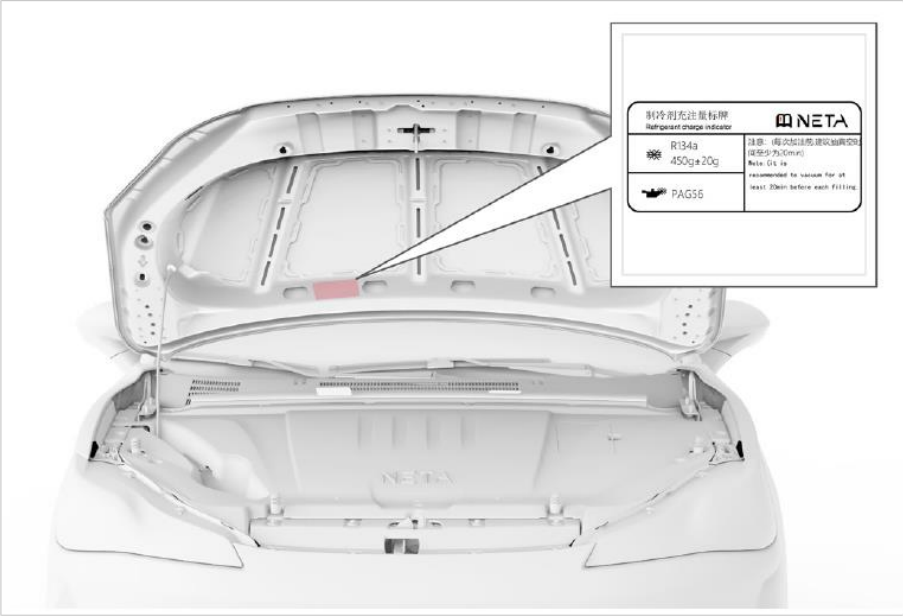
The vehicle nameplate is located at the front lower part of the right B-pillar.

Tire pressure label



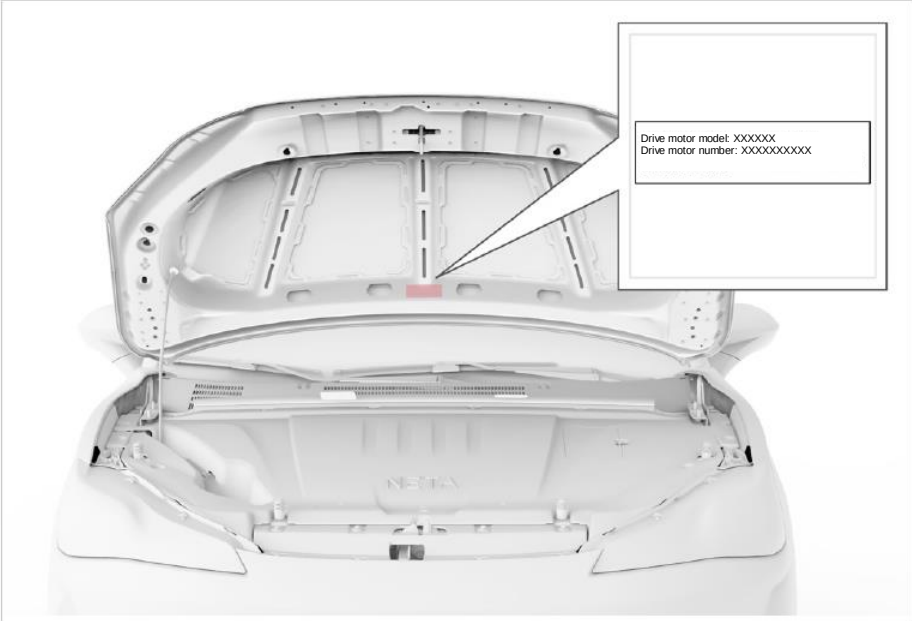
The tire pressure label is located at the front lower part of the left B-pillar.

Refrigerant charging label



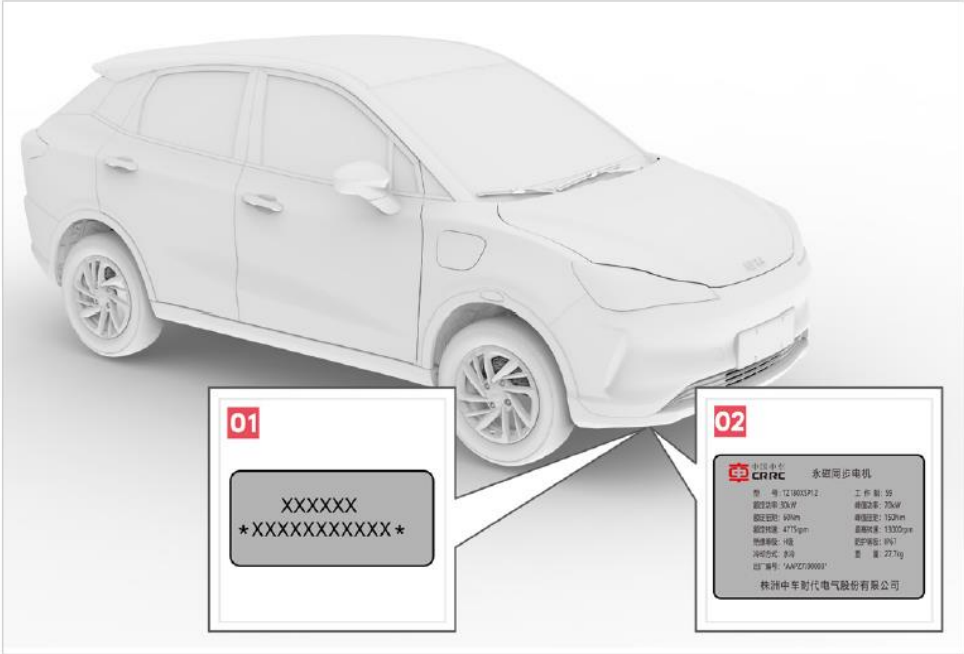
The refrigerant charging label is located on the hood inner panel.

Drive motor model and number label



The drive motor model and number labels are located on the hood inner panel.

Drive motor nameplate and engraved code



The engraved model and number of the drive motor, as well as the nameplate, are indicated on the underside of the drive motor.