Foreword

Thank you for choosing Hongqi EH5!

Hongqi EH5 is equipped with various luxury equipment and advanced technologies. In order to make full use of these equipment and technologies in your vehicle life in the future, it is recommended that you read this manual carefully so that you can quickly and comprehensively understand Hongqi EH5.

This manual provides detailed instructions on safe driving, vehicle maintenance, and emergency countermeasures in addition to introducing how to use the vehicle, aiming to enable you to use the vehicle safely and comfortably, while maximizing the value of the vehicle.

This manual is based on the product's conditions at the time of publication, subsequent product changes will be revised at the time of reprinting and the revisions will be made without notice. Thanks for understanding.

For any further questions about the vehicle or if you feel the information provided in the accompanying documents is insufficient, please consult an authorized FAW Hongqi dealer, and we will be happy to help you!

You can view or download the latest version of the Owner's Manual from the Hongqi official website. Before using the vehicle, it is recommended that you read the manual carefully.

Official website: https://www.hongqi-auto.com

Have a nice drive!

China FAW Group Import and Export Co., Ltd

Instructions for use

The user must hold a driving license before driving the vehicle on the road. This manual is intended for such users.

As a general manual, this manual is applicable to multiple models of EH5. Some of the equipment described in the manual may not be installed on your vehicle.

* in this manual indicates that the configurations and functions may vary depending on model.

This manual only describes the use of vehicle functions. For specific configuration information of vehicle, please refer to the relevant sales materials or consult the dealer you purchased the vehicle.

The pictures in this manual are for reference only to help you understand the vehicle more intuitively, which may be slightly different from your vehicle. Please refer to the real vehicle configurations.

All specifications provided in this manual are up-to-date when it goes to press. However, due to ongoing modifications and improvements by FAW, the equipment and performance of the follow-up models may vary. Thus, the content of this manual is subject to change without notice. Please do not compare the owner's manual of other versions with the equipment and performance of your vehicle, or require for retrofitting based on the difference between the two. If you have any questions about your vehicle or this owner's manual, please consult an authorized FAW Hongqi dealer.

This manual was published in May 2025

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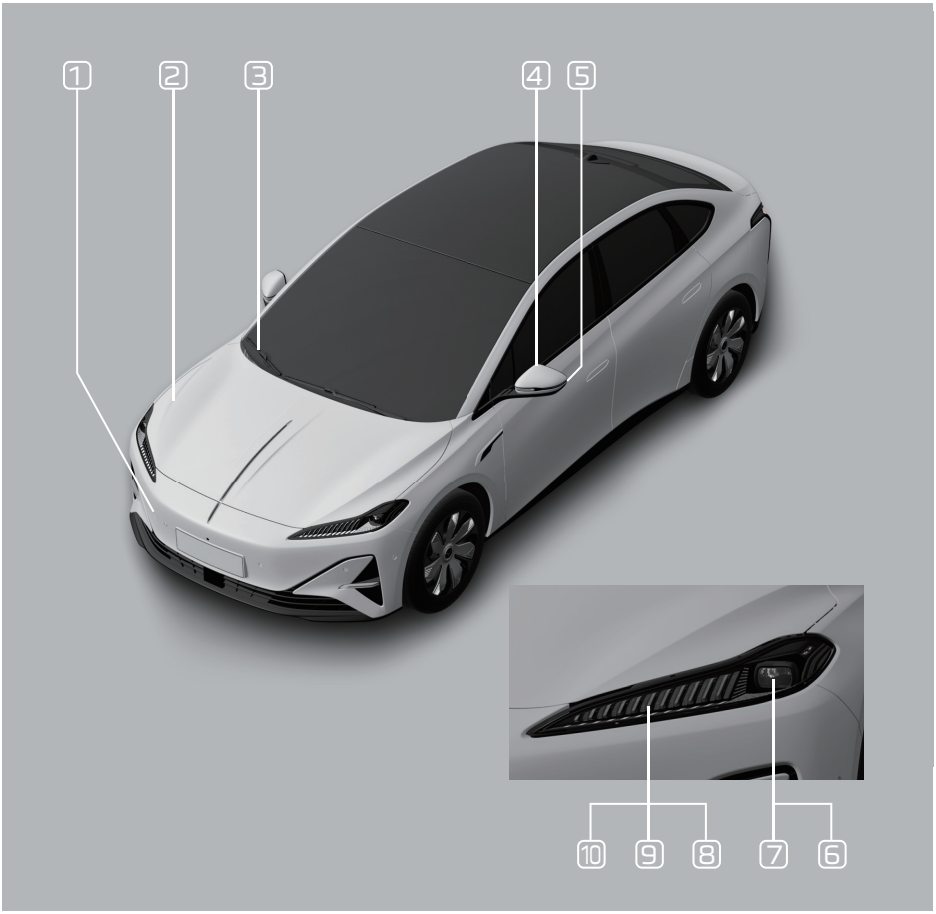
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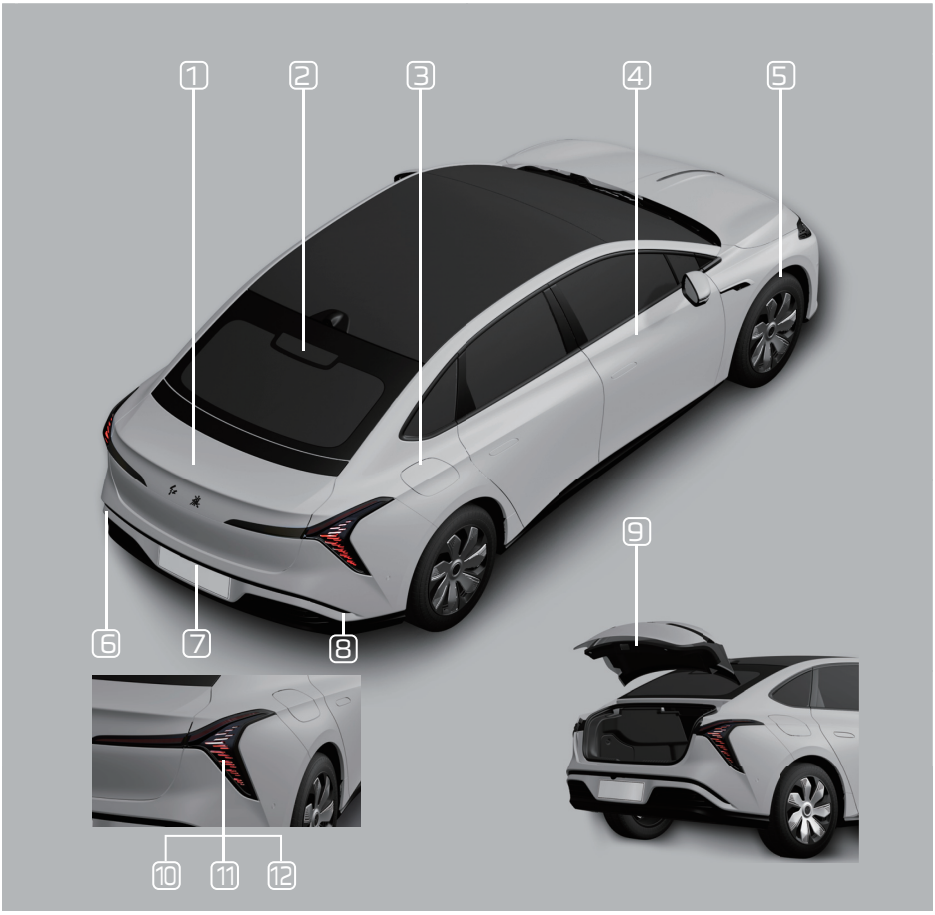
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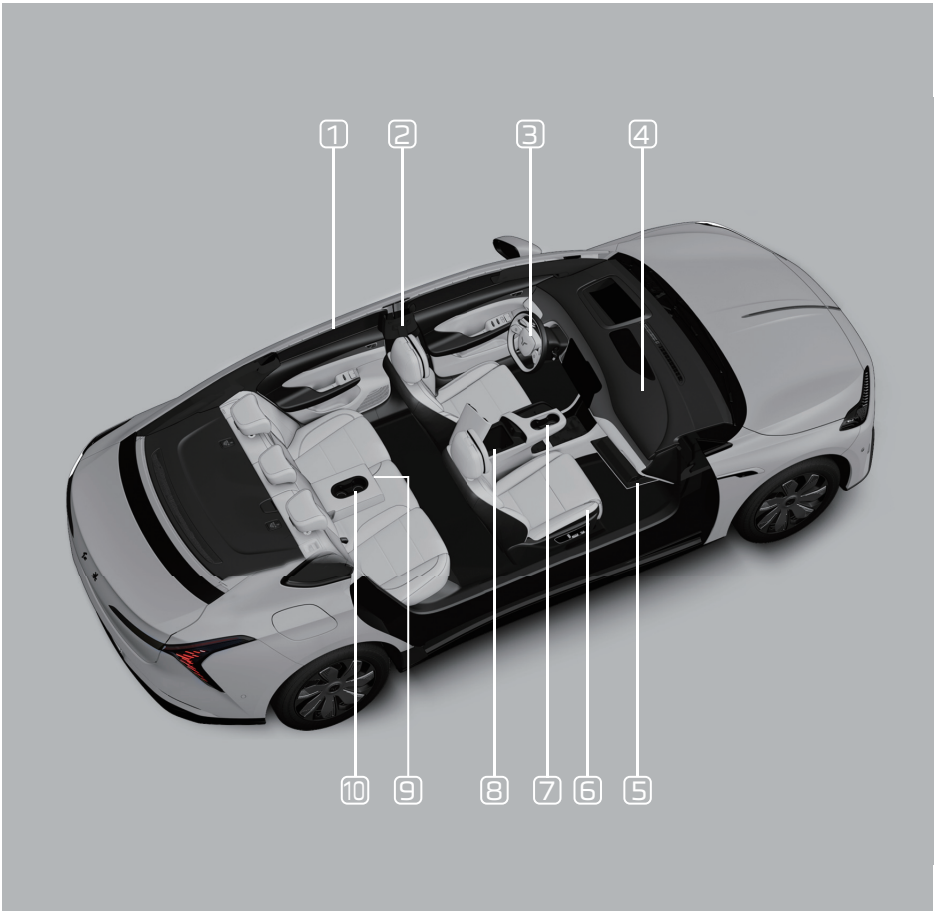
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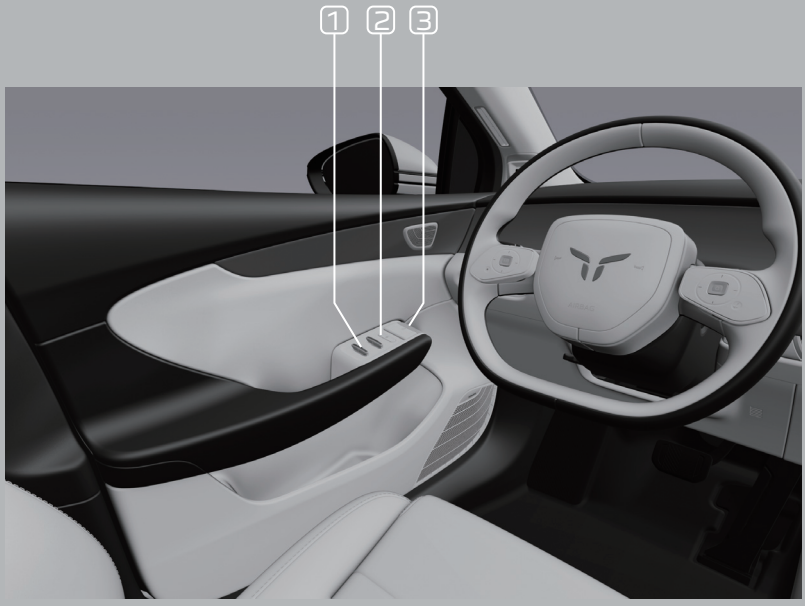
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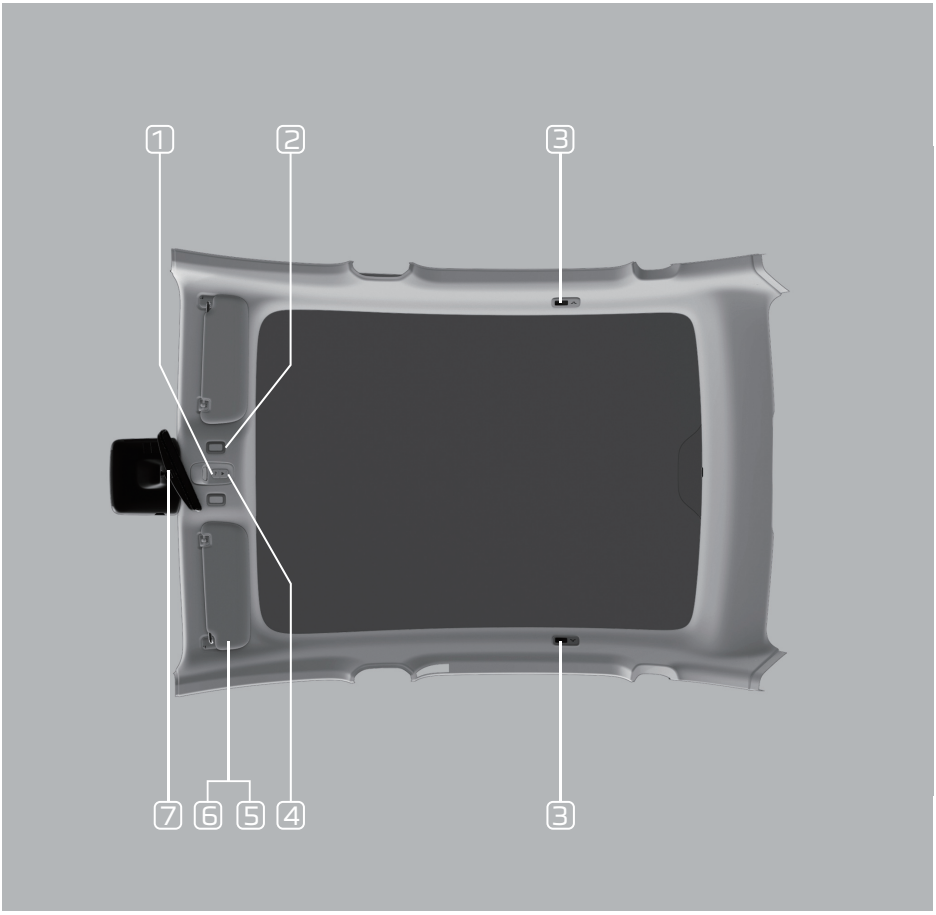
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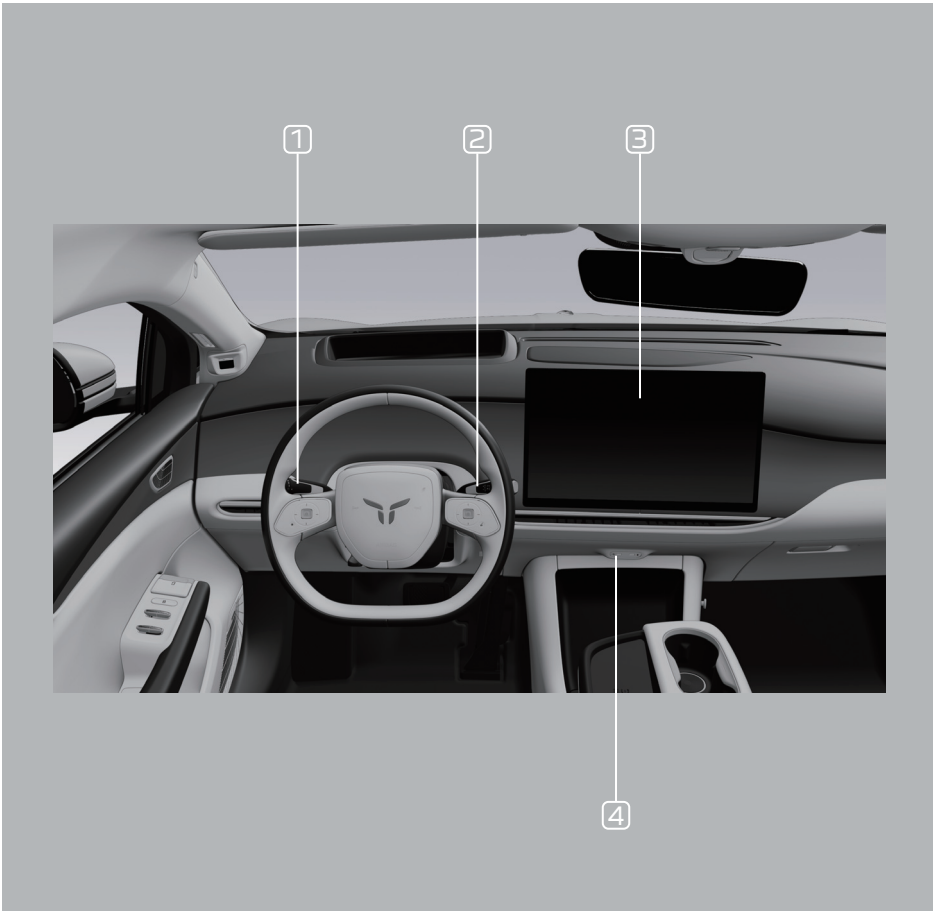


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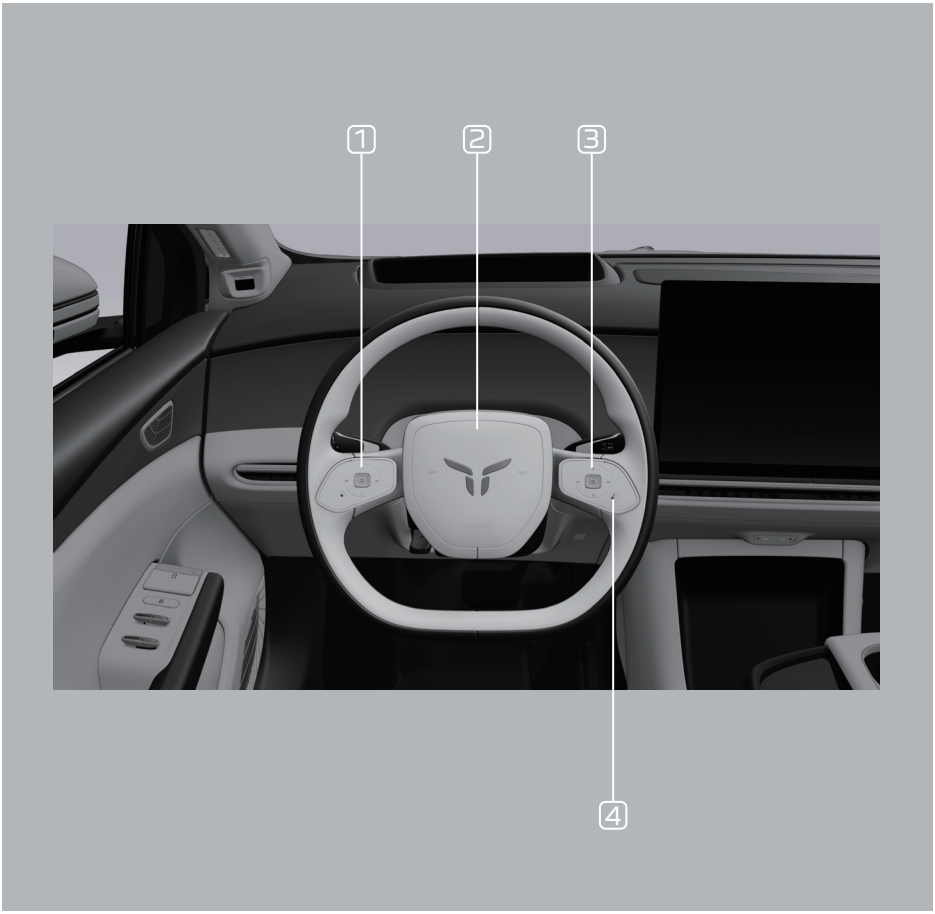
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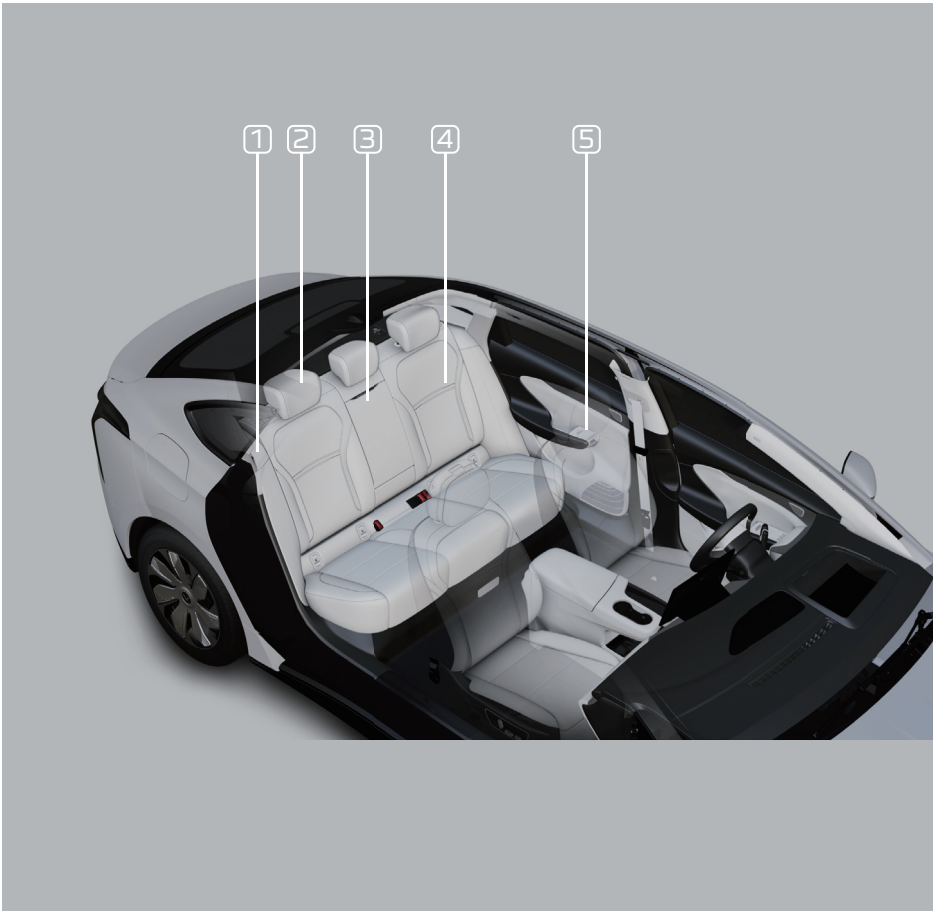
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Reference information

Accessories, spare parts and modifications of vehicle

An authorized FAW Hongqi dealer has the advanced tools, equipment and genuine spare parts for the maintenance and service of your vehicle. We strongly recommend that you use FAW genuine spare parts and accessories that meet the requirements of this vehicle.

For any non-genuine spare parts or accessories, whether they are used for replacement or installation, FAW neither assumes any responsibility nor provides any guarantee. In addition, vehicle damage and performance problems due to the use of the above-mentioned spare parts or accessories are not covered by free repair.

It is prohibited to illegally modify the vehicle with products not authorized by FAW, otherwise it may affect the safety, handling and durability of the vehicle, and may even violate local government regulations. In addition, problems due to modifications are not covered by free repair.

Reading Vehicle Identification Number (VIN)

Use a diagnostic scan tool to connect the OBD port of the vehicle; when reading VDC (central computing unit) information, you can read the VIN. Reading tool can be purchased in the market, and must meet ISO14229, ISO15765, ISO15031, and ISO11898 standards.

Installing RF transmitter system

Installation of the RF transmitter system may affect some electronic systems in the vehicle such as:

- Antilock brake system
- Cruise control system
- Airbag system
- Seat belt pretensioner system

Before installing the RF transmitter system, please consult an authorized FAW Hongqi dealer.

Scrapping of vehicle

Since the airbags and seat belt pretensioners contain explosive chemicals, if the vehicle is scrapped without removing them, accidents such as personal injury and fire may occur. Before scrapping the vehicle, be sure to contact a qualified company or institution to remove and dispose of the airbags and seat belt pretensioners. An authorized FAW Hongqi dealer is familiar with relevant laws and regulations and can provide you with consulting services.

Environmental protection

Used parts and waste oil:

- Dispose of the used parts and waste oil properly
- Improper disposal may lead to environmental pollution
- When scrapping the vehicle, please consult an authorized FAW Hongqi dealer

Vehicle model

This manual describes CA7009H0EV and CA7009H0EVA models.

⚠ WARNING

■ Precautions for driving

It is important for the driver to drive soberly, carefully and attentively.

- Drive soberly: Never drive the vehicle after drinking or taking medicine. Alcohol or certain medications may delay response time and impair judgment and coordination, thus resulting in serious injury or death.
- Drive carefully: Always drive with caution. Always pay attention to the movements of other vehicles and pedestrians in order to make timely judgments to prevent accidents.
- Drive attentively: Be sure to concentrate on driving. Anything distracting the driver's attention, such as adjusting the control buttons, making a phone call or reading, may lead to a collision and cause serious injury or even death.

■ Precautions regarding child safety

- Never leave children unattended in the vehicle.
- Do not allow children to carry or use the key, as they may cause a safety hazard by starting the vehicle or operating the shift lever.
- Do not allow children to play with doors, windows or other vehicle equipment as they may get injured.
- Make sure that the temperature inside the vehicle is appropriate, because too high or too low temperature may cause fatal injury to children.

Read this manual

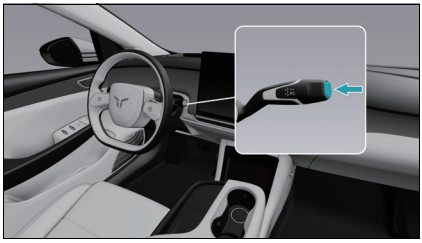
⚠ WARNING

Explains warnings that, if not obeyed, could cause serious injury or even death.

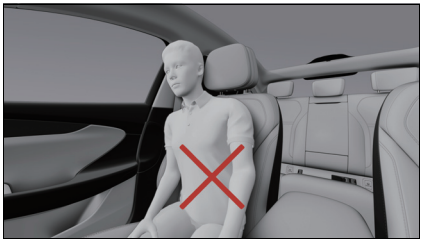
⚠ CAUTION

Explains precautions that, if not obeyed, could cause vehicle damage or malfunction.

Step 1 Indicates operating or working procedures, which should be performed in numerical order.



➡ Indicates the action (push, turn, press, etc.) used to operate the switch and other devices.

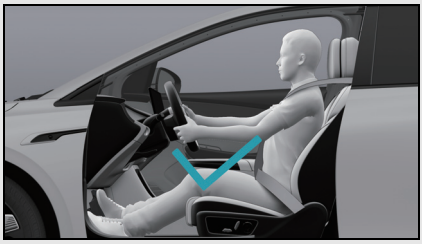


✕ Indicates "Do not", "Do not do", or "Do not do this".

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Before driving, adjust the seat, steering wheel and rearview mirrors to the proper positions to ensure safe driving.

■ Correct driving posture



- Sit up straight with your back against the seat back.
- Adjust the seat position forward or backward to ensure that you can depress the pedal to the desired position easily.
- Adjust the seat back for convenient access to various switches.
- Adjust the tilt angle of the steering wheel so that the airbag faces the driver's chest.
- Adjust and lock the headrest so that its center aligns with the top of your ears.
- Fasten the seat belt properly.

■ Correct use of seat belt

Before driving, make sure that the driver and all occupants have fastened the seat belts properly.
Children shall use appropriate child restraint systems until they become large enough to wear the vehicle's seat belt.

■ Adjustment of rearview mirrors

Adjust the interior and exterior rearview mirrors properly to ensure a clear rear view.

⚠ WARNING

■ Precautions when driving

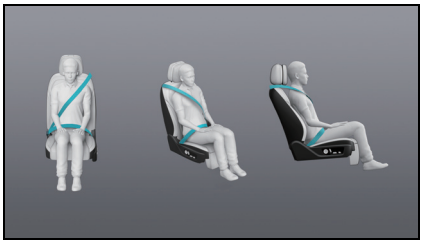
- Do not adjust the driver's seat while driving as this may result in loss of vehicle control.
- Do not place a cushion between your body and the seat back, as this will hinder proper sitting posture and reduce the effectiveness of seat belt and headrest.
- Do not place objects under the front seats as this may cause the objects to be caught between seat rails.
- During long-distance driving, please take appropriate breaks if you feel tired.
  If you feel tired or drowsy during driving, do not force yourself to continue driving but immediately rest.

■ Adjustment of seat position

- Be careful when adjusting the seat position to ensure that the seat does not hurt any other occupants.
- Do not place your hand under the seat or near the moving parts while adjusting the seat, otherwise your fingers may be pinched by seat adjustment device.

Before driving, make sure that the driver and all occupants have fastened the seat belts.

How to use seat belt correctly



- Stretch the shoulder belt so that it slopes across the shoulder, but does not touch the neck or slip off the shoulder.
- Spread the lap belt as low as possible across the hips.
- Adjust the position of the seat back so that you sit up straight with your back against the seat back.
- Do not twist the seat belt.

Fastening and unfastening seat belt



Insert the latch plate into the buckle until you hear a "click" sound, and fasten the seat belt.

Press the red release button on the buckle to unfasten the seat belt.

⚠ CAUTION

If any occupant does not fasten the seat belt, the multimedia display will give an alarm prompt when the vehicle reaches a certain speed.

■ **Emergency Locking Retractor (ELR)**

The retractor will lock the seat belt in the event of emergency braking or a collision. It will also lock the seat belt if you lean forward too quickly. Slow and smooth movement can stretch the seat belt, so that you can move freely.

■ **Use of child seat belt**

The seat belts on the vehicle are mainly designed for adults.

- Children shall use appropriate child restraint systems until they become large enough to wear the vehicle's seat belt.
- When children become large enough to wear the vehicle's seat belt, follow the instructions for using the seat belt. (See P. 24)

■ **Seat belt pretensioner (front seat and outside rear seat)**

- When the vehicle is subjected to serious frontal collision and side collision, the pretensioner will be activated to tighten the seat belt so as to quickly restrain the driver and occupant's bodies for better protection.
- The pretensioner may not be activated during a minor frontal collision, side collision or rear-end collision.

■ **Replacement of seat belt after pretensioner activation**

- If the vehicle is involved in multiple collisions, the seat belt pretensioner will be activated during the first collision, but no longer be activated during the second and subsequent collisions.
- After the seat belt pretensioner is activated in a collision, please contact an authorized FAW Hongqi dealer to replace the seat belt in time. If not replaced, the risk of serious injury to the occupants may be increased during the second collision.
- Immediately after any collision, please contact an authorized FAW Hongqi dealer for inspection of seat belt pretensioners and airbags.

■ **Seat belt regulations**

If there are seat belt regulations in your country or region, please contact an authorized FAW Hongqi dealer for replacement or installation of the seat belt.

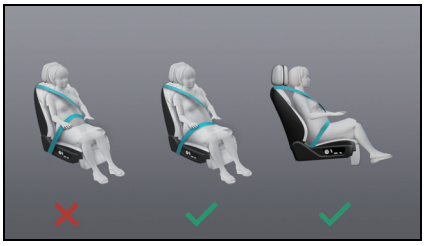
⚠ WARNING

To reduce the risk of injury due to emergency braking, emergency steering, or accidents, observe the following precautions; otherwise, serious injury or death may be caused.

■ **Fasten the seat belt properly**

- Make sure that all occupants have fastened the seat belts.
- Be sure to fasten the seat belt properly at all times.
- Do not over-recline the seat for comfort. The seat belt provides the maximum protection only when you sit up straight with your back against the seat back.
- Do not place the shoulder belt under your arms.
- Be sure to spread the seat belt as low as possible across the hips.

■ **Pregnant women**



- Please follow your doctor's advice and properly fasten the seat belt.
- Like other occupants, pregnant women should also spread the lap belt as low as possible across the hips. The shoulder belt should be stretched obliquely along the shoulders and across the chest, and avoid contact with the raised abdomen.
- If the seat belt is not properly fastened, in emergency braking or a collision, pregnant women and fetus may suffer from serious injury or even death.

⚠ WARNING

■ **Patients**

Please follow your doctor's advice and properly fasten the seat belt.

■ **When a child is in the vehicle**

Do not let the child play the seat belt. If the seat belt is wrapped around the child's neck, asphyxiation or other serious injury that could result in death may be caused.

If the seat belt cannot be unfastened in such a case, cut off the seat belt with a pair of scissors.

■ **Fasten the seat belt properly**

- It is very dangerous for the driver to sit in the wrong posture or fasten the seat belt in the wrong way. The pretensioners and load limiters cannot provide adequate protection due to incorrect fastening of seat belt, which may result in serious personal injury.
- The incorrect fastening of seat belt is very dangerous. During a collision, an occupant who fastens the seat belt incorrectly may collide with other persons or objects in the vehicle, or may even be thrown out of the vehicle, resulting in serious injury or even death. In the same collision, an occupant who fastens the seat belt correctly will be safer.

■ **Do not twist the seat belt when fastening it**

A twisted seat belt is very dangerous. During a collision, the seat belt cannot fully utilize its full width to absorb the impact force, so that more force is exerted on the bones under the seat belt, which can result in serious injury or even death.

■ **Do not share a seat belt with others**

It is very dangerous to share a seat belt with others (including children). Because the seat belt cannot properly disperse the impact force, and the occupants can collide with each other, causing serious injury or even death.

■ **Do not drive the vehicle with a damaged seat belt**

The use of a damaged seat belt is very dangerous. An accident may result in damage to the seat belt. The damaged seat belt fails to provide adequate protection in a collision. After an accident, all seat belt systems shall be thoroughly inspected by an authorized FAW Hongqi dealer before use.

⚠ WARNING

■ **Damage and wear of seat belt**

- Do not allow the seat belt or latch plate get caught in the door as this may damage the seat belt.
- After inserting the latch plate into the buckle, do not hit or crush the latch plate with heavy object, otherwise the buckle may be damaged, which may seriously affect the normal release of the latch plate. If the seat belt buckle is damaged, please immediately contact an authorized FAW Hongqi dealer.
- Check the seat belt regularly. Check the seat belt for cuts, wear and looseness. Do not use a damaged seat belt, but replace it. A damaged seat belt cannot protect the occupant and could result in serious injury or even death.
- Make sure that the latch plate and buckle of seat belt are locked and the seat belt is not twisted.
  If the seat belt fails to work properly, please immediately contact an authorized FAW Hongqi dealer.
- If the vehicle is involved in a serious accident, replace the seat belt together with the seat assembly even if there is no significant damage.
- Do not install, remove, modify, disassemble or discard the seat belt without authorization. Please contact an authorized FAW Hongqi dealer for necessary treatment.

■ **Do not over-recline the seat**

Do not over-recline the seat for comfort. The seat belt provides the maximum protection only when you sit up straight with your back against the seat back.

■ **Seat belt pretensioner**

Immediately after any collision, please contact an authorized FAW Hongqi dealer for inspection of seat belt pretensioners and airbags. As with airbags, the seat belt pretensioners can only be used once and must be replaced after activation in a collision. If not replaced, the risk of serious injury to the occupants may be increased during the second collision.

CAUTION

■ **Keep seat belt clean**

If the seat belt is dirty, it may be difficult to be retracted. Please keep the seat belt clean. (See P. 323)

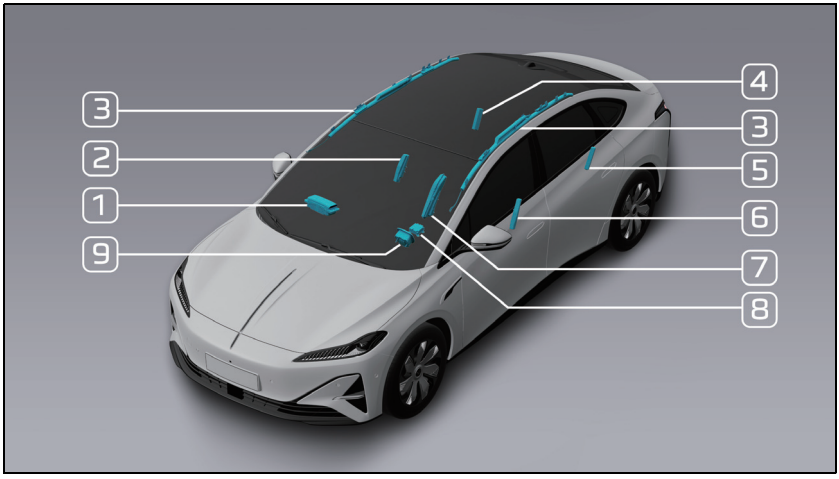
■ **Keep seat belt buckle clean**

- Do not insert small toys, paper and other foreign objects into the buckle, otherwise it may affect the proper locking of the latch plate and buckle. If foreign objects enter the buckle, please contact an authorized FAW Hongqi dealer for necessary treatment.
- Do not pour drinks and other liquids into the buckle, which may affect the warning of seat belt unfastened reminder. Therefore, please keep the seat belt buckle clean. If drinks and other liquids mistakenly enter the buckle, please contact an authorized FAW Hongqi dealer for necessary treatment.

Airbag

The airbag is a passive safety protection device designed to mitigate or avoid the injury to the occupants when the vehicle is subjected to serious collisions that may cause serious injuries to the occupants. In certain serious collisions, the airbag can be deployed. The vehicle is equipped with multiple airbags. The airbags and seat belts work together to reduce the risk of serious injury or even death.

Components of supplemental restraint system (SRS)



1 Front passenger's airbag
2 Front passenger's seat airbag
3 Curtain airbag
4 Rear seat airbag
5 Rear seat airbag
6 Driver's seat airbag
7 Front center airbag
8 Airbag control unit
9 Driver's airbag

These are the main components of the SRS.

In the event of severe frontal or side collision, the SRS triggers the airbag inflator. The chemical reaction in the airbag inflator can quickly fill the airbag with non-toxic gas to avoid injury to the occupants due to a secondary collision with interior components.

⚠ WARNING

■ Precautions for airbag

Please observe the following precautions for airbags. Failure to do so may result in serious personal injury or even death.

- The driver and other occupants in the vehicle must correctly fasten the seat belts.
  The airbag is an auxiliary device used in conjunction with the seat belt.
- The driver's airbag deploys with considerable force, and if the driver is too close to the airbag, serious injury or death may be caused.
- The high-risk zone for the driver's airbag is the first 0-100 mm of deployment. Keep at least 300 mm away from the driver's airbag. This is the distance from the center of the steering wheel to the sternum of the driver. If you are sitting at a distance less than 300 mm, you can adjust the driving position using the following methods:
  - Move the seat to the rear as far as possible, but it is still the prerequisite to depress the pedals easily.
  - Slightly tilt the seat back backward. If it is difficult to see the road ahead after the seat back is tilted, use a hard anti-slip seat cushion to lift the body or raise the seat.
  - Adjust the steering wheel to tilt it downward as far as possible. This allows the airbag to face the driver's chest rather than the head and neck.

  When the driver's seat is adjusted in accordance with the above recommendations, the pedals and steering wheel should be kept in the driver's control range, and control switches of the instrument panel are within the driver's field of view.
- When scrapping the vehicle or the components of SRS and pretensioner seat belts, please observe the relevant safety regulations.

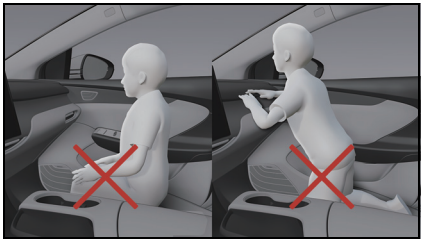
■ Fasten the seat belt properly

Always fasten the seat belt when driving a vehicle equipped with airbags. It is very dangerous to rely solely on the airbag in an accident. Because only the airbag may not be able to avoid serious injury. Therefore, be sure to fasten the seat belt when driving or riding the vehicle.

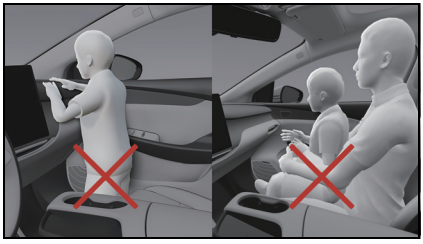
⚠ WARNING

■ Precautions for airbag

- The front passenger's airbag deploys with considerable force, and if the front passenger is too close to the airbag, serious injury or death may be caused. The front passenger's seat should be as far away from the airbag as possible, and the seat back should be adjusted so that the front passenger can sit upright.
- Improperly seated/protected infants and young children may suffer from serious injury or death due to airbag deployment. Infants and young children who are unable to use the seat belts shall be properly restrained by child restraint systems. We strongly recommend that the infants and young children use child seats and the child seats be placed on the rear seats of the vehicle. For infants and young children, the rear seats are safer than the front passenger's seat.



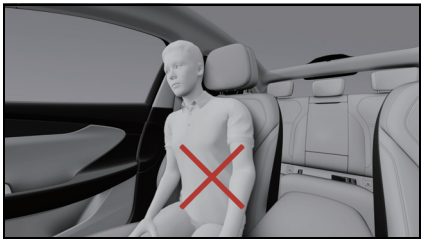
- Do not lean against the instrument panel, A-pillars, roof side rails, door parts or seat edges, otherwise, when the front passenger's airbag is deployed, it may cause a strong head impact, resulting in serious injury or even death (when children are in the vehicle, more attention shall be paid).



- Do not allow children to stand in front of the front passenger's airbag.
- Do not place any object or let any child sit on the front passenger's lap.

⚠ WARNING

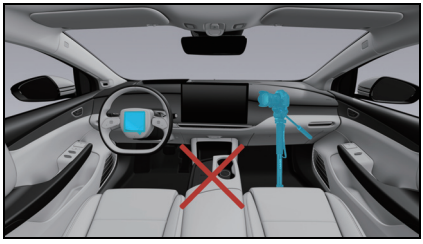
■ Precautions for airbag



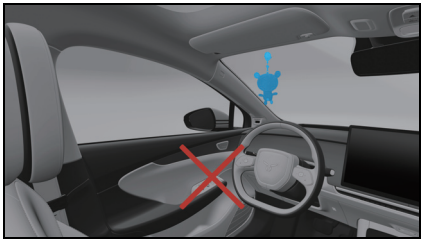
- Do not lean against the doors, roof side rails, A-pillars or B-pillars.



- Do not face the door and kneel on the seat or extend the head and hand out of the vehicle.



- Do not attach, lean or place any items on the instrument panel, driver's airbag cover, etc. These items may be ejected upon deployment of driver's airbag or front passenger's airbag.



- Do not tie anything to the doors, windshields, windows, A-pillars, B-pillars, C-pillars, roof side rails, roof grab handles, etc.
- Do not hang coat hangers or other hard objects on the coat hooks. If the curtain airbag is deployed, these objects may be ejected, resulting in serious injury or death.

⚠ WARNING

■ Precautions for airbag

- Do not install enclosed seat covers on the front and rear seat backs. These items can affect the deployment of the seat airbag, resulting in serious injury or even death.
- Do not use such seat accessories that will cover the seat airbag or its deployment area, as they may interfere with deployment of the airbag.
- Do not strike the area where the airbag is located or apply excessive force to it, as this may cause the airbag to malfunction.
- Do not touch the related parts immediately after the airbag is deployed (inflated), as they may be hot.
- If you feel it difficult to breathe after deployment of the airbag, open the door or window for ventilation, or leave the vehicle if it is safe to do so. Rinse the residue on the body as soon as possible so as to avoid skin irritation.
- If the area where the airbag is located (such as the driver's airbag cover and instrument panel) is damaged or cracked, please contact an authorized FAW Hongqi dealer for replacement.

■ After the airbag is deployed in the event of a collision

The SRS can only provide the protection in an accident for one time. After the airbag is deployed in the event of a collision, please go to an authorized FAW Hongqi dealer for replacement of airbag, airbag control unit and related components, and the original components shall not be used.

■ Modification and scrapping of SRS components

Please do not scrap the vehicle or make the following modifications before consulting an authorized FAW Hongqi dealer.

Otherwise, the airbag may malfunction or deploy (inflate) unintentionally, resulting in serious injury or even death.

- Installation, removal, disassembly and repair of airbag.
- Repair, modification, removal or replacement of steering wheel, instrument panel, seat or seat trims, A-pillar, B-pillar, C-pillar or roof side rail.
- Repair or modification of front fender, front bumper or sides of passenger compartment.
- Retrofitting of front grille with snow plow, winch and other tools.
- Modification of suspension system.
- Installation of portable two-way radio.

■ **When the airbag is deployed (inflated)**

- The airbag deploys with considerable force, and if the occupant is too close to the airbag, serious injury or death may be caused.
- The airbag deploys with ignition sound and smoke, but no fire will occur. If people with respiratory tract diseases such as asthma inhale the gas, they may experience breathing difficulties. In this case, it is relatively safe to immediately evacuate from the vehicle. If evacuation is impossible, open the windows and doors to take in the fresh air.
- The airbag deployment speed is very high, which may cause minor scratch, scalding or other injuries.
- If the residue (gas, etc.) from airbag deployment splashes into the eyes or attaches to the skin, rinse the affected area with fresh water as soon as possible. Sensitive skin may have allergic reactions.
- In addition to the airbag itself, the SRS module components (including airbag cover and inflator), as well as the steering wheel, instrument panel, seat, A-pillar, B-pillar, C-pillar and roof side rail may become hot in a few minutes.
- The front windshield may be broken.

■ **Airbag trigger factors**

- The triggering range of airbag in various accident situations cannot be determined in general terms, because the specific circumstances of the accidents vary greatly. For example, the nature (hardness) of the object that the vehicle collides with, the angle of collision, and the speed of the vehicle are all important trigger factors for the airbag.
- The decisive trigger factors for the airbag are the deceleration and pressure curves that are produced in the event of a collision. The sensors installed on the vehicle, together with the electronic control units, identify the severity of the collision, and thus selectively trigger the airbag in a timely manner. If the deceleration value or pressure value generated and measured during a collision is lower than the reference value preset in the control unit, the airbag will not deploy even though the vehicle may have been deformed to a certain extent in the accident.

■ **Operating conditions (driver's airbag/front passenger's airbag)**

- In the event of a more severe frontal collision, where the degree of collision exceeds a set threshold, the driver's airbag/front passenger's airbag will be deployed.

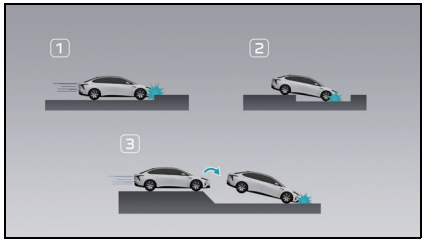
  However, if the vehicle hits a movable or deformable object (such as a parked vehicle or a signal post) or in case of an "underrun" (such as a collision in which the front of the vehicle "penetrates" beneath a truck's cargo compartment), the airbag may not deploy.
- In some collisions, the forward deceleration of the vehicle is very close to the design threshold, but the frontal airbag and seat belt pretensioner may not be activated.

■ **Operating conditions (seat airbag and curtain airbag)**

- In the event of a severe side collision, the collision degree exceeds the set threshold, the seat airbag and curtain airbag on collision side will deploy.
- In some special accidents, the seat airbag and curtain airbag may deploy together with the driver's airbag/front passenger's airbag.

■ **Other cases where the airbag may deploy (except for collisions)**

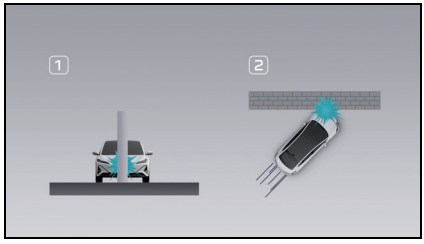
If the bottom of the vehicle is severely impacted, the driver's airbag and front passenger's airbag also be deployed.



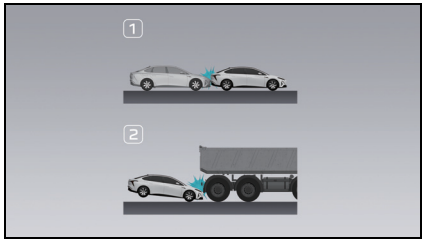
1. Collision with road shoulder, sidewalk edge, or hard surface
2. Falling into or jumping over a deep pit
3. Hard landing of wheels or vehicle falling

Cases where the airbag (driver's airbag/front passenger's airbag) may not deploy

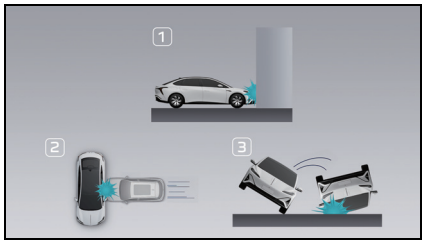
The driver's airbag/front passenger's airbag may not deploy during the collision with cylindrical objects such as utility poles and trees, non-frontal collision with walls and highway guardrails, rear-end collision, collision with the rear of a truck, or underriding a truck, low-speed frontal collision, side collision or rollover. However, as long as the collision causes the vehicle to have a sufficient forward deceleration, the airbag may deploy.



1. Collision with cylindrical objects such as utility poles and trees
2. Non-frontal collision with walls and highway guardrails



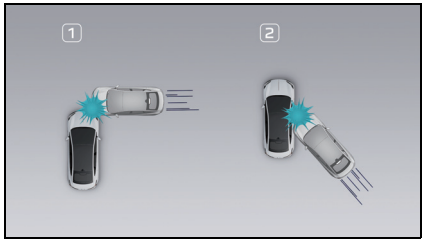
1. Rear-end collision
2. Collision with the rear of a truck, or underriding a truck



1. Low-speed frontal collision
2. Side collision
3. Rollover

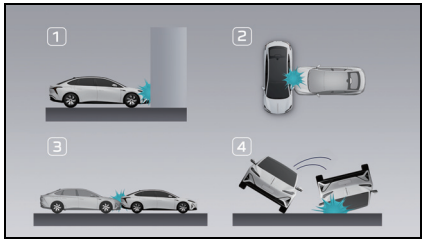
Cases where the airbag (seat airbag/curtain airbag) may not deploy

If the vehicle is subjected to a side collision on non-passenger compartment, or a side collision at an angle to the vehicle body, the seat airbag/curtain airbag may not deploy



1. Side collision on non-passenger compartment
2. Side collision at an angle to the vehicle body

Generally, the seat airbag/curtain airbag will not deploy when the vehicle is subjected to a low-speed frontal collision, low-speed side collision, rear-end collision or rollover.



1. Low-speed frontal collision
2. Low-speed side collision
3. Rear-end collision
4. Rollover

When to contact an authorized FAW Hongqi dealer

In the following cases, the vehicle needs to be inspected or repaired. Please contact an authorized FAW Hongqi dealer as soon as possible.

- Any airbag has been deployed.
- The front of the vehicle is damaged or deformed, or a collision in which the airbag is not deployed has occurred.
- The door or the area around the door is damaged or deformed, or a collision in which the seat airbag and curtain airbag are not deployed has occurred.
- There are scratches, cracks or other damages on the driver's airbag cover or the instrument panel near the front passenger's airbag.
- There are scratches, cracks or other damages on the surface of the seat equipped with seat airbag.
- There are scratches on the curtain airbag, and cracks or other damages on the parts such as the A-pillar, B-pillar, C-pillar protectors, roof, handle, reading lamp, etc.

Child safety information

Always observe the following precautions when any child is inside the vehicle.

Children shall use appropriate child restraint systems until they become large enough to wear the vehicle's seat belt.

- It is recommended that the child sit in the rear seats to prevent accidental contact with the shift lever, wiper switch, etc.
- During driving, use the rear door safety lock to lock the doors and windows so that the children cannot open the door or operate the power window unexpectedly.
- Do not allow the child to operate devices that may pinch any body part (such as power window, front compartment cover, trunk lid, seat, etc.)

⚠ WARNING

■ **Do not allow children to carry the vehicle key or play alone in the vehicle**

Never leave children unattended in the vehicle. Do not allow children to carry or use the key.

Children may start the vehicle or operate the shift lever. Children may also get injured while playing the window or other vehicle equipment. In addition, too high or too low temperature inside the vehicle may cause fatal injury to children.

■ **Always lock the vehicle, and keep the key out of reach of children**

It is dangerous if the vehicle is locked improperly while leaving the vehicle or place the key within the reach of children. The child who enters the trunk through an open trunk may get locked in the trunk by accident. Especially in summer, the child may suffer from heat exhaustion, resulting in brain injury and even death. Regardless of whether you have children, always lock the doors and trunk.

Child restraint system

FAW strongly recommends that you use the child restraint system.

Precautions

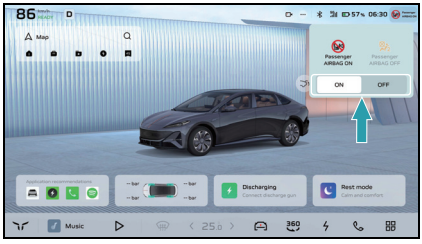
An appropriate child restraint system can provide good protection for your child in an accident.

For the child's safety, please carefully read the instructions provided with the child restraint system and in this manual before installing a child restraint system.

⚠ WARNING

- **An appropriate child restraint system must be used for the child when traveling in the vehicle, never carry a child on your lap.**
- **Make sure the child restraint system is properly installed following the instructions provided with the restraint system and in the manual.**
- **Failure to follow the instructions provided with the child restraint system and in this manual may cause injuries and even death to the child in an accident.**

Front passenger's airbag switch



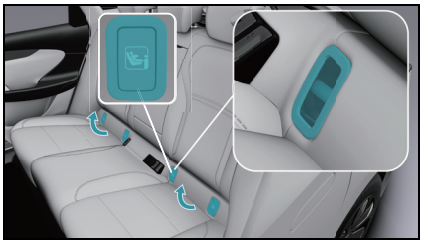
Front passenger's airbag ON-OFF switch is located in the multimedia display.

⚠ WARNING

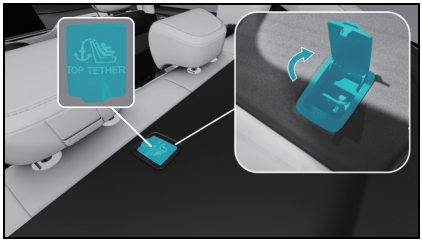
- **Never use a rear-facing child restraint system on the front passenger's seat when the front passenger's airbag switch is turned on.**
- **When there is no child restraint system installed on the front passenger's seat, please switch the airbag at the ON position immediately.**

Child restraint system anchorage

Second row outside seat



The second row outside seat is equipped with ISOFIX/i-Size anchorage. The anchorage is located between the seat back and seat cushion with i-Size markings identified.



The rear of second row outside seat is equipped with top tether anchorage on the seat back with top tether markings identified.

Follow the instructions below when using a child restraint system on front passenger's seat:

If necessary, please adjust the front passenger's seat backwards so that there is no interaction between the instrument panel and the child restraint system/the child.

If necessary, adjust the height of front passenger's seat to ensure the child restraint system is properly restrained.

If necessary, adjust the front passenger's seat back angle to ensure that the seat back provides good support to the child restraint system.

For child restraint system with seat belt guide, please ensure that guide is positioned forward or aligned with the seat belt upper anchorage on the vehicle's B-pillar. Ensure that the seat belt passes through the guide without any twisting.

Follow the instructions below when using a child restraint system on the second row seat:

To ensure that the child restraint system/child does not interfere with the front seat, adjust the front seat forward to get more space.

The headrest can be adjusted or even removed if possible to ensure that the vehicle seat back provides good support to the child restrain system. However, never remove the headrest when not using seat back and adjust it to a suitable locked position.

Details on child restraint system installation

	Seating position					
	Driver's seat	Front passenger's seat		Second row left seat [b]	Second row center seat [b]	Second row right seat [b]
		Front passenger's airbag ON	Front passenger's airbag OFF			
Seating position suitable for universal belted (Yes/No)	No	Yes [a] [c]	Yes [a]	Yes	Yes	Yes
i-Size seating position (Yes/No)	No	No	No	Yes	No	Yes
Seating position suitable for lateral fixture (L1/L2/No)	No	No	No	No	No	No
Largest suitable rearward-facing fixture (R1/R2X/R2/R3/No)	No	No	No	R1/R2X/R2/R3	No	R1/R2X/R2/R3

	Seating position					
	Driver's seat	Front passenger's seat		Second row left seat [b]	Second row center seat [b]	Second row right seat [b]
		Front passenger's airbag ON	Front passenger's airbag OFF			
Largest suitable forward-facing fixture (F1/F2X/F2/F3/No)	No	No	No	F1/F2X/F2/F3	No	F1/F2X/F2/F3
Largest suitable booster fixture (B2/B3/No)	No	(B2/B3)[d)e)]	(B2/B3)[d)e)]	B2/B3	(B2/B3)[d)]	B2/B3

Note

a): Adjust the seat to the high position as much as possible

b): If needed, the headrest can be adjusted or removed. but never remove the headrest when using a booster cushion without the seatback

c): Only applicable for forward-facing child seat

d): Only applicable for installation with seatbelt

e): Adjust the front passenger seat as high as possible after the placement of the fixture

Recommended child restraint system

Grouping of child stature according to ECE R129 regulation

Child stature	Manufacturer	Child restraint system	Vehicle accessories
40 - 83 cm	Maxi-Cosi	Pebble 360	Seat belt
76 - 105 cm	Britax Romer	Trifix^2 i-Size	ISOFIX and top tether
100 - 150 cm	Britax Romer	Kidfix i-Size *	ISOFIX and seat belt
125 - 150 cm	GRACO	Booster Max R129 Isofix	ISOFIX and seat belt
*: For best child protection, ensure to pass the seat belt through the Secure Guard and XP-PAD			

Choose an appropriate child restraint system

- Children shall use appropriate child restraint systems until they become large enough to wear the vehicle's seat belt.
- If the child cannot use a child restraint system due to large body size, place the child in the second row seat and use the seat belt of the vehicle.
- Ensure that the CRS is the correct type for the seating position.

⚠ WARNING

■ **Manufacturer's instructions for child restraint system**

Always observe the manufacturer's instructions when selecting, installing and using a child restraint system, otherwise the desired protection may not be obtained.

■ **When a child is in the vehicle**

Do not let the child play the seat belt. If the seat belt twists around the neck, the child may suffer from suffocation or other serious injury, and even death.

If the seat belt cannot be unfastened in such a case, cut off the seat belt with a pair of scissors.

■ **When the child restraint system is not used**

- The child restraint system should be properly secured on the seat even if it is not being used.
  Do not place an unsecured child restraint system in the passenger compartment.
- If the child restraint system must be removed, remove it and secure it in the trunk. If the headrest is raised to facilitate the installation of child restraint system, be sure to adjust the headrest to a proper position before driving. Otherwise, the occupants may get injured in case of emergency braking or accident.

■ **Use the child restraint system**

If an inappropriate child restraint system is used for this vehicle, the infant or child may not be properly protected, and the serious injury and even death may occur (in case of emergency braking or accident).

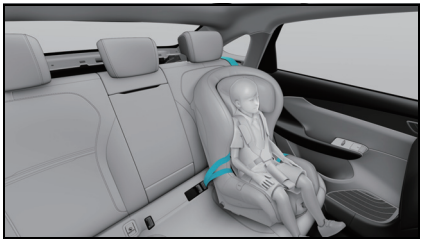
⚠ WARNING

■ Precautions for child restraint system

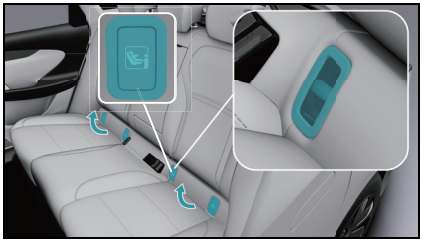
- The child must be restrained by a seat belt or child restraint system according to the weight and size of the child to effectively protect the child in the event of an accident and emergency braking. Holding the child in your arms does not replace the role of a child restraint system. During an accident, the child may collide with the windshield or be squeezed between you and the compartment.
- Vehicles with seat airbags and curtain airbags: Even if the child restraint system is properly used, the head or any part of body cannot lean against the door, seat or roof side rail (where the seat airbag or curtain airbag may deploy). Otherwise, the large impact force generated by the deployed seat airbag or curtain airbag may result in serious injury and even death to the child.
- Always follow the manufacturer's instructions and make sure the child restraint system is securely fastened at all times.
  Failure to secure the child restraint system is very dangerous. During emergency braking or a collision, the child restraint system may move, causing serious injury or death to the child or other occupants.

Installation of child restraint system

Please observe the instructions provided by the child restraint system manufacturer. Secure the child restraint system to the seat with seat belt or ISOFIX rigid anchorages. Fix the top tether during the installation of the child restraint system.



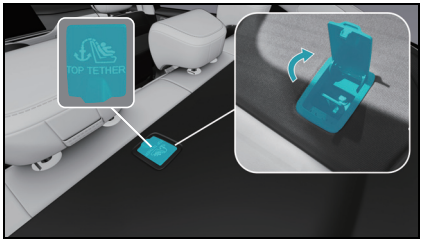
Secure with seat belt.



Secure with ISOFIX/i-Size rigid anchorages.

The outside rear seats are equipped with lower anchorages.

(There are marks showing the anchorage positions on the seats)



Anchorage support (for top tether).

The outside rear seats are equipped with anchorage supports.

Installation of child restraint system with seat belt

Be sure to properly fasten the seat belt or install the child seat in accordance with the child seat manufacturer's instructions, as the installation of the child seat is different.

If the headrest interferes with the child restraint system and cannot be installed properly, the headrest can be rearranged or removed to ensure that the child seat is properly installed and adjusted.

Installation of child restraint system with ISOFIX rigid anchorages



Insert the child seat buckle to the ISOFIX/i-Size rigid anchorage, ensure that buckle is locked securely.

If the headrest interferes with the child restraint system and cannot be installed properly, adjust the headrest upward before installing the child restraint system.

If the child restraint system has a top tether, fix the top tether onto the anchorage support.

Child restraint system with top tether

Step 1 Secure the child restraint system with seat belt or ISOFIX rigid anchorages.

If the headrest interferes with the child restraint system and cannot be installed properly, adjust the headrest upward before installing the child restraint system.

Step 2 Open the anchorage support cover, clamp the hook onto the anchorage support, and fasten the top tether.

Make sure that the top tether is fastened.

Step 3 Recover the headrest to the correct position.

⚠ WARNING

■ **When installing the child restraint system**

Please observe the following precautions, otherwise serious injury or death may occur.

- Tie up the top tether firmly, and make sure that the seat belt is not twisted.
- Do not tie the top tether to any object rather than the anchorage support.
- Push and pull the child restraint system in different directions to make sure it is securely installed.
- Do not adjust the seat after the child restraint system is installed. If the seat is adjusted, the safety of the child restraint system should be reconfirmed.
- Please observe the installation instructions provided by the child restraint system manufacturer.
- If the driver's seat causes inconvenience to the installation of the child restraint system, install the child restraint system on the rear right seat.
- Adjust the front passenger's seat so that it does not interfere with the child restraint system.
- Please observe the instructions attached to the child restraint system, and secure the child restraint system in place. The improper securing will cause serious injury and even death to the child or other occupants in case of emergency braking or accident.



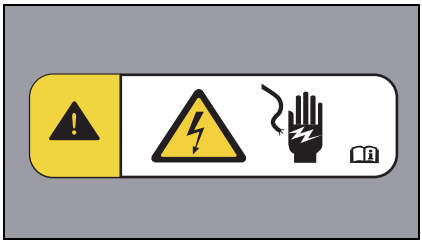
- The labels attached to inner and outer sides of sun visor on front passenger's side remind you not to place rear-facing child restraint system on airbag-protected seat when front passenger's airbag switch is turned on.
  For details about label, see the figure.

■ **Secure the child restraint system to the anchorage correctly**

When using a lower anchorage, make sure that there are no foreign objects around the anchorage and that the seat belt is not stuck behind the child restraint system. Make sure that the child restraint system is securely fastened, otherwise serious injury or death of the child or other occupants may occur in emergency braking or in an accident.

High voltage safety

The electric vehicle is equipped with high voltage system within level B voltage range. If the vehicle is used improperly, it may cause electric shock or fire hazards to driver, passengers and operators.



The high voltage harness and the high voltage connector are both marked in orange. The high voltage components (except harnesses) are labeled with high voltage marks.

Meaning of high voltage marks

	Risk of electric shock		Notice
	Read operating instructions		Electric shock

Active discharge of high voltage system

After the vehicle power supply is turned to OFF mode, the high voltage relay is turned off, the high voltage system actively discharges and releases the remaining voltage from the high voltage components to a safe voltage so as to prevent the occupants from being exposed to high voltage.

After vehicle collision

- High voltage relay is turned off.
- The high voltage circuit quickly enters an uncharged state to avoid electric shocks.
- The high voltage components are actively discharged.
- It is forbidden to restart or recharge the vehicle.

- **Self-protection measures against the electric shock in vehicle**
  - Think calmly, protect yourself, and do not put yourself at the risk of electric shock.
  - Do not directly touch the person who has been electrically shocked.
  - If possible, immediately cut off the power supply of the electrical equipment (power off at high voltage or disconnect low voltage maintenance switch).
  - Use non-conductive tools (wooden board, broom handle, etc.) to separate the injured person from current conductor or power supply.
- **Medical protective measures against the electric shock from vehicle (the electrocuted person cannot speak)**
  - Rescue on the site, when the electrocuted person is removed from the power source, immediately assess their vital signs, such as pulse and breathing.
  - Call for help immediately and contact the emergency services.
  - Do artificial respiration and chest compression before the doctor arrives.
  - If the electrocuted person stops breathing, use a defibrillator if possible.
- **Medical protective measures against the electric shock from vehicle (the electrocuted person can speak)**
  - Cool down the burned wound and cover it with a sterilized towel.
  - To avoid delayed complications, immediately send the injured person to the doctor for assistance.
- **Rescue in case of electrical fire**
  - Protect yourself and do not inhale smoke.
  - Call the fire department.
  - Carbon dioxide fire extinguisher or foam fire extinguisher should be used when extinguishing fires on electrical equipment.
  - Do not use a carbon dioxide fire extinguisher to extinguish fires on individuals, as there is a risk of suffocation.
  - Place the fire extinguisher within easy reach, and arrange persons to inspect it regularly.

⚠ WARNING

■ Precautions on high voltage system

Please observe the following precautions. Failure to do so may result in serious personal injury or even death.

- Contact with all high voltage components should be avoided as much as possible. In the case of insulation failure of the high voltage system, the shell of the high voltage component may carry high voltage.
- If it is found that the shell of the high voltage component or the high voltage harness is damaged, do not directly touch it, and contact the authorized FAW Hongqi dealer immediately. Touching the damaged part with hands or conductive objects may result in electric shock.
- It is prohibited to remove and repair components and high voltage cables with high voltage safety marks without authorization. If you need to remove and repair high voltage system components, please contact the authorized FAW Hongqi dealer.
- Do not spray high voltage components directly with spray pipes and high pressure cleaning devices.
- When inspecting and repairing high voltage conductive parts and accessories, the high voltage system must be powered off first.
- Do not contact the liquid and exhaust gas from the power battery, which may be toxic or flammable.
- Damaged vehicle or power battery can cause immediate or delayed escape of toxic gases, which can easily cause a fire. When damage occurs, be sure to open the window so that the escaping gas can be discharged from the vehicle, and do not inhale such gas.
- Do not use engine oil, lubricating oil, etc. on the high voltage connector.
- In case of fire, leave the dangerous area and call the fire telephone, and inform the rescue personnel that the vehicle is an electric vehicle.

Indicator lamp

Indicator lamps indicate the current working status of the vehicle systems.


Left turn signal indicator lamp


Right turn signal indicator lamp


High beam ON indicator lamp


Position lamp ON indicator lamp


Low beam ON indicator lamp


Rear fog lamp ON indicator lamp


ESC system working indicator lamp (Flashing)



ESC system OFF indicator lamp



Maximum speed limit indicator lamp


Indicator lamp for failing to identify key



"READY" indicator lamp


AUTO HOLD working indicator lamp



Intelligent speed limit indicator lamp


Door opening indicator lamp


EPB working indicator lamp


Charging connection indicator lamp


FCW system OFF indicator lamp


AEB system OFF indicator lamp


LDW/LKA system ON indicator lamp


LDW/LKA system working indicator lamp



ACC system ON indicator lamp



ACC system working indicator lamp



SACC system steering assist ON indicator lamp



IHC system working indicator lamp



Intelligent speed limit OFF indicator lamp



Distraction alarm indicator lamp



SACC system steering assist working indicator lamp



LDW/LKA system OFF indicator lamp



Fatigue alarm indicator lamp

Warning lamp

If any warning lamp comes on or flashes, please keep calm and take the following measures. If any warning lamp comes on or flashes but then goes out, it does not necessarily indicate that the system is faulty. However, if this situation persists, please contact an authorized FAW Hongqi dealer to inspect the vehicle.

List of warning lamps

Warning lamp	Warning lamp/detailed description/countermeasures
	**Low charge state warning lamp** • It indicates power battery is low. → **Please charge or contact an authorized FAW Hongqi dealer.**
	**Power battery system fault warning lamp** • It indicates a fault in the power battery system. → **Immediately park the vehicle in a safe place and contact an authorized FAW Hongqi dealer.**
	**12 V battery charging fault warning lamp** • If the warning lamp remains on, it indicates a fault in the 12 V battery charging system. → **Immediately park the vehicle in a safe place and contact an authorized FAW Hongqi dealer.**
	**Bulb fault warning lamp** • It indicates a fault in external lamp units. → **Check for faults in external lamp units and harness connectors or contact an authorized FAW Hongqi dealer immediately.**
	**SRS fault warning lamp** • It indicates a fault in SRS. → **Immediately contact an authorized FAW Hongqi dealer.**

Warning lamp	Warning lamp/detailed description/countermeasures
	**Seat belt unfastened warning lamp** • It indicates that the driver's or passenger's seat belt is not fastened. → **Fasten the driver's and passenger's seat belts.**
	**Electronic shift system fault warning lamp** • It indicates a fault in electronic shift system. → **Immediately park the vehicle in a safe place and contact an authorized FAW Hongqi dealer.**
	**PEPS fault warning lamp** • It indicates a fault in PEPS. → **Immediately contact an authorized FAW Hongqi dealer.**
	**Immobilizer system fault warning lamp** • It indicates a fault in immobilizer system. → **Immediately contact an authorized FAW Hongqi dealer.**
	**Low key battery warning lamp** • It indicates a low key battery. → **Replace the key battery.**
	**Power system fault warning lamp** • It indicates a fault in the power system. → **Immediately park the vehicle in a safe place and contact an authorized FAW Hongqi dealer.**
	**Electronic wiper system fault warning lamp** • It indicates a fault in the electronic wiper system. → **Immediately contact an authorized FAW Hongqi dealer.**
	**Low washer fluid level warning lamp** • It indicates a low washer fluid level. → **Add washer fluid or contact an authorized FAW Hongqi dealer immediately.**

Warning lamp	Warning lamp/detailed description/countermeasures
	**Low brake fluid level/system fault warning lamp** • It indicates a fault in the brake system. → **Immediately park the vehicle in a safe place and contact an authorized FAW Hongqi dealer. It is risky to keep driving in this case.**
	**EPS system fault warning lamp** • It indicates a fault in EPS. → **Please drive carefully and contact an authorized FAW Hongqi dealer.**
	**EPS system major fault warning lamp** • It indicates a major fault in the EPS. → **Immediately park the vehicle in a safe place and contact an authorized FAW Hongqi dealer.**
	**ABS system fault warning lamp** • It indicates a fault in the ABS system. → **Immediately contact an authorized FAW Hongqi dealer.**
	**EPB system fault warning lamp** • It indicates a fault in the EPB system. → **Immediately park the vehicle in a safe place and contact an authorized FAW Hongqi dealer.**
	**AUTO HOLD system fault warning lamp** • It indicates a fault in the AUTO HOLD system. → **Immediately contact an authorized FAW Hongqi dealer.**
	**DSM system fault warning lamp** • It indicates a fault in the DSM system. → **Immediately contact an authorized FAW Hongqi dealer.**

Warning lamp	Warning lamp/detailed description/countermeasures
	**Automatic headlamp/automatic wiper function fault warning lamp** • It indicates a fault in the automatic headlamp/ automatic wiper function. → **Immediately contact an authorized FAW Hongqi dealer.**
	**IHC fault warning lamp** • It indicates a fault in the IHC Function. → **Immediately contact an authorized FAW Hongqi dealer.**
	**ESC system fault warning lamp (remains on)** • It indicates a fault in the ESC system. → **Immediately contact an authorized FAW Hongqi dealer.**
	**LDW/LKA system fault warning lamp** • It indicates a fault in the LDW/LKA system. → **Immediately contact an authorized FAW Hongqi dealer.**
	**Driver assistance system fault warning lamp** • It indicates a fault in the driver assistance system. → **Immediately contact an authorized FAW Hongqi dealer.**
	**SOS fault warning lamp** • It indicates a fault in SOS phone. → **Immediately contact an authorized FAW Hongqi dealer.**
	**Low coolant level warning lamp** • It indicates a low coolant level. → **Immediately contact an authorized FAW Hongqi dealer.**

Warning lamp	Warning lamp/detailed description/countermeasures
	**Thermal management fault warning lamp** • It indicates a fault in the vehicle's cooling system. → **Immediately contact an authorized FAW Hongqi dealer.**
	**Tire pressure abnormal/TPMS system fault warning lamp** • It indicates a fault in the TPMS system or abnormal tire pressure. → **Immediately park the vehicle in a safe place and contact an authorized FAW Hongqi dealer.**
	**Drive power limit warning lamp** • It indicates a limitation in drive power. → **Please slow down or stop on the roadside, if the fault still does not disappear after a period of time, please immediately contact an authorized FAW Hongqi dealer.**
	**Thermal runway warning lamp** • It indicates that the current battery temperature of vehicle is too high. → **Immediately park the vehicle in a safe place and leave the vehicle, and contact an authorized FAW Hongqi dealer simultaneously.**
	**12 V battery fault warning lamp** • It indicates that the vehicle high voltage cannot be powered on. → **Immediately park the vehicle in a safe place and contact an authorized FAW Hongqi dealer.**
	**Coolant temperature too high fault warning lamp** • It indicates a high coolant temperature or a fault in the cooling system. → **Immediately park the vehicle in a safe place and contact an authorized FAW Hongqi dealer.**

Warning lamp	Warning lamp/detailed description/countermeasures
	**High voltage system fault warning lamp** • It indicates a fault in the vehicle's high voltage system. → **Immediately park the vehicle in a safe place and contact an authorized FAW Hongqi dealer.**
	**Motor system fault warning lamp** • It indicates a fault in the motor system. → **Immediately park the vehicle in a safe place and contact an authorized FAW Hongqi dealer.**
	**Electric drive system coolant pump fault warning lamp** • It indicates a fault in the vehicle's electric drive system coolant pump. → **Immediately park the vehicle in a safe place and contact an authorized FAW Hongqi dealer.**
	**FCW/AEB system fault warning lamp** • It indicates a fault in the FCW/AEB system. → **Immediately contact an authorized FAW Hongqi dealer.**

Note: When the high coolant temperature warning indicator lamp or any other indicator lamp comes on, the warning buzzer sounds.

Immobilizer system

To prevent the vehicle theft, this vehicle is equipped with smart card key and smart key (optional). The smart key has a built-in password chip. If the key is not registered in the IMMO system in advance, it is impossible to start the power system with the key. Different information is registered in the key for different vehicles.

Do not leave the key in the vehicle when leaving the vehicle.

This system helps to prevent vehicle theft, but does not prevent all theft and can not guarantee the absolute safety of the vehicle.

Carry the registered/authorized key and depress the brake pedal to deactivate the IMMO system.

Conditions that may cause system failure

- The key was strongly impacted
- The key is flooded
- The key is at a high temperature place (e.g. on the instrument panel exposed to the sun)
- The key is at a low temperature place (e.g. outdoors in winter)
- A magnetic key chain is used
- The key has been cleaned with ultrasonic cleaner
- The key has approached or come into contact with a key of other vehicle (key with built-in transponder chip)
- The key is operated together with a wireless radio frequency device such as a smart phone or walkie-talkie

If the vehicle cannot be started by using the correct method, the immobilizer system may fail. Please contact an authorized FAW Hongqi dealer to inspect your vehicle.

⚠ CAUTION

Ensure normal operation of the system

Do not modify or disassemble the immobilizer system. Otherwise, the normal operation of the system cannot be guaranteed.

Body anti-theft system

The body anti-theft system mainly monitors the status of four doors, front compartment cover and trunk lid. When the system detects forced entry, it will give an APP alarm reminder.

■ **Items to be checked before locking the vehicle**

To prevent accidental alarm triggering, make sure that there are no people, valuables and other personal belongings in the vehicle and all windows are closed before locking the vehicle.

■ **Body anti-theft system operation**

After the driver and all passengers getting off the vehicle, close the doors, trunk lid and front compartment cover and lock all doors, the body anti-theft system starts operation.

■ **When 12 V battery is disconnected**

Be sure to deactivate the alarm system.

If the 12 V battery is disconnected before the alarm is deactivated, the APP alarm may be triggered after the battery is reconnected.

■ **Unlock using mechanical key**

When using mechanical key to unlock, the APP alarm reminder will be triggered.

⚠ CAUTION

■ **Ensure normal operation of the system**

Do not modify or disassemble the IMMO system. Otherwise, the normal operation of the system cannot be guaranteed.

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Inspection before driving

Before driving, it is recommended to check the followings:

- Tire
- Lighting
- Whether there are obstacles around the vehicle
- Whether there is any liquid under the vehicle (Water dripping after use of A/C is a normal phenomenon)

Please obey local regulations and designated traffic regulations, and always remember to drive safely.

Before driving in winter, please make necessary preparations and inspections. Be sure to drive in a way suitable for the main weather conditions in winter.

■ Preparations for driving in winter

- Use oil and fluids suitable for outdoor temperature.
  - Coolant
  - Washer fluid
- Ensure good battery performance.
- If necessary, install four snow tires or install a set of tire chains for drive wheels.
  Make sure that all tires are of the same model and brand, and that the size of tire chains matches that of the tires.

■ Before driving

Take the following measures according to driving conditions:

- Do not force open the frozen windows or move the frozen wipers; pour warm water on the frozen parts to melt the ice, and wipe the water immediately to prevent freezing.
- Remove the ice accumulated on the chassis of the vehicle.
- Regularly check and remove the snow and ice that may accumulate on the wheelhouse or brake.
- Remove the snow or mud from soles of shoes before entering the vehicle.

■ During driving

Accelerate slowly and slow down appropriately according to the road conditions.

Selection of tire chain

Use the correct tire chain size when installing tire chains.

The size of tire chain should be adjusted according to the size of each tire.

Regulations on the use of tire chains

Depending on the location and type of road, the regulations regarding the use of tire chains will vary. Be sure to check local regulations before installing tire chains.

Tire chain

When installing and removing tire chains, please observe the following precautions.

- Install and remove tire chains in a safe place.
- Re-tension the tire chains after driving 0.5-1.0 km.
- Install tire chains on the drive tires.
- Follow the instructions provided in the manual attached to the tire chain.

WARNING

Driving with snow tires

In order to avoid the possibility of losing control of the vehicle and causing serious personal injury or even death, and to reduce the risk of accidents, please observe the following precautions:

- Use the specified type of tire.
- Maintain the recommended tire pressure.
- Do not exceed the road speed limit or the prescribed speed limit for snow tires when driving.
- Snow tires should be fitted to all wheels.

Driving with tire chains

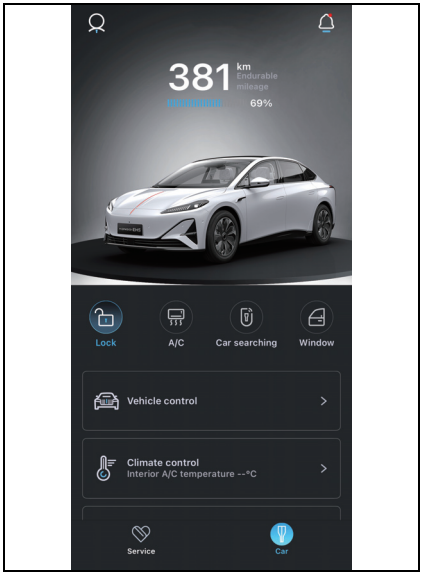
In order to avoid the possibility of unsafe driving and serious personal injury or even death, and to reduce the risk of accidents, please observe the following precautions:

- Do not exceed the prescribed speed limit for tire chains when driving.
- Avoid driving on uneven or pitted roads.
- Avoid sharp turns or emergency braking.
- Slow down fully before entering the curve to ensure that the vehicle can be controlled.

Hongqi Zhilian APP

The vehicle can be remotely controlled and operated through the mobile APP.

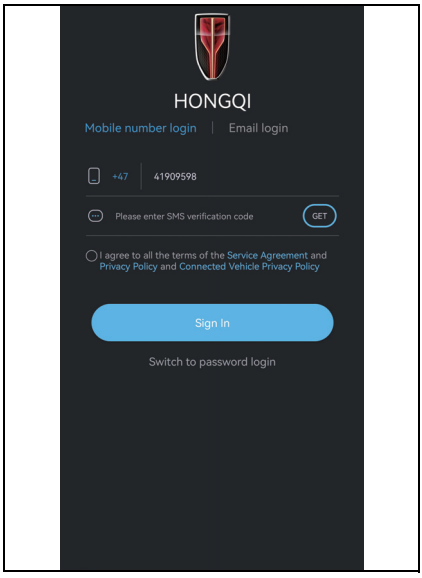
■ Open the logged-in Hongqi Zhilian APP to access the APP home.



- Service
  Network query and other operations can be performed.
- My vehicle
  Information view: View driving range and remaining power.
  Remote control: On the main interface, you can perform quick operations (lock, A/C, vehicle locating, window).
  Through the main interface, you can enter the basic vehicle control interface, view the driving range, tire pressure, doors, front compartment cover and trunk, and operate the lock, window and other functions.
  Through the main interface, you can enter the vehicle environment control interface, and operate functions such as A/C, seat heating and steering wheel heating.
  Through the main interface, you can enter the vehicle charging control interface, and you can view the related status of vehicle charging and operate remote charging.

- Message center
  You can view messages.
- Personal center
  You can set and view user information, vehicle information, privacy rights, account and PIN code/service security password management, common questions and other functions on this interface.

Login



Enter the phone number/email to obtain the verification code. After entering the verification code, log in to the system.

APP download

For download and installation of mobile APP, please consult the authorized FAW Hongqi dealer.

Mobile APP version

As the version is constantly updated, the actual operation interface may be different from the illustration. Please refer to the latest version.

WARNING

When mobile phone is lost

If your mobile phone is lost, it will increase the risk of vehicle theft. Please keep it properly, and contact the authorized FAW Hongqi dealer if necessary.

Network connection quality

The network connection quality will vary due to the constant change of antenna position, the difference in signal strength, and the influence of nearby objects (such as trains and transmitting stations), which make it difficult to maintain perfect reception quality.

CAUTION

Use permission

When using mobile APP, some functions need to be given corresponding permissions, and ensure that the third-party tools do not prohibit the network permissions of APP, otherwise the system may not operate properly.

In case of a fault

If the fault cannot be eliminated, please contact an authorized FAW Hongqi dealer.

Opening charging port cover

Perform the following steps to open or close the charging port cover.

■ Opening charging port cover



Press to open the charging port cover.

The charging port cover can be opened only when the vehicle is unlocked.

■ Closing charging port cover



Press the rear edge of charging port cover until a "click" sound is heard, indicating that the charging port cover is closed.

⚠ CAUTION

■ **Precautions for opening/closing the charging port cover**

- Do not push or pull forcefully when opening and closing the charging port cover, so as not to damage the charging port cover.
- When the charging port cover cannot be opened due to icing around the cover caused by freezing rain, melting snow, or vehicle washing, it is recommended to move the vehicle to a warm environment to defrost and open it. If the problem cannot be solved, please contact the authorized FAW Hongqi dealer.

Charge with AC charging piles

Start charging

Step 1 Park the vehicle in an AC charging area, depress the brake pedal, set the shift lever to P position, and apply the parking brake.

Step 2 Open the charging port cover. (See P. 72)

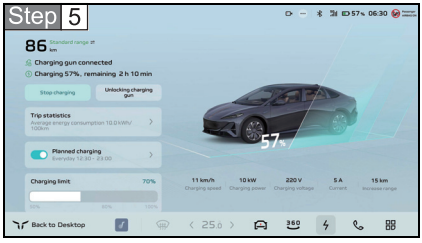
Step 3 Check that the charging plug and the charging socket are clean and free of dirt.

Step 4



Connect the charging plug to the charging socket. At this time, the in-vehicle infotainment system displays that the charging gun is connected.

Step 5



Charge according to the instructions in the AC charging device manual. If the charging has started, the in-vehicle infotainment system will display "Charging".

After charging is completed, the in-vehicle infotainment system will display "Charging completed".

Note: The vehicle can be charged when the vehicle power supply is set to ON/OFF mode.

Stop charging

Step 1 Stop charging according to the instructions of the AC charging device.

Step 2 Make sure that the charging electronic lock is unlocked. (See P. 78)



Unplug the charging plug from the vehicle.

The charging connection indicator lamp on the multimedia display will go out at this time.

Step 4 Close the charging port cover. (See P. 72)

Charging via household or industrial electrical socket (110 ± 5 V ~ 254 ± 5 V)*

■ Start charging

Step 1 Park the vehicle in an AC charging area, depress the brake pedal, set the shift lever to P position, and apply the parking brake.

Step 2 Take out the AC charging cable for the household or industrial electrical socket, and check that the power plug and the power socket are clean and free of dirt.

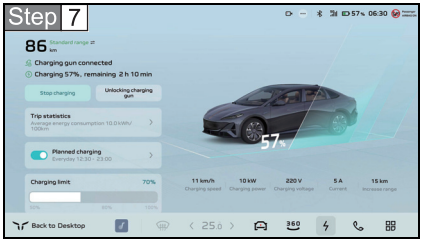
Step 3 Connect the power plug of AC charging cable for the household or industrial electrical socket to the power socket. The power supply green indicator lamp on the control box illuminates.

Step 4 Open the charging port cover. (See P. 72)

Step 5 Check that the charging plug and the charging socket are clean and free of dirt.



Connect the charging plug to the charging socket. At this time, the in-vehicle infotainment system displays that the charging gun is connected.



Charge according to the instructions in the AC charging device manual. If the charging has started, the in-vehicle infotainment system will display "Charging".

After charging is completed, the in-vehicle infotainment system will display "Charging completed".

Note: The vehicle can be charged when the vehicle power supply is set to ON/OFF mode.

■ Stop charging

Step 1 Make sure that the charging electronic lock is unlocked. (See P. 78)



Unplug the charging plug from the vehicle.

The charging connection indicator lamp on the multimedia display will go out at this time.

Step 3 Close the charging port cover. (See P. 72)

Step 4 Unplug the power plug from the power outlet and properly store the AC charging cable for the household or industrial electrical socket.

DC charging

■ Start charging

Step 1 Park the vehicle in a DC charging area, depress the brake pedal, set the shift lever to P position, and apply the parking brake.

Step 2 Open the charging port cover. (See P. 72)

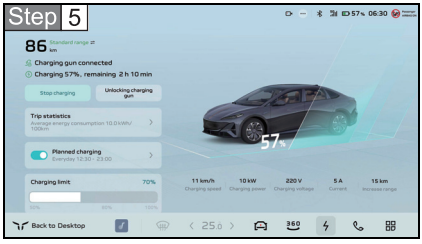
Step 3 Check that the charging plug and the charging socket are clean and free of dirt.

Step 4



Connect the charging plug to the charging socket. At this time, the in-vehicle infotainment system displays that the charging gun is connected.

Step 5



Charge according to the instructions in the DC charging device manual. If the charging has started, the in-vehicle infotainment system will display "Charging".

After charging is completed, the in-vehicle infotainment system will display "Charging completed".

Note: The vehicle can be charged when the vehicle power supply is set to ON/OFF mode.

■ Stop charging

Step 1 Stop charging according to the instructions of the DC charging device, and make sure that the charging electronic lock is unlocked. (See P. 78)

Step 2



Unplug the charging plug from the vehicle.

The charging connection indicator lamp on the multimedia display will go out at this time.

Step 3 Close the charging port cover. (See P. 72)

AC discharge

Start discharging

Step 1 Park the vehicle in an AC discharging area, depress the brake pedal, set the shift lever to P position, and apply the parking brake.

Step 2 Open the charging port cover. (See P. 72)

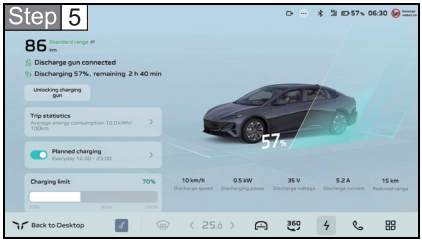
Step 3 Take out the AC discharge gun, and check that the discharging plug and the charging socket are clean and free of dirt.

Step 4



Connect the discharging plug to the AC charging socket. At this time, the in-vehicle infotainment system displays that the discharging gun is connected.

Step 5



Connect the discharging device, the in-vehicle infotainment system will display "Discharging".

Note: The vehicle can be discharged when the vehicle power supply is set to ON or OFF mode.

■ Stop discharging

Step 1 Turn off the power supply of the household appliance and unplug the household appliance plug from the discharge socket.

Step 2 Make sure that the charging electronic lock is unlocked. (See P. 78)

Step 3



Unplug the discharging plug from the vehicle.

The charging connection indicator lamp on the multimedia display will go out at this time.

Step 4 Close the charging port cover. (See P. 72)

Step 5 Keep the AC discharge gun properly.

Charging electronic lock

The charging electronic lock is used to lock the charging/discharging plug so as to prevent the user from disconnecting it during charging/discharging and deterring theft of the charging cable in an unattended environment.

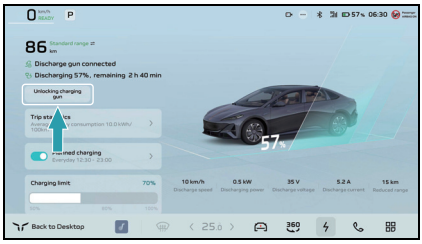
■ Locking of charging electronic lock

The electronic lock will be locked if any of the following conditions are met:

- When the user fully connects the charging/discharging plug to the charging port, the electronic lock is automatically locked.
- With the AC charging/discharging plug connected, when the electronic lock is unlocked and the plug remains connected, the electronic lock will automatically lock after 120 seconds.

■ Unlocking of charging electronic lock

The electronic lock will be unlocked when the following conditions are met:



Touch the button on the energy center interface of the in-vehicle infotainment system to release the charging gun, and the electronic lock will be unlocked.

■ Emergency unlocking of charging electronic lock



The electronic lock emergency release cable is located in the service port on the right side of the trunk.

When the charging electronic lock fails to be unlocked due to low battery or other reasons, it can be unlocked by emergency release cable of charging electronic lock.

■ Remote charging*

Remote AC charging can be set through mobile phone APP. (See P. 69)

■ Charging time

The actual charging time is related to the environment and other factors. Please refer to the charging time reminder on the multimedia display or in the mobile phone APP.

■ Heating during driving

The charging speed depends on the battery temperature. If this function is turned on, the battery temperature will be quickly maintained at the optimal state during navigating to the charging station by on-board navigation, minimizing charging time. After this function is turned on, it will increase power consumption and affect the performance of A/C. It is recommended that you turn on this function before planning fast charging and turn it off as appropriate. This function will be automatically turned off each time the vehicle enters sleep mode.

The heating during driving function can be turned on and off through the energy settings interface of the in-vehicle infotainment system. (See P. 176)

■ **Heat preservation while inserting gun**

After turning on this function, when the vehicle is connected to a household AC gun and charging is completed, the system will keep the battery temperature within a reasonable range to help extend driving range at the set departure time. This function will increase the power consumption from the charging piles, so it is recommended to turn it on when the ambient temperature is below 0°C.

The heat preservation while inserting gun can be turned on and off through the energy settings interface of the in-vehicle infotainment system. (See P. 175)

■ **Specified Hongqi brand charging pile***

Related functions of timed charging, head unit charging control and remote charging need to be implemented in conjunction with specified Hongqi brand charging pile.

⚠ WARNING

■ Precautions for charging

- Do not insert or pull out the plug with wet hands or standing in water, liquid or snow. Otherwise, it may cause electric shock, resulting in serious personal injury or even death.
- Make sure that there is no water or foreign object in the vehicle socket, charging plug or power plug, and they are not damaged or corroded. Otherwise, it may cause a short circuit, electric shock or even fire, resulting in serious personal injury or even death.
- Do not touch the metal contacts at the charging port, charging plug, and power plug.
- When lightning, do not touch the vehicle or the charging device. Lightning strikes may damage the device and pose a risk of personal injury or death.
- Do not disassemble or modify the charging port and the AC charging cable, otherwise it may cause a fire.
- Do not pull, twist or drag the charging cable.
- Do not place the charging device near high temperature objects.
- While unsupervised, unauthorized persons (for example, children playing) must not touch the charging system or the vehicle.
- When using a household or industrial electrical socket, it is recommended to use the AC charging cable suggested by FAW. If other charging cables are used for AC charging, it may cause damage to the vehicle or the charging device or even cause a fire.
- Do not use extended cable, cable reel, multiple socket and travel adapter.
- If any part shows signs of damage, wear, breakage, crack or other damage, do not use it.
- When using the charging cable, handle it with care to avoid falling, and do not pull the wire or cable forcefully.
- The power socket and the power supply circuit must be grounded and protected by a special circuit breaker or fuse to avoid danger.
- The AC charging cables for household or industrial electrical sockets should use power sockets that meet the requirements of local standards. It is prohibited to use other sockets.
- If you have any question about the power socket and power supply circuit, please consult a qualified technician.

⚠ WARNING

■ **Cases in which electric shock may occur while charging**

- The socket for charging is not grounded.
- Charge on rainy days.

■ **Precautions for use of DC charging connection device**

- Considering that the DC charging plug is heavy and its accidental fall may cause damage to the vehicle and the charging plug or personal injury, please make sure to pull out the charging plug carefully.

⚠ CAUTION

During AC discharging

- The discharging function can be activated when the power battery level is higher than the discharging limit, and deactivated when the power battery level is lower than the discharging limit.
- During AC discharging, the vehicle will automatically terminate AC discharging once the power battery level displayed on the multimedia display reaches the discharging limit.
- The rated discharge current of the discharge socket is 16 A. When using the AC discharging function, ensure that the total current of the discharge socket does not exceed 16 A.

AC charging electronic lock

- Before unplugging the charging/discharging plug, make sure that the electronic lock is unlocked, otherwise the charging cable or the vehicle may be damaged.
- While charging in an unattended environment, please lock the charging electronic lock, otherwise the charging cable may be stolen.

Precautions for use of AC charging cable

- Ensure that the AC charging cable is stored properly and avoid immersion in water.
- Avoid foreign objects from entering the terminal of the AC charging cable plug.
- Avoid stepping on, folding, or knotting cable and wire.
- Avoid using AC charging cable during thunderstorm.
- Avoid using AC charging cable in wet location.
- Do not place heavy objects on the AC charging cable.
- When charging, keep the AC charging cable away from high temperature objects.
- When not in use, please close the protective cover properly and place the AC charging cable in a cool and dry place away from direct sunlight.

⚠ CAUTION

■ Precautions for charging compatibility

Hongqi products have been adapted for charging compatibility with mainstream brand charging piles in the market. For an optimal charging experience, it is recommended to choose mainstream brand charging piles for charging.

■ When dust enters the charging port

Driving for a long time under extreme dusty road conditions may cause dusts to enter the charging port. An air gun can be used to clean it during vehicle washing or contact the authorized FAW Hongqi dealer for cleaning.

■ After vehicle collision

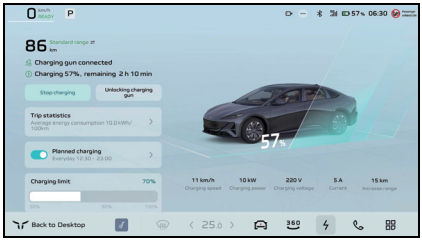
It is forbidden to restart or charge the vehicle.

■ It is forbidden to connect the AC charging plug and the DC charging plug at the same time, otherwise the charging may be not started or be interrupted.

■ Precautions for power battery

- In daily use, please regularly use charging devices to fully charge the vehicle (it is recommended to fully charge at least once a week).
- When the ambient temperature is too high or too low, the charging time may be prolonged. Long-term charging at too high or low temperature may affect the battery life.
- Do not use high-power DC fast charging method frequently to charge the vehicle, as it can affect the service life of the power battery. It is recommended to give priority to AC charging when conditions are available and time permits.
- To ensure the maximum driving range and the safety of the vehicle when the battery is nearly fully charged, the system will reduce the charging speed, which is normal.
- When the battery temperature is too low, the vehicle will start the battery preheating first after connecting with the charging plug, thus the charging start time will be delayed. While charging and preheating, the in-vehicle infotainment system will display "Charging and preheating".

Charging display



During the charging process, the energy center interface of the in-vehicle infotainment system will show the remaining charging time, battery level and other related parameters, while also allowing the charging limit, scheduled charging and other functions to be set.

The remaining charging time is estimated by the vehicle based on the current ambient temperature, charging rate and other parameters. The specific time is subject to the actual situation of the vehicle. Please plan your charging accordingly.

Charging limit setting

The default custom charging limit in the vehicle is 100%.



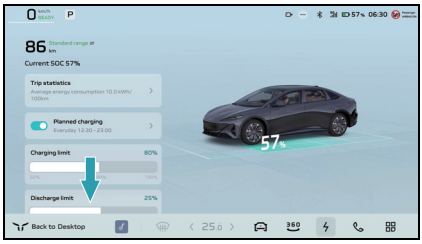
Move the slider on the energy center interface of the in-vehicle infotainment system to set the charging limit.

The setting range is 50% - 100%, and the setting interval is 5%.

- When the charging capacity is greater than or equal to the charging limit value set by user, the vehicle will stop charging and display "Charging completed" prompt message.
- During DC charging, when the vehicle displays "Charging completed", if the user sets the charging limit higher than current battery level again at this time, the charging gun may need to be reinserted to start charging again.

Discharging limit setting

The default custom discharging limit in the vehicle is 20%.



Move the slider on the energy setting interface of the in-vehicle infotainment system to set the discharging limit.

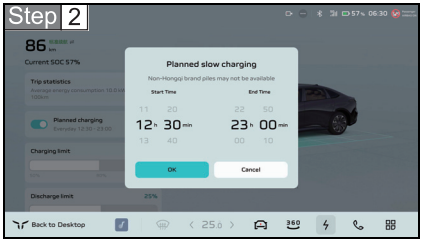
The setting range is 5% - 40%, and the setting interval is 5%.

- After the vehicle is discharged and started, the in-vehicle infotainment system will calculate the remaining discharge time and display "Discharging" prompt message simultaneously.
- When the remaining battery level reaches the discharging limit set by the user, the vehicle will stop discharging, and the in-vehicle infotainment system will prompt "Current battery level is lower than set value, discharging cannot be activated".

AC scheduled charging*

■ Scheduled charging setting

Step 1 Turn the vehicle power supply to ON mode.



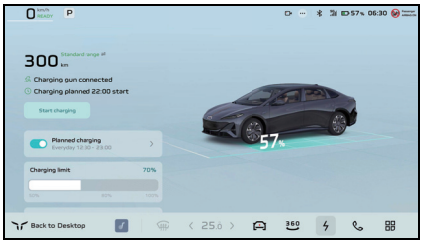
Enable the AC scheduled charging function and set the desired time in the energy center of the in-vehicle infotainment system.

The scheduled charging switch is OFF by default.

The start time and end time should be separated at least 10 minutes.

Step 3 When parking the vehicle in an AC charging area, setting the shift lever to P position, applying the EPB, connect the AC charging device, and set the charging pile to start charging. If there is no system fault in the vehicle and the charging device, the vehicle will perform AC charging at the appointed time set by the user.

■ Scheduled charging display

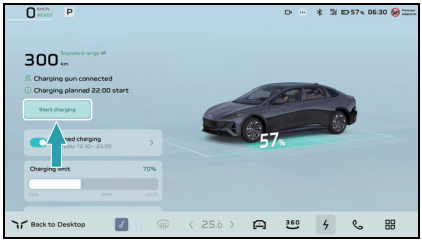


When the time for scheduled charging is not reached, the in-vehicle infotainment system will display the scheduled charging information.



When the time for scheduled charging is reached, the in-vehicle infotainment system will display "Start charging - charging" in turn.

■ Head unit charging control



When the vehicle is ready for charging, by touching [Charge now] on the in-vehicle infotainment system energy setting interface, the AC charging can be started immediately without changing the charging mode.



When the vehicle is in charging status, by touching [Stop charging] button on the in-vehicle infotainment system energy setting interface, the charging process can stop.

Charging/discharging troubleshooting

Symptom	Possible causes	Solutions
Unable to start charging	Power battery is fully charged or the current SOC of battery is higher than the charging termination SOC limit value	The charging cannot be started when the power battery is fully charged. The charging cannot be started when the current SOC of battery is higher than the charging SOC limit value.
	The 12 V battery is low	When the 12 V battery power is low, the vehicle control system cannot be started. Please contact the authorized FAW Hongqi dealer.
	Vehicle fault	When the vehicle fails, the charging cannot be started. Confirm whether multimedia display prompts charging/ discharging system fault. If prompted, please stop charging immediately and contact the authorized FAW Hongqi dealer.

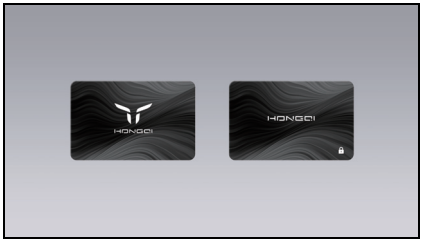
Unable to start AC charging	The charging plug is not reliably connected	Confirm that the AC charging gun is reliably connected to the AC charging socket.
	The AC charging device is not powered	Confirm that the AC charging device is powered. Make sure to start charging in accordance with the instructions of the AC charging device.
	The power socket is not powered	Make sure that the power socket is supplying power. Confirm the indicator lamp status on the cable control box.
	The charging plug is not reliably connected to the power socket	Make sure that the charging plug is reliably connected to the power socket. (Only for cable control box charging)*
	Charging mode is timing mode	Make sure that the charging mode is immediate charging mode.
Unable to start DC charging	The charging plug is not reliably connected	Confirm that the DC charging gun is reliably connected to the DC charging socket. Make sure that the charging connection indicator lamp on the multimedia display illuminates.
	DC charging device does not match the vehicle charging parameters	If the multimedia display prompts that the DC charging device is incompatible with the vehicle, please use another DC charging pile for charging.
	DC charging device is not powered	Confirm that the DC charging device is powered. Make sure to start charging in accordance with the instructions of the DC charging device.

Symptom	Possible causes	Solutions
Charging stops during AC charging	AC charging pile stops power output	If the power supply of the power supply device is interrupted, the charging will stop. When the power supply device is restored, the charging must be restarted.
	The power socket stops power output	If the power supply of the power socket is interrupted, the charging will stop. When the power socket is re-powered, the vehicle can automatically resume AC charging.
	The charging cable is disconnected	Make sure that the charging cable is reliably connected.
	Charge termination time is reached	In timed charging mode, if the charging termination time is reached, the charging will stop.
	Vehicle fault	When the vehicle fails, the charging cannot be started. Confirm whether multimedia display prompts charging/ discharging system fault. If prompted, please stop charging immediately and contact the authorized FAW Hongqi dealer.

Charging stops during DC charging	DC charging device and vehicle communicatio n failure	If the multimedia display prompts that there is a communication failure between DC charging device and vehicle, please unplug and reconnect the charging gun and start charging again. If this communication failure occurs several times, please use another charging pile for charging.
	DC charging device stops power supply	If the power supply of the DC charging device is interrupted, the charging will stop. When the DC charging device restores power supply, the charging must be restarted.
	Vehicle fault	When the vehicle fails, the charging will be interrupted. Confirm whether the fault warning lamp on the multimedia display illuminates. If it does, please stop charging immediately and contact the authorized FAW Hongqi dealer.

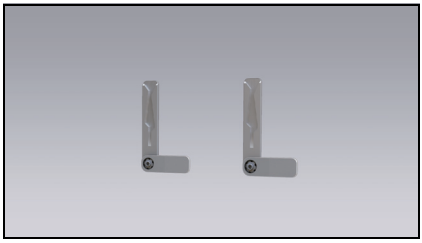
3-1. Key information
Key 94
3-2. Opening, closing and locking doors and trunk lid
Door 97
Trunk lid 101
PEPS system 105
3-3. Loading
Goods and luggage .. 109

Smart card key



Unlocking/locking doors from outside. (See P. 97)

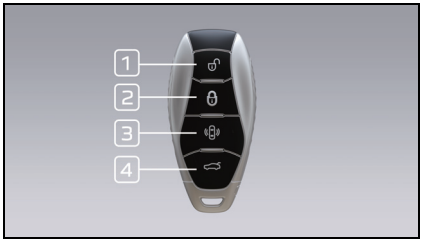
Mechanical key



If the smart key battery runs out and does not work properly, use the mechanical key.

(See P. 303)

Smart key*



1 Unlock button
Press the button to unlock the doors; press and hold the button to open all windows.

2 Lock button
Press the button to lock the doors; press and hold the button to close all windows.

3 Press the button to trigger the vehicle locating function
When the entire vehicle is locked, press the vehicle locating button to trigger the vehicle locating function. The turn signal lamp will flash 3 times accompanied by the horn sounding 3 times.

4 Trunk lid opening/closing button

	Press and hold the button to open/close the trunk lid.

■ **When you need parking service**

Be sure to keep the mechanical key with you, and only give the card key or smart key to the parking service personnel.

■ **When traveling by air**

When flying while carrying a smart key, make sure that you don't press any button on the smart key while in the cabin. If the key is placed in the bag, make sure that no buttons on the key are accidentally pressed. Pressing any button may cause the key to emit radio waves, thus interfering with the flight of the aircraft.

■ **Smart key battery power***

- The standard battery life is 1 to 2 years.
- Even if the key is not in use, the battery may be depleted. The following symptoms indicate that the key battery is low or may be depleted. Replace the battery if necessary. (See P. 354)
  - The PEPS system or wireless remote control function does not work.
  - The detection area becomes smaller.
  - The multimedia display displays that the key battery is low.
- To avoid serious degradation of key performance, do not place it within 1 m of the following electrical equipment that can generate magnetic field:
  - TV set
  - Personal computer
  - Mobile phone, cordless phone and battery charger
  - Mobile phone or cordless phone being charged
  - Table lamp
  - Induction cooker

■ **Replacing smart key battery***

(See P. 354)

⚠ CAUTION

■ Prevent damage to the smart card key

- Do not bend, punch, fold or expose the smart card key to high temperature.
- Do not place the smart card key near objects that can generate magnetic fields, such as television, sound system, induction cooker or electronic medical equipment (such as low-frequency medical equipment).
- Due to the high power of the vehicle's wireless charging module, avoid placing the smart card key between mobile phone and vehicle wireless charging pad. The smart card key may fail and burn.
- Do not disassemble the smart card key.

■ Prevent damage to the smart key

- Do not subject the key to violent impact or expose it to high temperature (such as direct sunlight) and humid environment.
- Do not wet the key or clean it in ultrasonic cleaner.
- Do not immerse the key in water.
- Do not attach metal or magnetic materials to the key, or place the key near such materials.
- Do not disassemble the smart key.
- Do not stick labels or other items on the key surface.
- Do not place the key near objects that can generate magnetic fields, such as television, sound system, induction cooker or electronic medical equipment (such as low-frequency medical equipment).

■ Carry the smart key

When carrying the key, keep it 10 cm or more away from the electrical equipment that are turned on. Radio waves emitted by electrical equipment within 10 cm from the key may interfere with the key, causing it to fail to work normally.

■ When the PEPS system fails or there is other failure related to the key

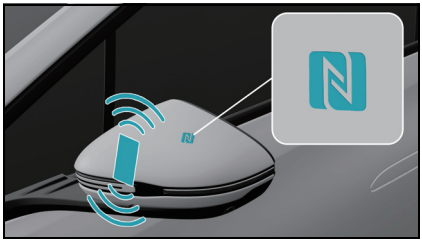
Please send the vehicle to an authorized FAW Hongqi dealer with all the keys of the vehicle.

■ When the key is lost

If the key is lost, the risk of vehicle theft will obviously increase. Please go to an authorized FAW Hongqi dealer with all the keys of the vehicle for re-matching.

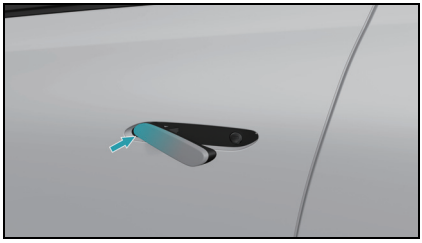
Unlocking/locking doors from outside

■ Smart card key

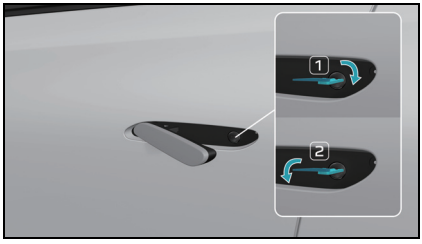


The door can be unlocked and locked by touching driver side rearview mirror recognition area with smart card key.

■ Mechanical key



Press the front part of driver's door handle to lift it.

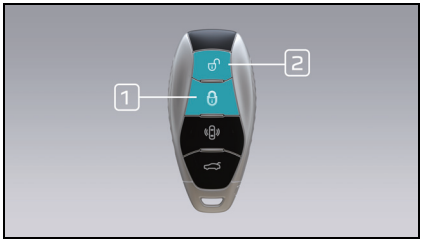


Hold the door handle, lock and unlock the door with a mechanical key.

1 Locking driver's door

2 Unlocking driver's door

■ Wireless remote control*



1 Locking all doors

2 Unlocking driver's door/all doors

Unlocking method (see P. 165)

■ **Operating signal**

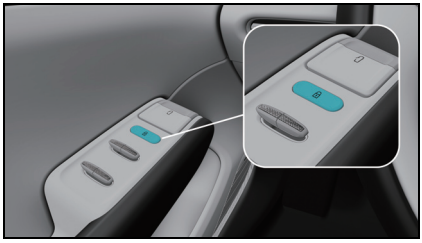
All turn signals flash to indicate that the doors are locked/unlocked. (Lock: flash once; Unlock: flash twice)

■ **Smart key battery depletion***

If the smart key battery is depleted, replace it with a new one. (See P. 354)

Unlocking/locking doors from inside

■ Central locking switch



The doors can be unlocked and locked by the central locking switch on the driver's door.

When central locking switch is pressed, the button indicator lamp will come on, all doors are locked; Press again, the indicator lamp goes out, and all doors are unlocked.

Note: When a door is not closed, the central locking switch can only unlock the doors.

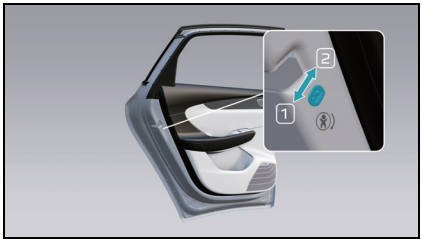
■ Inside door handle



Pull the inside door handle to open the door.

After the door is locked, pull the inside door handle once to unlock the door and pull it again to open the door.

Rear door child safety lock



After the safety lock is set, the doors cannot be opened from inside by rear passenger.

1 Locking

2 Unlocking

■ **Speed sensing door lock function**

When all doors are closed with any door unlocked, if the vehicle is operating and vehicle speed exceeds approx. 15km/h, the speed sensing door lock will be activated to lock the doors.

■ **Conditions affecting PEPS system or wireless remote control**

(See P. 105)

⚠ WARNING

■ Prevent accidents

Please observe the following precautions when driving.

Otherwise, occupants may be thrown out of the vehicle due to the accidental opening of the door, resulting in serious personal injury and even death.

- Be sure to fasten the seat belt properly.
- Ensure that all doors are closed correctly.
- Be sure to lock all doors.
- Do not pull the inside door handle while driving.

  Otherwise, occupants may be thrown out of the vehicle due to opening of the door, resulting in serious personal injury and even death.
- If there are children in the rear seat, be sure to set the rear door child safety lock.
- When leaving the vehicle and there is no one in the vehicle, please carry the key, close all windows and lock all doors to prevent unauthorized entry or theft.
- Never leave children unattended in the vehicle.
- Do not allow children to carry or use the key, as they may cause a safety hazard by starting the vehicle or operating the shift lever.
- Do not allow children to play with windows or other equipment as they may get injured.
- Make sure that the temperature inside the vehicle is appropriate, because too high or too low temperature will cause fatal injury to children.
- Make sure that the surrounding area of the vehicle is safe when opening the door.

  It is very dangerous to open the door suddenly, which may hit other vehicles or pedestrians and cause accidents.
- After closing the door, make sure it is closed tightly.

  It is very dangerous to leave the door ajar, because the door may open accidentally during driving, which may cause an accident.

■ When using concealed door handle

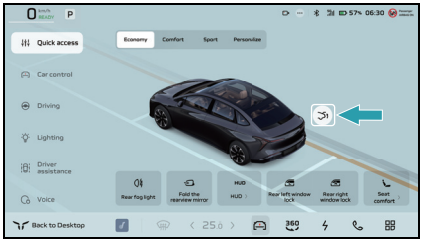
- Be careful not to get caught by the door handle or damage the door handle.
- When driving in winter, remove the ice or snow from the door handle, and then unlock or lock the door, otherwise the door handle may not work properly.

Trunk lid

The trunk lid can be opened by using the trunk lid unlocking button, PEPS or wireless remote control.

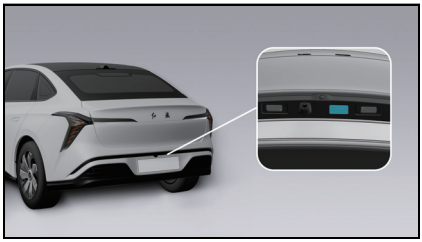
Opening trunk lid

■ Opening trunk lid from inside



When the vehicle is stationary and the trunk lid is closed, touch the trunk opening button in the shortcut setting of the in-vehicle infotainment system to unlock and open the trunk lid.

■ Opening trunk lid from outside



When the vehicle is locked, carry the smart key with you, and press the trunk lid exterior unlocking button to unlock and open the trunk lid; When the vehicle is unlocked, press the trunk lid exterior unlocking button to unlock and open the trunk lid.

■ Wireless remote control*

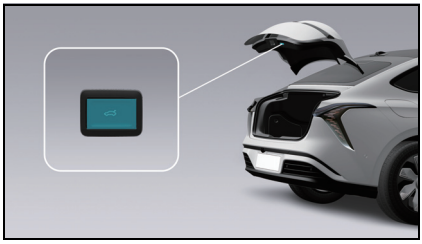


When the trunk lid is closed, press and hold the button to unlock and open the trunk lid.

Closing trunk lid

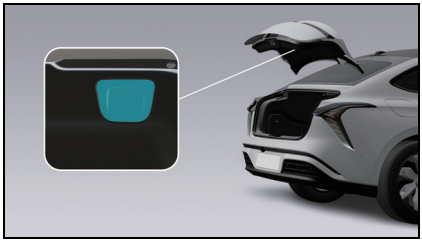
■ Closing trunk lid from outside

▶ Trunk lid switch



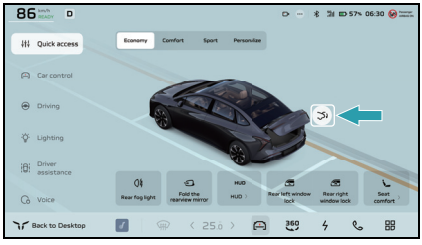
Press the trunk lid closing button, the trunk lid will automatically close.

▶ Trunk lid handle



Pull the trunk lid handle downward and press the trunk lid to close it.

■ Closing trunk lid from inside



When the vehicle is stationary and the trunk lid is open, touch the trunk closing button in the shortcut setting of the in-vehicle infotainment system, the trunk lid will automatically close.

■ Wireless remote control*



When the trunk lid is open, press and hold the button until the trunk lid is closed.

■ **Trunk lamp**

When the trunk lid is opened, the trunk lamp will come on.

■ **During the trunk lid opening process, press the trunk lid unlocking button on the in-vehicle infotainment system to stop opening. Press it again to close the trunk lid.**

■ **Trunk lid position memory**

Open the trunk lid, adjust it to a suitable angle (which should be more than half of the maximum opening angle), press and hold the trunk lid closing button for more than 3 seconds, then all turn signal lamps will flash twice and the current position will be memorized as the opening position of trunk.

■ **Key reminder***

With vehicle power supply set to OFF mode and the vehicle locked, when the trunk lid is opened and closed separately from outside, if the smart key is left in the trunk, the key reminder will be triggered (the trunk lid will be automatically opened).

⚠ WARNING

■ **When opening and closing the trunk lid, be careful to avoid being caught by the trunk lid.**

■ **Before driving**

- Make sure the trunk lid is fully closed. Otherwise, the trunk lid may open accidentally during driving, strike nearby objects, or cause luggage inside to be thrown out, leading to accidents.
- Prevent the children from playing in the trunk. Otherwise, they may be locked in the trunk by accident and suffer from heatstroke, suffocation or other injuries thereafter.
- Do not allow children to open or close the trunk lid. Failure to do so may cause the trunk lid to open by accident or cause the closing trunk lid to pinch the child's hands, head or neck.

■ **Precautions when driving**

Be sure to keep the trunk lid closed to prevent objects from being thrown out.

■ **When children are in or around the vehicle**

Prevent children from playing in or around an unattended vehicle, especially when the trunk lid has been opened, because children may enter and be trapped in the trunk. If the temperature in the vehicle is too high or too low at this time, serious injury or death may occur.

⚠ WARNING

■ Important when driving

Never let anyone sit in the trunk. Otherwise they are susceptible to serious injury or even death in the event of emergency braking or collision.

■ Anti-pinch function

Never use any part of your body to intentionally activate the anti-pinch function.

■ Using trunk

Please observe the following precautions. Otherwise a body part may be pinched, causing serious injury.

- Before opening the trunk lid, remove the heavy loads on the trunk lid, such as snow and ice. Otherwise, it may cause the trunk lid to suddenly close again after opening.
- Before opening or closing the trunk lid, please thoroughly check the surrounding area for the sake of safety.
- If anyone is nearby, ensure their safety and inform them that the trunk lid is about to open or close.
- Use caution when opening or closing the trunk lid in windy weather, because the trunk lid may suddenly move in strong winds.
- Do not install any accessories on the trunk lid. Otherwise, the extra weight may cause the trunk lid to suddenly close again after opening.
- It is much more difficult to open or close the trunk lid on a slope than on a level road, so beware of accidental closure of the trunk lid during opening or accidental opening during closing. Before using the trunk, make sure that the trunk lid is fully opened and secured.
- When closing the trunk lid, special care should be taken to avoid pinching fingers and other body parts.
- Do not touch the trunk lid during its electric operation (opening/closing), to prevent personnel injury or damage to the trunk lid.
- If the automatic opening or closing process of the trunk lid is affected by poor movement or obstacles, the opening or closing process will be interrupted automatically:
  - Check if there are obstacles in the opening or closing path of trunk lid;
  - The trunk lid can be continued to open or close manually if necessary. Greater force is required for this purpose, and force must be applied slowly; Do not operate the trunk lid violently at this time to prevent damage to the trunk lid from excessive impact.

As long as you carry the smart key, for example, in your pocket, you can do the followings. (The driver must carry the key with him)

1 Locking and unlocking the doors (see P. 97)
2 Starting vehicle (see P. 205)
3 Trunk lid locking/unlocking (see P. 101)

The proximity unlocking and walk-away locking functions can be turned on and off through the vehicle control settings interface of the in-vehicle infotainment system. (See P. 164)

Proximity unlocking

After the function is activated, there is no need to take out the key. Just approach within 1 - 2 m of the vehicle's B-pillar, and the vehicle can be unlocked automatically.

Walk-away locking

After the function is activated, there is no need to take out the key. Just walk 2 - 3 m away from the vehicle, and the vehicle can be locked automatically.

Alarm and notification function

The system alarm and notification function is provided through the multimedia display, warning buzzer and hazard warning lamp.

- When any warning lamp comes on

  Take corresponding measures depending on the lit warning lamp. (See P. 56)

- When an warning message is displayed

  Take corresponding measures depending on the warning message displayed on the multimedia display.

Conditions affecting operations

The radio waves used by the PEPS system are weak. The communication between the key and the vehicle may be affected in the following circumstances, which may prevent the PEPS system and the wireless remote control function from working properly.

- When the smart key battery is low.
- When the smart key battery is depleted.
- When the user is close to a TV tower, power plant, gas station, radio station, large monitor, airport or other facilities that produce strong radio waves or electrical noise interference.
- When the user carries a portable radio, mobile phone, cordless phone or other wireless communication device.
- When the key comes into contact with or is covered by a metal object.
- When multiple smart keys are near the vehicle at the same time.
- When the user carries or uses the key with the following device that emit radio waves.
  - Smart key of any other vehicle
  - Wireless remote control key for transmitting radio waves
  - Personal computer
- When the sunshade film with metal composition or any metal material is adhered to the rear windshield.
- When the following metal objects touch or cover the key.
  - A card with aluminum foil
  - Cigarette case with aluminum foil attached inside
  - A wallet or bag made of metal
  - Coins
  - Metal hand warmer
  - Media such as CD and DVD
- There are other wireless remote control keys (transmitting radio waves) near the vehicle when they are in use.
- When the key is near the battery charger or electronic device.

■ **Operating system properly**

- Remember to carry the key when operating the system. When operating outside the vehicle, do not make the key too close to the vehicle.
- Depending on the specific location of the key and the holding method, the key signal may not be detected, resulting in the system not functioning properly.

■ **Safety function**

- When using remote unlocking or intelligent unlocking, if the door or trunk lid is not opened, the vehicle will be automatically locked after a period of time.

■ **When parking for a long time**

- To prevent the vehicle from being stolen, do not place the key too close to the vehicle.
- When the vehicle is parked for a long time, it must be locked. Otherwise, the battery may be depleted.

■ **If the PEPS system does not work properly**

- Lock and unlock the door: Use the mechanical key. (See P. 303)
- Start the power system. (See P. 303)

■ **Notes on PEPS**

- Under the following circumstances, the system may not work properly even if the key is within the effective range (sensing area).
- The door may not be locked under the following circumstances.
  - When any door is not completely closed.

⚠ WARNING

■ Precautions for walk-away locking function

- After the walk-away auto locking function is turned on, please make sure there are no children or pets in the vehicle before leaving to avoid accidents.
- When leaving the vehicle, the driver should confirm that the vehicle has been successfully locked automatically by the lock prompt tone or visually checking the vehicle status to ensure the safety of the property in the vehicle.
- Do not place the smart key together with communication devices such as mobile phones and Bluetooth headsets to avoid accidental locking of the vehicle due to signal interference.
- Strong magnetic field equipment such as DC charging piles or high voltage substations have strong interference with the smart key signal, which may cause accidental locking or locking failure in some scenarios.

■ Precautions for interference with electronic devices

Individuals with implantable pacemakers, cardiac resynchronization therapy pacemakers or implantable cardioverter defibrillators should keep an appropriate distance from the antenna of the PEPS system.

- Radio waves may affect the normal operation of such devices. For details of radio wave frequency and radio wave transmission time, please consult authorized FAW Hongqi dealer. Then ask your doctor if you can use them normally.
- Individuals with other electronic medical devices instead of implantable pacemakers, cardiac resynchronization therapy pacemakers or implantable cardioverter defibrillators should consult the device manufacturer about the impact of radio waves on the operation of the devices.
- Radio waves may have an unpredictable impact on the use of such medical devices.
- For details about PEPS, please consult authorized FAW Hongqi dealer.

Goods and luggage

Please pay attention to the followings when storing goods and luggage.

- Store goods and luggage in the trunk as much as possible.
- Ensure that all articles are firmly fixed.
- Keep the vehicle level. Put the weight forward as far as possible to keep the vehicle balanced.
- In order to improve the driving range, please do not carry unnecessary heavy objects.

⚠ WARNING

■ Articles prohibited from being stored in the trunk

The following articles may cause fire when placed in the trunk.

- A container with gasoline.
- Aerosol can.
- Other inflammable and explosive articles.

■ Precautions for storage

To avoid serious personal injury or even death, please observe the following precautions:

- Do not place goods or luggage in the following places. Otherwise, the articles may jam the brake pedal or accelerator pedal which may not work properly, and may block the driver's sight or hit the driver or passengers, thus causing accidents.
  - Driver's footwell
  - Front passenger's seat or rear seat (with articles)
  - Instrument panel
- Store all the articles properly in the vehicle. Otherwise, the articles may move and cause personal injury in the event of an accident or emergency braking.
- It is forbidden to store poorly sealed liquid containers in the trunk.

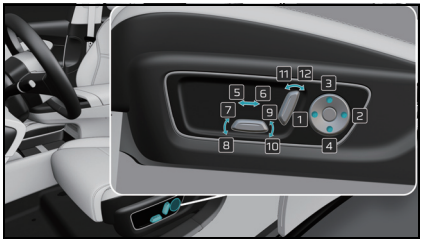
■ Load and distribution

- Please do not overload the vehicle.
- Be sure to place the goods evenly.
  Improper placement may lead to poor steering or braking control performance, resulting in serious personal injury and even death.
- Do not put heavy objects in the trunk for a long time.
  Placing heavy objects in the trunk for a long time may affect the performance of the suspension system.

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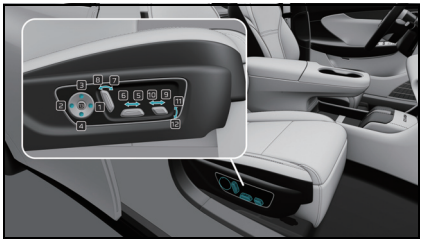
Adjustment steps

▶ Driver's seat



1 Protruding lumbar support
2 Depressing lumbar support
3 Moving lumbar support upward
4 Moving lumbar support downward
5 Moving seat forward
6 Moving seat backward
7 Lifting front end of seat
8 Lowering front end of seat
9 Lifting seat
10 Lowering seat
11 Tilting seat back forward
12 Tilting seat back backward

▶ Front passenger's seat



1 Protruding lumbar support*
2 Depressing lumbar support*
3 Moving lumbar support upward*
4 Moving lumbar support downward*
5 Moving seat forward
6 Moving seat backward
7 Tilting seat back forward
8 Tilting seat back backward
9 Seat leg rest extend*
10 Seat leg rest retract*
11 Seat leg rest upward*
12 Seat leg rest downward*
13 One-button lie down*

■ **One-button lie down***

- Set the shift lever to P position, press the one-button lie down button to activate the one-button lie down function, press and hold the button for more than 2 seconds to initiate the one-button reset function. Press the button again during seat movement will terminate the reclining operation.
- After entering one-button lie down mode, the reclining position can be adjusted manually and set the current position as the one-button lie down memory position through the pop-up window on the display.
- After entering one-button lie down mode, the front passenger's seat welcome function will be disabled, and the front passenger's seat welcome switch on the multimedia display will turn off automatically. If this switch is turned on again at this time, it will turn off automatically after highlighting. After exiting one-button lie down mode, the front passenger's seat welcome switch will turn on automatically.

⚠ WARNING

■ Seat adjustment

- Do not tilt the seat excessively during driving, so as to prevent your body from slipping out of the lap belt. If the seat is tilted excessively, the lap belt may slide over the hips and strangle the abdomen or allow the shoulder belt to reach the neck, increasing the risk of serious injury or even death in the event of an accident.
- Make sure the seat adjustment components are locked in place.
  Failure to securely lock the adjustable seat and seat back is extremely dangerous. In case of emergency braking or collision, the seat or seat back can move unexpectedly, resulting in personal injury. Try to slide the seat forward and backward and shake the seat back to make sure the seat is locked in place.
- Do not place your hands under the seat or near moving parts, as the seat mechanism may pinch your hands.
- Be careful when adjusting the seat position to ensure that other occupants are not injured when the seat moves.
- Do not allow the children to adjust the seat.
  It is very dangerous to allow children to adjust the seat. If a child's hand or foot is caught, serious injury could occur.
- Always park the vehicle before adjusting the driver's seat.
  Adjusting the driver's seat during driving is very dangerous, because the driver may lose control of the vehicle, which could lead to an accident.

■ Seat modification

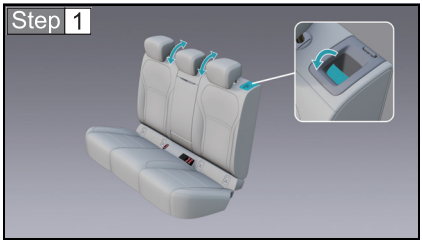
- Modifying or replacing the front seats may damage the airbag components in the seats and cause failure of the airbags to deploy properly in the event of a crash.
- If the seat needs to be removed or replaced, please contact an authorized FAW Hongqi dealer.

■ If the seat is damaged

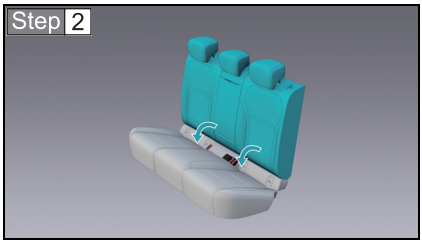
- If the seat has been damaged, it is very dangerous to drive the vehicle at this time.
- After a collision, even if the seat airbag does not deploy, the seat may be damaged. Therefore, after a collision, please contact an authorized FAW Hongqi dealer for inspection of the seats, seat belt pretensioners and airbags.

The rear seat back is folding.

Folding the rear seat back



Pull the release handles on the left and right sides of rear seat to fold the seat back.



Fold the seat back.

Resetting the seat back to the upright position

Reset the seat back to the upright position until a "click" is heard, and then gently shake the seatback back and forth to ensure it is securely locked.

Check that all seat belts are properly secured for use.

⚠ WARNING

■ Precautions during rear seat back folding

Please observe the following precautions. Failure to do so may result in serious injury or even death.

- Do not fold the seat backs while driving.
- Park the vehicle on a level ground, set the shift lever to P position, and apply the parking brake.
- When folding the rear seat backs, be careful not to pinch your hands.
- Before folding the rear seat backs, adjust the position of the front seats so that the front seats do not interfere with the rear seat backs during folding of the rear seat backs.
- Before reclining the rear seat backs, be sure to release the rear seat belt buckles and retract the belts of both outboard rear seats to both sides of the seats; otherwise the seat belts, buckles and seat backs may be damaged.

■ Precautions after rear seat back folding

- Do not allow anyone to sit on the folded seat back or in the trunk while driving.
- Do not allow a child to enter the trunk.

  It is very dangerous for children to play in the vehicle with the seat back folded down. If a child enters the trunk and the seat back is folded back, the child could be trapped in the trunk, leading to an accident.
- Securely fix items in the trunk.

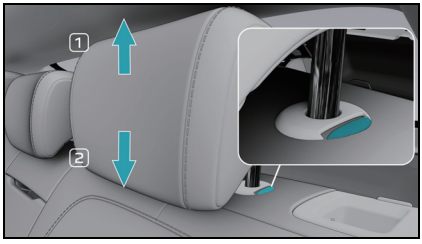
  It is very dangerous to drive without securely fixing items and luggage, because they may move and interfere with driving in case of emergency braking or accidental collision.

■ Precautions after resetting the seat back to the upright position

Please observe the following precautions. Failure to do so may result in serious injury or even death.

- Gently shake the seat back slightly forward and backward to make sure it is securely locked in place.
- Check that the seat belts are not twisted or stuck under the seats.

Headrest



1 Moving up
Pull up the headrest while pressing and holding the lock release button

2 Moving down
Push down the headrest while pressing and holding the lock release button

■ Removing headrest

Pull up the headrest while pressing the lock release button.

■ Adjusting headrest height

Adjust the headrest so that the center of the headrest aligns with the top of your ears.

⚠ WARNING

■ Precautions for headrest

Please observe the following precautions for headrest. Failure to do so may result in serious personal injury or even death.

- Use the headrests specifically designed for the seats.
- Be sure to adjust the headrest to the appropriate position for use.
- Do not drive the vehicle with the headrest removed.

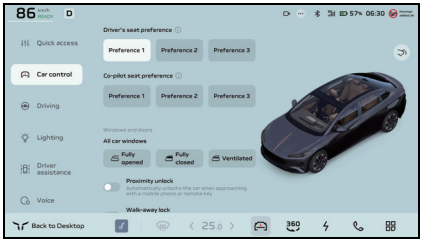
  Whenever you drive the vehicle, install the headrest and adjust it to the proper position. It is very dangerous to drive the vehicle with the headrest in a low position or uninstalled. In the event of a collision, the lack of head support could cause serious neck injuries.

■ Headrests can reduce the whiplash effect and mitigate the neck injury of the occupants in case of a rear impact.

Seat memory

The positions of seat, exterior rearview mirror and HUD can be memorized simultaneously.

Seat memory setting



Driver's seat preference

To set the memory content: After adjusting the positions of the seat, exterior rearview mirror and HUD, press and hold any memory button (for more than 3 seconds) to memorize the position information in that button.

To recall the memory content: Press the memory button to automatically adjust the positions of the seat, exterior rearview mirror and HUD to the memorized position set for that button.

Front passenger's seat preference

To set the memory content: After adjusting the position of the seat, press and hold any memory button (for more than 3 seconds) to memorize the position information in that button.

To recall the memory content: Press the memory button to automatically adjust the position of the seat to the memorized position set for that button.

Welcome function

The welcome function includes auto retreat and auto return.

Driver's seat welcome

Auto retreat: Set the shift lever to P position, and open the left front door. Then the seat automatically moves backward to facilitate the driver to get off the vehicle.

Auto return: Close the left front door, the brake pedal is depressed, the driver has fastened the seat belt or the A-pillar camera judges that the driver gets in the vehicle, the seat will automatically return to the position before the driver leaves the vehicle.

Front passenger's seat welcome

Auto retreat: Front passenger is seated correctly, unfastens the seat belt or opens the right front door, the seat automatically moves backward to facilitate the passenger to get off the vehicle.

Auto return: Front passenger is seated correctly, fastens the seat belt or closes the right front door, the seat will automatically return to the position before the passenger leaves the vehicle.

■ **Welcome function switch**

The welcome function can be turned on and off through the vehicle control interface of the in-vehicle infotainment system. (See P. 165)

■ **During auto retreat**

During the auto retreat, the driver can operate the seat adjusting switch to terminate the seat retreat.

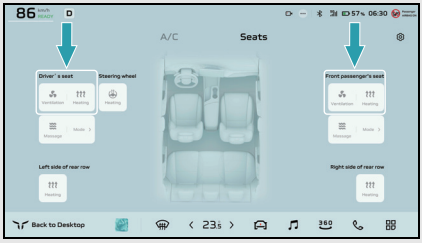
■ **During auto return**

During the auto return, the driver can operate the seat adjusting switch to terminate the seat return.

Seat temperature control

The temperature of each seat can be adjusted separately.

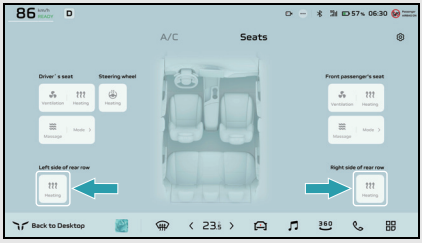
■ Front seat temperature adjustment



Touch the seat heating and ventilation button on the seat setting interface of multimedia display to select appropriate heating and ventilation level.

Levels 1-3 are selectable.

■ Rear seat temperature adjustment



Touch the rear seat heating button on seat settings interface of multimedia display to select the appropriate heating level.

Levels 1-3 are selectable.

■ Operating conditions

Vehicle power supply is set to ON mode.

WARNING

■ **Be sure to observe the following precautions when using seat heating or ventilation function**

- Use caution when following persons are seating on the heated seat to avoid burns:
  - Infants, children, the elderly, the sick and the disabled
  - Persons with sensitive skin
  - Persons who are very fatigued
  - Persons who are drowsy because of taking alcohol or drugs (sleeping pills, cold medicine, etc.)
- Do not cover the seat with any object (e.g. blanket, seat cushion) when using seat heating or ventilation. Otherwise, the seat temperature will increase or decrease, which leads to overheating or overcooling.
- Do not turn on the seat heating or ventilation function unless necessary. Otherwise, passengers may feel overcooled, overheated or suffer from localized burns.

CAUTION

■ **Preventing damage to seat heating or ventilation system**

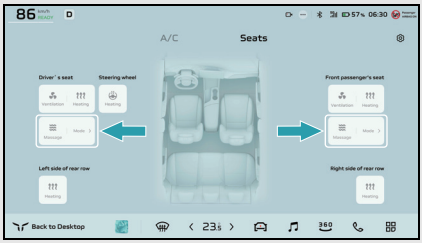
Do not place heavy objects with uneven surfaces on the seats, or stick sharp objects (needles, nails, etc.) in the seats.

■ **When cleaning seats**

Do not clean the seats with organic substances such as benzene, gasoline, etc. Otherwise, the heater and seat upholstery are liable to be damaged.

Seat massage function*

Front seat massage function can be realized through multimedia display.



Seat massage mode and level can be selected through seat setting interface of multimedia display.

The system will be turned off automatically after a period of operation.

■ Operating conditions

Vehicle power supply is set to ON mode.

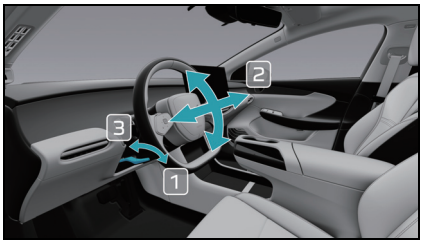
⚠ WARNING

■ Using seat massage function

- Pregnant women, puerpera or sick people (heart disease, etc.) who need rest should consult a doctor before use.
- Children are forbidden to use massage function.
- The massage function should not be used immediately after a meal or used for a long time.
- If you feel uncomfortable when using massage function, stop using it immediately.

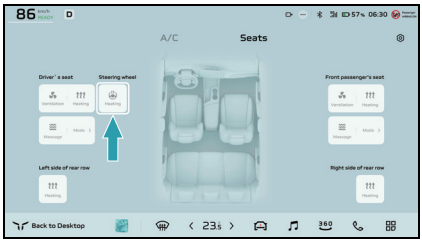
Steering wheel adjustment

The steering wheel can be adjusted to a comfortable position.



1 Release the steering wheel adjusting handle.
2 Adjust the steering wheel to a comfortable position.
3 Lock the steering wheel adjusting handle.

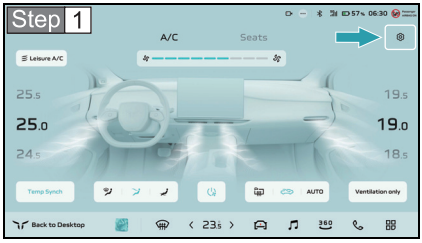
Steering wheel heating



Touch the steering wheel heating button on seat settings interface of multimedia display to select the appropriate heating level.

Levels 1-2 are selectable.

Steering wheel heating setting



Touch the setting button on A/C settings interface of multimedia display.



Set the ON/OFF of auto level down for steering wheel heating.

After the auto level down setting is turned on, the steering wheel heating function will automatically degrade to level 1 after heating at level 2 for a period of time.

⚠ WARNING

■ **Precautions when driving**

- Do not adjust the steering wheel while driving, as this may cause the driver to make a mistake and cause an accident, which could result in serious injury or even death.
- During driving, the driver's hands should hold the outside of the steering wheel rim at the 3 o'clock and 9 o'clock positions. Do not hold the steering wheel at the 12 o'clock position or in any other position, as this may result in injury to the driver's arms or head when the driver's airbag deploys.

■ **When adjusting the steering wheel**

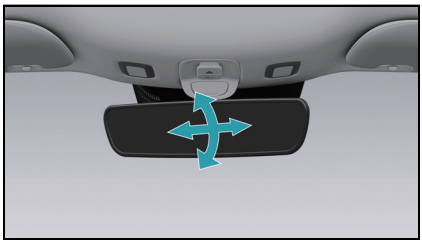
The steering wheel should be adjusted so that the driver’s chest is at least 300 mm away from the steering wheel. Do not make the steering wheel directly face the driver's face; otherwise the driver’s airbag will not provide effective protection in the event of an accident.

■ **After adjusting the steering wheel mechanically**

Ensure that the steering wheel is firmly locked, otherwise it may cause an accident due to sudden movement of the steering wheel, resulting in serious personal injury or even death.

Interior rearview mirror

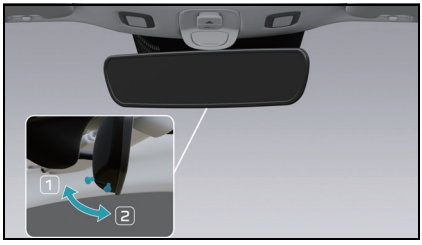
Adjusting interior rearview mirror



The interior rearview mirror can be adjusted up, down, left or right depending on the driving posture.

The driver must adjust the interior rearview mirror to a proper position, in order to view the rear of the vehicle through the rear windshield.

Anti-glare function



Anti-glare function can be turned on or off by adjusting handle as required.

1 Turn on anti-glare.
2 Turn off anti-glare.

⚠ WARNING

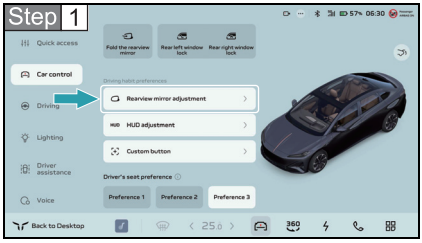
■ During driving

- Do not adjust the position of the rearview mirror while driving, as this may result in an accident due to mishandling, which could lead to serious injury or even death.
- Stacking items in the rear seats beyond the seat back height will obstruct the sight in the rearview mirror, which could result in a traffic accident. Therefore, do not stack items beyond the seat back height.

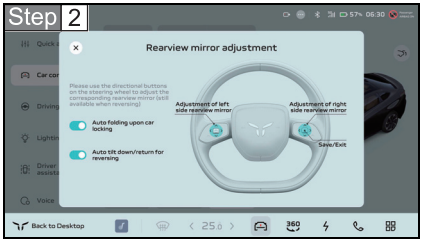
Exterior rearview mirror

Adjusting exterior rearview mirror

When the vehicle power supply is set to ON mode, the angle of exterior rearview mirror can be adjusted.

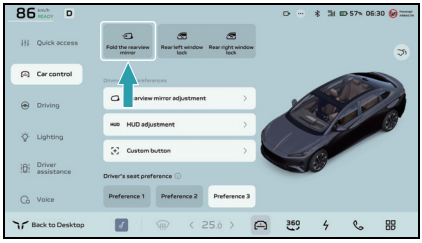


Select rearview mirror adjustment through the vehicle control interface of the in-vehicle infotainment system.



Use the directional buttons on the steering wheel to adjust the corresponding rearview mirror.

Folding exterior rearview mirror

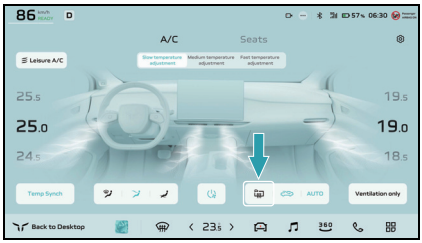


Select rearview mirror folding through the vehicle control interface of the in-vehicle infotainment system. Press the exterior rearview mirror folding button to fold the exterior rearview mirror; press the button again to unfold the mirror.

The exterior rearview mirror will automatically fold when the vehicle is locked, and automatically unfold when the vehicle is unlocked.

Select rearview mirror adjustment through the vehicle control interface of the in-vehicle infotainment system, to set the ON and OFF of automatic folding function of exterior rearview mirrors. (See P. 164)

Exterior rearview mirror heating



Touch button on the A/C operation interface. Then the indicator lamp comes on, exterior rearview mirror and rear windshield can be heated simultaneously.

Touch button again. Then the indicator lamp goes out, and deactivate the heating.

Note: The system will be turned off automatically after a period of operation and the indicator lamp will go out.

■ **Operating conditions for exterior rearview mirror angle adjustment function**

The vehicle power supply is set to ON mode and the parking brake is applied.

■ **Operating conditions for exterior rearview mirror folding switch and heating switch**

Vehicle power supply is set to ON mode.

■ **Using power mode in cold weather**

In cold weather where the exterior rearview mirrors may freeze, the automatic folding and unfolding feature may not function in power mode. In this case, remove the snow and ice from the exterior rearview mirrors, and then operate the mirrors manually.

■ **Exterior rearview mirror memory**

The exterior rearview mirrors feature a memory function that can be linked with the seat and HUD memory. (See P. 118)

■ **Automatic adjustment of right rearview mirror**

When the shift lever is set to R position, if this function is turned on, the right rearview mirror automatically tilts down to provide the driver with a back-up view. After the shift lever has been out of R position for 10 seconds or when the vehicle speed exceeds 15 km/h, the rearview mirror automatically returns to its previous position.

With the shift lever in R position, the driver can adjust the right rearview mirror to an appropriate angle, which is memorized as the target downward tilt position.

Select rearview mirror adjustment through the vehicle control interface of the in-vehicle infotainment system to set the ON and OFF of auto tilt-down/return of exterior rearview mirrors during reversing. (See P. 164)

⚠ WARNING

■ When driving

Please observe the following precautions while driving. Failure to do so may result in loss control of the vehicle and cause an accident, resulting in serious injury or even death.

- Always look around before changing lanes.
  It is dangerous to change lanes without considering the actual distance of the vehicle in the exterior rearview mirror. Since the actual distance of the object is closer than what you see in the exterior rearview mirrors, it can lead to a serious accident.
- Do not drive with the exterior rearview mirror folded. Be sure to reset the exterior rearview mirrors to the unfolding position before driving.

■ When adjusting the exterior mirror

To avoid personal injury and rearview mirror fault, be careful not to have your hands pinched by the mirror in motion.

■ When operating the exterior rearview mirror heater

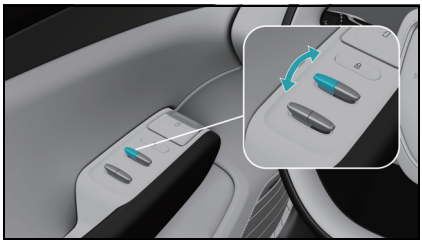
- Do not touch the surface of the exterior rearview mirror, as it will become hot and may cause burns.
- Turn off the exterior rearview mirror heating function when there is no need for heating.

■ Precautions when driving

Please observe the following precautions while driving:

- Do not adjust the rearview mirror while driving.
- Both left and right rearview mirrors must be unfolded and properly adjusted before driving.

Opening and closing power windows



Manual lifting/lowering

Push forward/pull backward the corresponding window regulator switch (keep pushing forward/pulling backward), to manually lower/lift the window glass.

Automatic lifting/lowering

Quickly push forward/pull backward the corresponding window regulator switch (push forward/pull backward and then release), to automatically lower/lift the window glass.

The driver's power window switch can control other windows.

■ **Operating conditions for power windows**

Vehicle power supply is set to ON mode.

■ **Operate the power windows after the vehicle power supply is turned off**

The power windows can be operated even after the vehicle power supply is turned off for a period of time.

■ **Initialization operation**

After the automatic window lifting/lowering function is disabled, the windows need to be initialized as follows:

- With the window glass in any position (more than 4 mm from the top of the window frame) within the effective anti-pinch area, continue pulling up the switch for the window to be initialized to close the window fully, and keep this action for about 2 seconds or more, then fully open and close the power window once to complete the initialization operation.

If necessary, contact an authorized FAW Hongqi dealer.

■ **Anti-pinch function**

In case of an obstacle during the automatic closing, the power window can automatically return to a safe position.

■ **Auto window closing function**

With vehicle power supply in OFF mode and the window not closed, the rain/light sensor will detect rainfall and automatically close the window.

The auto window closing function on rainy days can be turned on and off through the vehicle control interface of the in-vehicle infotainment system. (See P. 165)

■ **Remote window lifting***

With all doors, the front compartment cover and the trunk lid closed and vehicle power supply set to OFF mode, press and hold the lock button on the smart key within the effective range to close all windows.

⚠ WARNING

■ **To avoid serious personal injury or even death, observe the following precautions when closing the windows:**

- During operation on the windows, do check carefully to ensure that no part of the driver and passenger's bodies will be pinched.
- Do not allow children to operate the power windows.

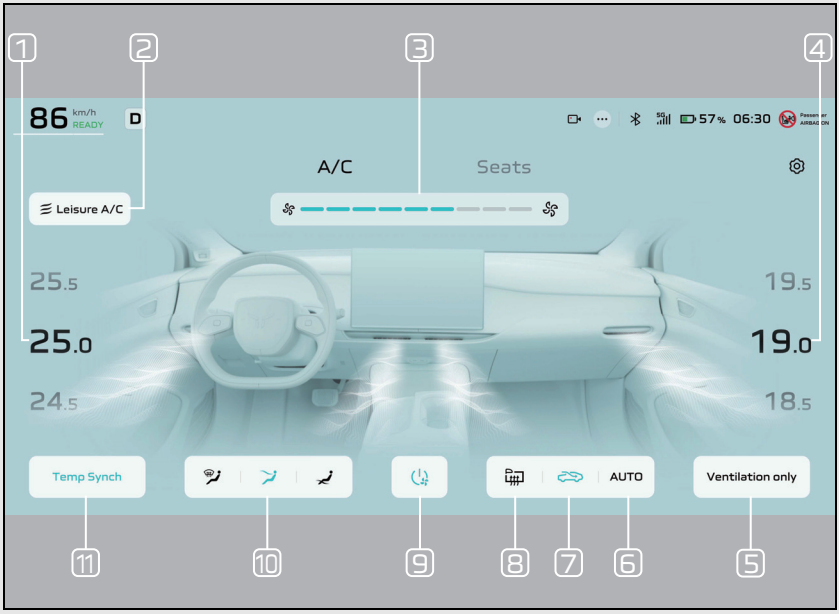
■ **Anti-pinch function**

- Never use any part of your body to intentionally activate the anti-pinch function.
- The anti-pinch function may not work if an object is caught when the window is about to close fully (4 mm).
- If the automatic window lifting/lowering function or the anti-pinch function is disabled, initialization is required.

Automatic A/C system

This vehicle is equipped with a dual-zone A/C system that automatically adjusts the outlet air temperature, air volume, air outlet mode and air supply mode to provide the desired driving environment for the occupants according to the temperature setting, combined with the current interior temperature, ambient temperature, sunlight intensity, vehicle speed, water temperature and other environmental parameters.

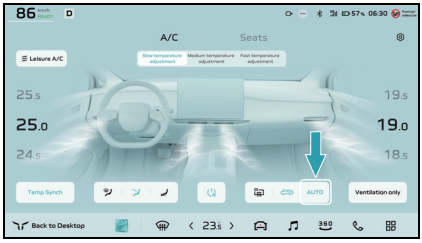
▶ A/C operation interface of in-vehicle infotainment system



1 Driver side temperature setting button
2 Leisure A/C button
3 Air volume setting button
4 Front passenger side temperature setting button
5 Ventilation only button
6 AUTO button
7 Recirculation/fresh air mode button
8 Rear windshield/exterior rearview mirror heating button

9 ON/OFF button
10 Air outlet mode button
11 Temperature synchronization button
Touch A/C setting button on in-vehicle infotainment system to enter A/C interface (see P. 157); In A/C interface, you can switch to seat setting interface to set the corresponding function.

Using automatic A/C system



Touch the [AUTO] button on the A/C operation interface to enter the automatic A/C mode, where the temperature adjustment mode can be selected.

In automatic mode, the air volume setting button is automatically changed to the temperature adjustment mode button.

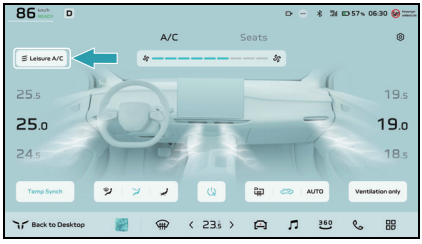
In automatic A/C mode, you can set the temperature by touching the temperature setting button according to your personal needs, and the system will control the air outlet mode and air volume according to the selected temperature, temperature adjustment mode setting and the influence of external environment.

■ **[AUTO] button indicator lamp**
- If the air outlet mode is operated, [AUTO] button indicator lamp does not go out.

■ **Using automatic mode**

The air volume is automatically adjusted according to the temperature setting and environmental conditions. Therefore, the following situations may occur.
- In summer, when the low temperature setting is selected, the system will automatically switch to the recirculation mode.
- After the switch is pressed, the blower may not turn immediately or may run at low speed until the warm or cold air is ready for normal air supply operation.

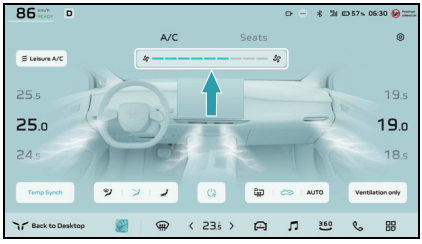
Using leisure A/C



Touch the [Leisure A/C] button on the A/C operation interface to enter leisure A/C. Leisure A/C will dynamically adjust the temperature, air volume and air outlet mode during the journey according to the driving environment and the usage habits of the driver and passengers. After operating the temperature, air volume or air outlet mode, the leisure A/C will exit and maintain the state after the operation.

Manual adjustment setting

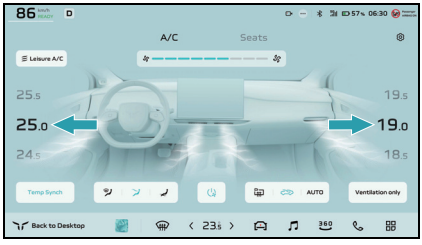
Adjusting air volume



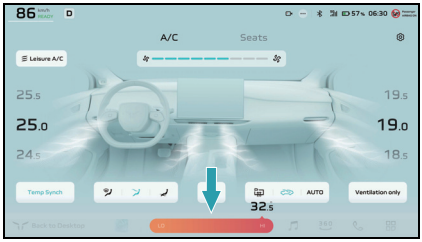
Touch the air volume setting bar on the A/C operation interface to adjust the air volume of A/C system among level 1-9.

The air volume cannot be adjusted manually in the automatic mode (temperature adjustment mode can be adjusted) until the automatic mode is turned off manually.

Adjusting temperature



Method 1: Slide up/down the temperature display value on A/C interface of in-vehicle infotainment system to set the temperature.

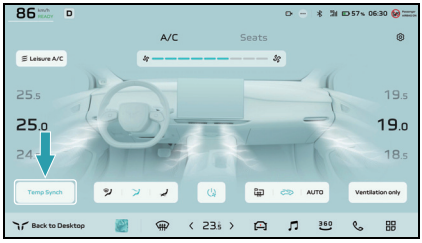


Method 2: Slide the temperature display value left and right on the shortcut button at the bottom of in-vehicle infotainment system to set the temperature.

■ Turning off A/C

Touch the button on the A/C operation interface to turn off the vehicle A/C system.

■ Switching temperature zone control mode

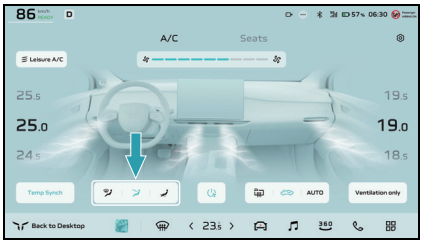


Touch the [Temperature synchronization] button on the display. Then the indicator lamp will come on, the single temperature zone control mode will be activated, and the temperature on front passenger side will be synchronized to the temperature set on the driver side.

Touch the [Temperature synchronization] button again. Then the indicator lamp goes out, the dual temperature zone control mode will be activated, and the temperature on driver side and front passenger side can be set separately.

If the temperature on front passenger side is set separately in the single temperature zone control mode, the dual temperature zone control mode will be activated.

■ Switching air outlet mode



Touch the air outlet mode selection button to select the corresponding air outlet mode, and touch it again to cancel the air outlet mode. The air outlet modes can be combined for selection.

: Front windshield mode.

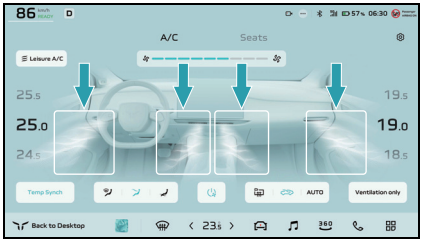
: Face mode.

: Foot mode.

: Foot and front windshield mode.

: Face and foot mode.

■ Adjusting blowing direction



After face mode is turned on, drag the wind direction icon on the A/C operation interface to adjust the blowing direction of air outlet for face.

After face mode is turned on, drag the wind direction selection button on the display to set the blowing direction of air outlet to manual or swing.

■ Switching recirculation/fresh air mode

Touch the [Recirculation/fresh air mode button] on the A/C operation interface to switch the modes. When button comes on, the recirculation mode is activated; when button comes on, the fresh air mode is activated.

If it is in manual fresh air mode, when the wiper water spray is turned on, it briefly switches to the recirculation mode to reduce the irritating odor from washer fluid entering the vehicle.

⚠ WARNING

■ **Do not use the recirculation mode in cold or rainy weather**

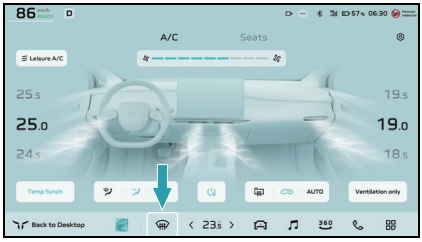
Using the recirculation mode in cold or rainy weather can cause the windows to fog up, which can obstruct your vision and could lead to a serious accident.

■ **When using recirculation mode**

The windows may fog up easily if the recirculation mode has been in use for a long time.

Other functions

■ Front windshield forced defrosting/defogging



Touch the shortcut button at the bottom of in-vehicle infotainment system, the indicator lamp comes on, and the front windshield forced defrosting/defogging function is turned on. (See P. 157)

In the recirculation mode, if the front windshield forced defrosting/defogging function is on, the system will automatically switch to the fresh air mode.

Increase the air volume and temperature to defrost/defog the front windshield as soon as possible.

■ **Window fogging**

- In rainy weather, the windows may fog up.
- The windows may fog up if the recirculation mode has been in use for a long time.

⚠ WARNING

■ **Preventing windshield fogging**

- When the weather is extremely humid, do not use the front windshield forced defrosting/defogging mode during cooling operation. The temperature difference between the air outside the vehicle and the windshield may cause the outer surface of the windshield to fog up, obstructing your vision.
- Do not place any objects on the instrument panel that may cover the air outlets as this may block the airflow and hinder the front windshield defogging.

■ Natural ventilation function

Touch the ventilation only button on the display to activate the natural ventilation mode, the air inlet mode is switched to fresh air mode and air outlet mode is switched to face + foot mode. At this time, the compressor stops operating, thus saving energy.

■ **Remote operation of A/C system**

- The A/C system can be remotely operated through the mobile APP. (See P. 69)

■ **Recirculation/fresh air mode**

- When driving on dusty roads (e.g. tunnels) or congested roads, switch to the recirculation mode. This effectively prevents outside air from entering the vehicle. During cooling operation, turning on the recirculation mode will also effectively reduce the interior temperature.
- The windows may fog up if the recirculation mode has been in use for a long time.

■ **Windshield defroster**

- In the front windshield forced defrosting/defogging mode, the system will switch to fresh air mode from recirculation mode automatically.
- The air volume may increase when the defrosting/defogging function is in operation, which helps defrost/defog the front windshield as soon as possible.

A/C odor

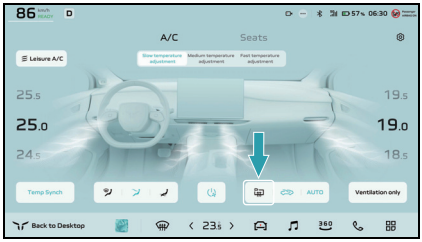
- During use, various odors from inside and outside the vehicle may enter and accumulate in the A/C system. This may cause odors to emanate from the air outlets.

CAUTION

Preventing a low 12 V battery

Turn off the A/C system if it is not needed when the vehicle is not started.

Rear windshield heating



Touch button on the display screen. Then the indicator lamp comes on, and the system starts heating rear windshield and exterior rear view mirrors.

Touch button again, the indicator lamp goes out, and the system stops.

Note: The system will be turned off automatically after a period of operation and the indicator lamp will go out.

WARNING

■ **Precautions during rear windshield heating**

Do not touch the heating area as it may become very hot and cause burns.

In-vehicle wireless charging

The center armrest is equipped with a wireless charging system.



Mobile phones that support Qi standard wireless charging can be placed in the wireless charging area for charging.

Mobile phones that do not support Qi standard wireless charging need to be charged with a receiver.

■ Operating conditions of in-vehicle wireless charging system

Vehicle power supply is set to ON mode.

⚠ WARNING

■ Pay attention to the following matters when using wireless charging

- Make sure there are no metal objects on the surface of wireless charger before use.
- When charging the phone, do not place metal objects between the phone and the wireless charger.
- It is recommended to monitor the vehicle battery power when using wireless charging without the vehicle being started.
- Do not place containers containing liquid on the surface of wireless charger to prevent liquid from flowing into the charger.
- Do not use a non-Qi standard receiver for charging, to prevent damage to the charger or receiver.

⚠ CAUTION

■ **When charging**

- If there are any metal objects (such as coins, keys, rings or paper clips) between the mobile phone and the charger while the phone is charging wirelessly, do not remove them immediately by hand to avoid burning your fingers. Please remove the mobile phone first and wait for the metal objects to cool down before removing them from the charger.
- Remove all items from the anti-slip mat for wireless charging. If there are foreign objects, the system may not charge properly.
- The mobile phone should be placed face up in the middle of the anti-slip mat.
- Long periods of direct sunlight on a charging mobile phone may increase the risk of mobile phone overtemperature.
- Placing mobile phone in extreme positions, such as corners, will affect charging efficiency.

■ **Please do not place magnetic cards such as expressway toll cards or bank cards in the wireless charging area, as they may cause demagnetization or damage**

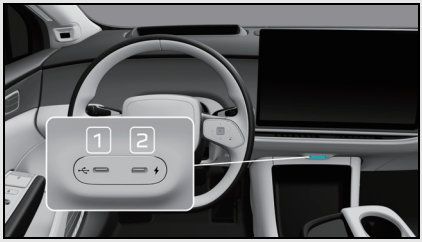
■ **Wireless charging disabled**

During wireless charging, if you leave the vehicle with the key, the wireless charging will be interrupted for a short time, this is normal.

Power outlet

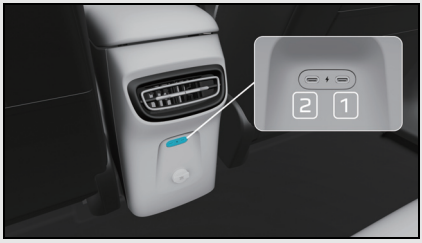
■ USB power

▶ Front



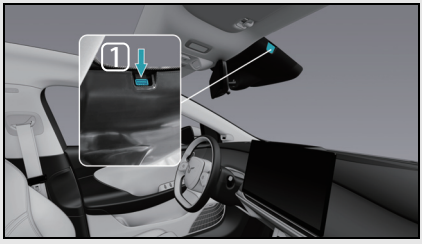
1 Type-C port (15W)
2 Type-C port (Max 66W)

▶ Rear



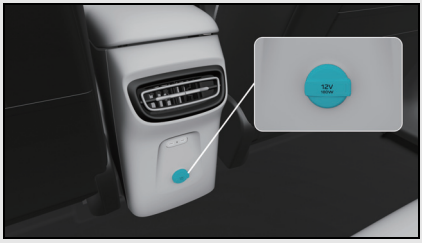
1 Type-C port (Max 66W)
2 Type-C port (Max 66W)

▶ Front windshield



1 Type-A port (18W)

■ 12 V power



Located at the lower end of rear center air outlet.

The power outlet can be used for 12 V accessories with operating current less than 10 A.

■ **Operating conditions of power outlets**

Vehicle power supply is set to ON mode.

⚠ CAUTION

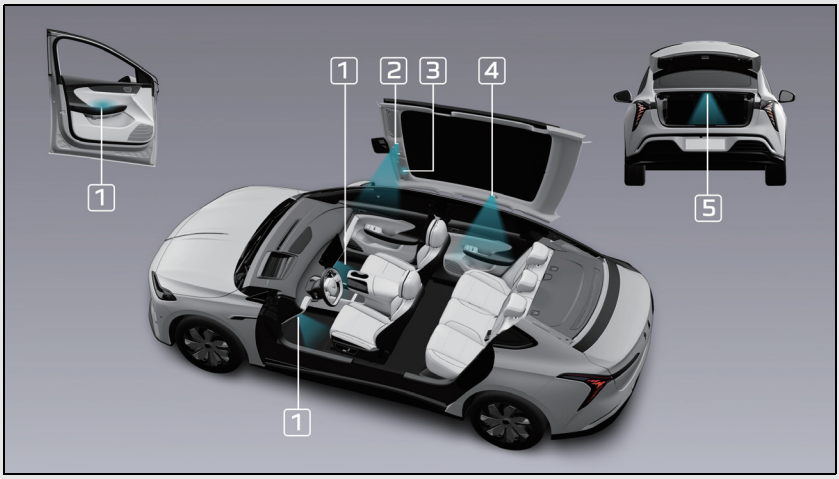
■ **Preventing damage to power outlets**

When the power outlet is not in use, the power outlet cover should be closed, otherwise foreign objects or liquids will enter the power outlet and cause short circuit.

■ **Preventing low battery**

Unless necessary, do not allow the power outlet to be in use for a long time when the vehicle is not started.

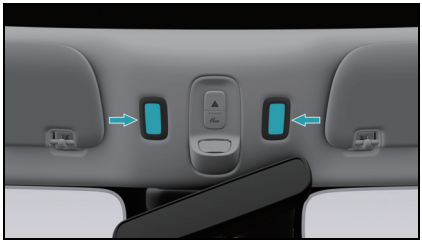
Using interior lamp



1 Ambient lamp (See P. 167)
2 Front reading lamp
3 Vanity mirror lamp
4 Rear reading lamp
5 Trunk lamp

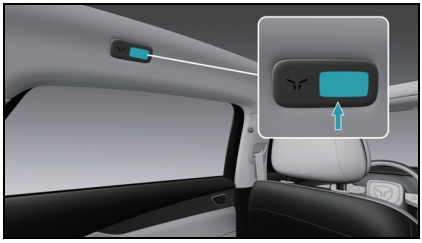
Reading lamp

Front reading lamp



Touch the front reading lamp position to turn on the front reading lamp; Touch it again to dim the lamp brightness; Touch it once more to turn off the front reading lamp.

Rear reading lamp

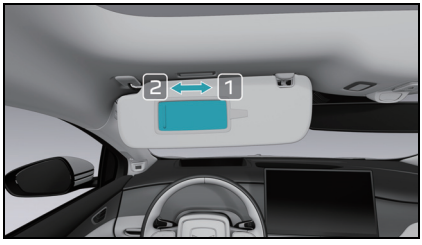


Touch the rear reading lamp position to turn on the rear reading lamp; Touch it again to dim the lamp brightness; Touch it once more to turn off the rear reading lamp.

Reading lamp setting

Fully ON/OFF of the reading lamp and ON/OFF of cabin lighting up when opening the door can be set through the lighting settings interface of the in-vehicle infotainment system. (See P. 167)

Vanity mirror lamp



1 Open the sun visor and open the vanity mirror cover to turn on the vanity mirror lamp.
2 Close the vanity mirror cover, the vanity mirror lamp goes out.

Energy saving control

When the vehicle power supply is turned off and all doors are closed, the interior lamp and ambient lamp will go out immediately.

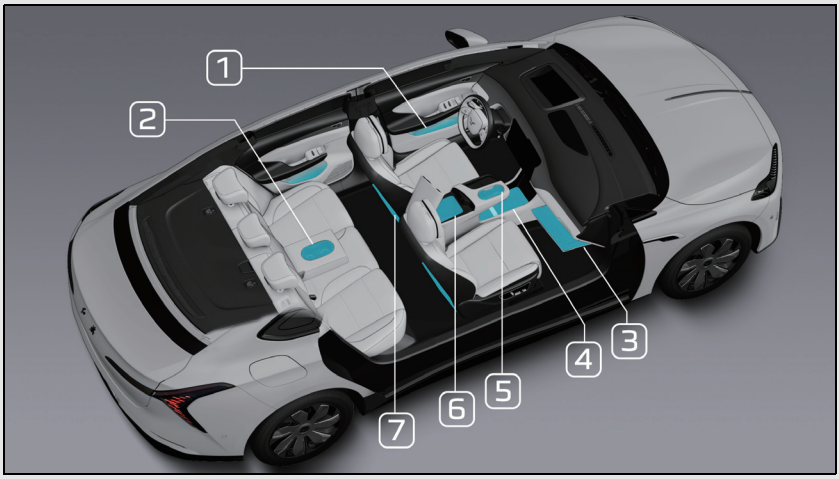
CAUTION

■ **Preventing a depleted battery**

Turn off the interior lamps when not needed.

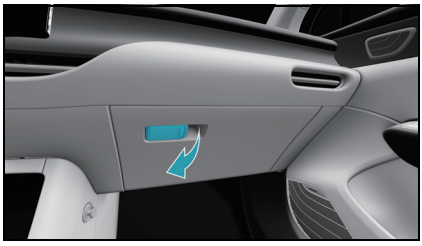
Do not allow the vanity mirror cover or the doors to be in open status for a long time. When they are opened, the corresponding interior lamps will come on and the battery may be depleted.

Storage compartments list



1 Storage box
2 Rear cup holder
3 Glove box
4 Front storage box
5 Front cup holder
6 Front center armrest box
7 Document pocket

Glove box



Pull the release handle to open the glove box.

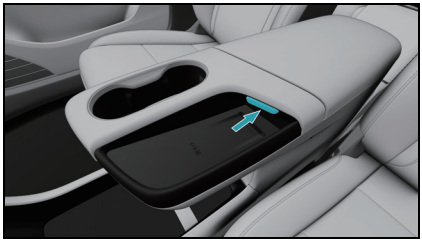
When closing the glove box cover, a "click" is emitted to indicate that it is securely locked.

⚠ WARNING

■ **Warning during driving**

Keep the glove box closed. Failure to do so may result in personal injury in the event of an accident or emergency braking.

Front center armrest box



Press the armrest box switch to open the front center armrest box.

When closing the glove box cover, a "click" is emitted to indicate that it is securely locked.

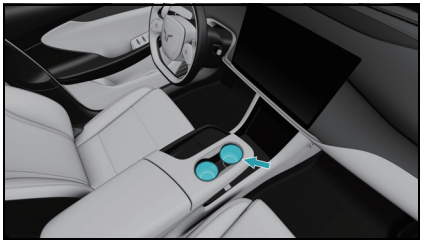
⚠ WARNING

■ **Warning during driving**

Keep the storage box closed. Failure to do so may result in personal injury in the event of an accident or emergency braking.

Cup holder

▶ Front



It can be used to securely place cups, movable ashtrays or beverage cans, etc.

▶ Rear



Lower the rear center armrest to use the cup holder.

Retract the cup holder when it is not in use.

When storing a cup in cup holder

- Tighten the cup cover.
- Depending on size or shape, certain cups may not be stored in the cup holder.

⚠ WARNING

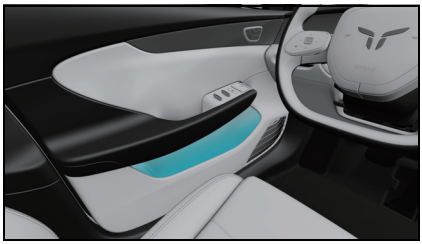
■ **When using cup holder**

- Do not place anything other than cups or aluminum cans in the cup holder, as such items may be thrown out of the cup holder and cause personal injury in the event of an accident or emergency braking.
- It is dangerous to use a cup holder for holding a cup with hot liquid. If the liquid inside the cup is spilled, it may cause burns.
- Be careful to prevent foreign objects such as liquids from coming into contact with the electrical parts around the cup holder, as this may cause risk of short circuit or electric shock.

■ **When not in use**

Keep the cup holder closed. Failure to do so may result in personal injury in the event of an accident or emergency braking.

Storage box



A storage box is provided on each door and can be used to store miscellaneous items such as bottles or rags.

When storing bottles, tighten the caps.

Depending on size or shape, certain bottles may not be stored in the storage box.

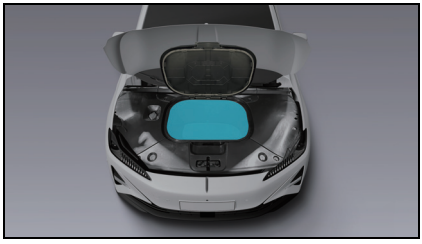
Document pocket



Document pockets are located on the rear of the driver's and front passenger's seat backs.

They are used for storing newspapers, magazines and other items.

Front compartment storage box



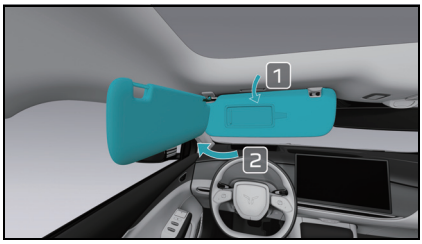
Open the front compartment cover to see the front storage box, which is used to store items.

CAUTION

■ **Preventing front compartment storage box from being damaged**

Load in front compartment storage box should not exceed 15 kg, otherwise, it may be damaged.

Sun visor



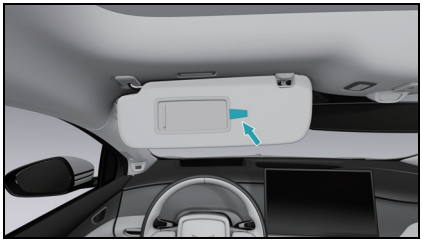
1 Front position

Turn down the sun visor.

2 Side position

Turn down the sun visor, unhook it, and pull it to the side.

Document holder



The document holder is located on the driver's sun visor.

It is used to store tickets, business cards and other objects.

CAUTION

■ **Preventing damage to the document holder**

Do not put too many objects in the document holder.

Vanity mirror



Turn down the sun visor and slide the vanity mirror cover to open the mirror. At this time, the vanity mirror lamp comes on.

CAUTION

■ **When not in use**

Keep the vanity mirror closed.

■ **Preventing low battery**

Do not allow the vanity mirror lamp to be on for a long time while the vehicle is not started.

Rear center armrest



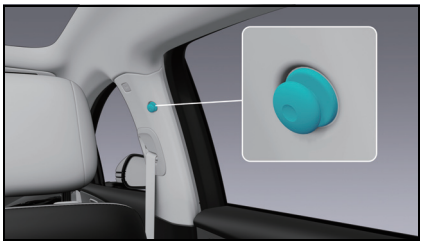
Pull down the armrest to use it.

CAUTION

■ **Preventing damage to the armrest**

- Do not press down hard or place heavy objects on the armrest when using it, and do not ride on the armrest.

Coat hook



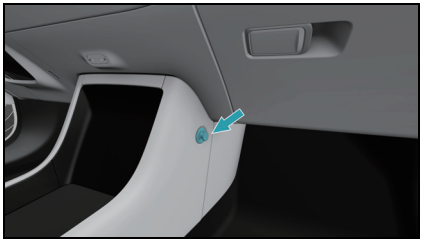
You can hang your clothes on the coat hook.

⚠ WARNING

■ Items that should not be hung on coat hook

Do not hang clothes racks or other hard or sharp objects on the coat hook. If the curtain airbag is deployed, these objects may be ejected, resulting in serious injury or death.

Front passenger side hook



Press the hook until a "click" is emitted to pop it out.

When retracting the hook, a "click" is emitted to indicate that it is securely locked.

⚠ CAUTION

■ Preventing damage to the hook

- Do not press down hard or place heavy objects on the hook when using it.

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Energy center 175
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Voice recognition 186

Multimedia display

Users can operate the functions such as navigation, Bluetooth phone, entertainment, and setting through the multimedia display.

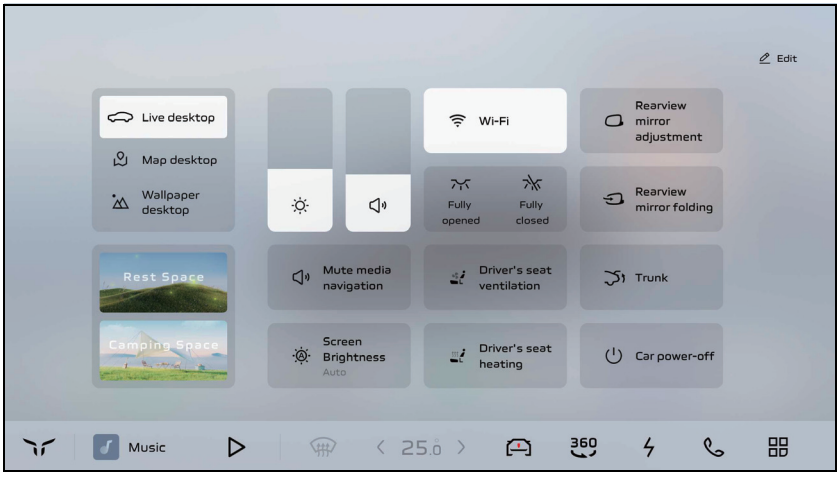


No.	Name	Function
1	Function display interface	Corresponding interface is displayed when turning on each function.
2	Return to desktop	Return to the default interface.
3	Entertainment	You can use the entertainment functions such as radio, DAB, Bluetooth music, Spotify, USB music, etc.
4	Quick card	Press and hold to replace or add applications such as tire pressure monitoring and charging.

5	Front windshield forced defrosting/ defogging	Turn on the front windshield forced defrosting/ defogging function.
6	A/C setting	Touch to enter the A/C setting interface
7	DOCK bar	Press and hold the quick access icon to replace it with quick access buttons for setting, energy center, phone, etc.
8	Application list	Access the application list to select and open applications.

■ Shortcut menu on multimedia display

With system on, swipe down on the main menu interface to pull out the shortcut menu, and you can quickly access to some functions such as screen brightness, sound, etc.



■ Preventing damage to the multimedia display

- During operation, touch the multimedia display gently with fingers. If the content shown on the multimedia display cannot be called out, it indicates that the content may not be available at the moment. Do not press the screen buttons excessively to avoid damage to the device.
- Do not use sharp or angular hard objects to touch the multimedia display; otherwise the multimedia display may be damaged.

- Do not spray liquid directly onto the multimedia display. If liquid leaks into the equipment, the electronic components may be damaged.
- When cleaning the surface of the multimedia display, set vehicle power mode to OFF mode and wipe the screen with a soft and dry cloth. Do not use coarse rags, chemical rags or organic reagents (alcohol, benzene, disinfectant, etc.) for cleaning, as they can damage or deteriorate the panel.

When using the multimedia display

- If the multimedia display is cold, the display may be dark, or the system may seem to be operating slightly slower than normal.
- The display may be dark or difficult to see clearly when you wear sunglasses, so change the angle of the multimedia display or remove the sunglasses.
- Do not expose the multimedia display to sunlight for a long time.
- Do not expose the multimedia display to moisture, dust, oil smoke, etc.

WARNING

When using the in-vehicle infotainment system

- Please avoid operating the system as much as possible while driving.
- The volume should be adjusted properly so that the situation outside the vehicle can be heard during driving. If the volume is adjusted too high to hear the situation outside the vehicle, an accident may be caused.
- Do not use the system in a fault state where there is no image or sound, as this may cause an traffic accident, fire, electric shock or fatal injury.
- Do not operate the system in no-parking areas, as this may result in traffic accidents.
- For the sake of safety, the use of this function shall never distract your attention or hinder safe driving. Ignoring road and traffic conditions can lead to accidents.

Do not disassemble or modify this product without permission, as this may cause traffic accident, fire, or electric shock.

In case of abnormal conditions such as entry of foreign materials or water ingress, stop using the system immediately and contact an authorized FAW Hongqi dealer. If you continue to use the system, a fault may occur.

CAUTION

■ **Noise from the in-vehicle infotainment system**

- Due to the high sensitivity of this system, the system may make interference noises when closing to TV towers, radio stations, power plants or other places with strong radio waves or electrical noise interference.
- During operation, the system may make interference noises when a mobile phone is used in or near the vehicle.

■ **Preventing damage to the in-vehicle infotainment system**

Be careful not to spill drinks or other liquids on the in-vehicle infotainment system. If liquid or other objects enter the unit, switch off the power immediately and contact an authorized FAW Hongqi dealer.

■ **Compatibility**

Some devices may not work properly due to their own compatibility.

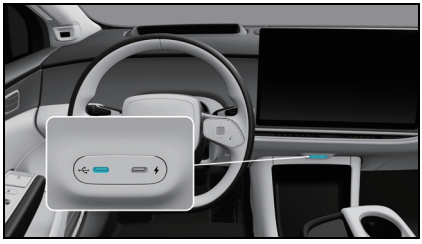
■ **In case of a fault**

If the fault cannot be eliminated, please contact an authorized FAW Hongqi dealer.

USB data interface

After connected to the USB data interface, an USB device can be operated through the in-vehicle infotainment system.

Using USB data interface



Located under the instrument panel.

■ USB memory

Connect a USB memory device.

If the USB memory is not recognized, turn on its power supply.

⚠ WARNING

■ During driving

Do not connect the device or operate its control buttons to prevent accidents.

CAUTION

■ **Preventing damage to USB devices or their terminals**

- Be sure to keep the interface clean. If foreign matter or liquid enters the interface, the in-vehicle infotainment system may malfunction.
- Do not plug high-current USB devices other than U disk and mobile phone, such as mobile hard disks and portable powers.
- Do not leave the USB device in the vehicle, as the temperature inside the vehicle may rise, causing damage to the USB devices.
- Do not press or apply unnecessary pressure to the USB device when it is connected.
- Do not insert foreign objects into the interface.

■ **Compatibility**

Some devices may not work properly due to their own compatibility. USB devices in FAT32 format are recommended.

■ **Ensuring proper system recognition**

USB devices with poor quality may not be identified by the system, so it is recommended to use high-quality USB devices.

■ **When getting off the vehicle**

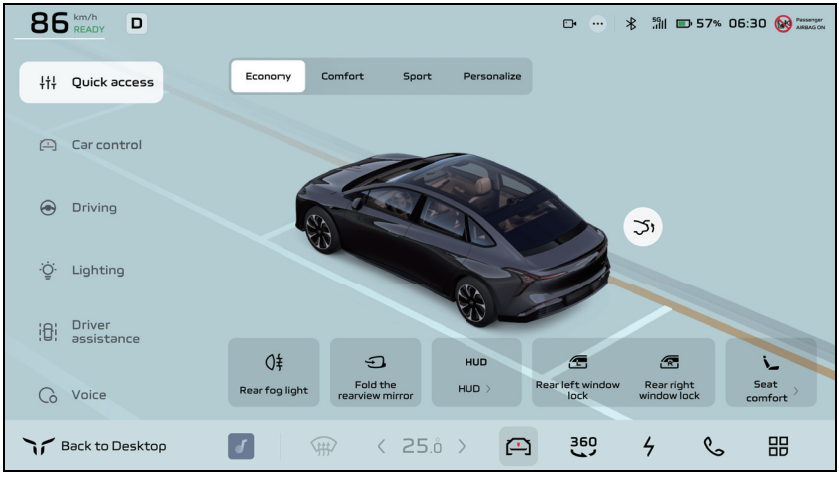
Do not leave items such as mobile phones in the vehicle. The temperature inside the vehicle may rise, causing damage to mobile phones.

■ **Mobile phone data cable**

The USB cables supplied with mobile phones are recommended for connection to ensure a stable connection.

On the main menu interface, touch button to enter setting function interface.

Shortcut setting



1 Driving mode (displayed when not in P position)

Four driving modes (economic, comfort, sport, personalization) can be set quickly.

1 Vehicle power-off (displayed when in P position)

After touching, a secondary pop-up reminder will appear, confirm to switch the vehicle power supply to OFF mode.

Sound effect (displayed when in P position)

Touch to enter the sound setting. (See P. 172)

2 Trunk lid button

Touch to open/close the trunk lid.

3 Rear fog lamp

Touch to turn on/off rear fog lamp.

4 Folding rearview mirror

Set the ON/OFF of rearview mirror folding.

5 Head-up display

Touch to enter the head-up display adjustment interface. (See P. 164)

6 Left rear window lock

Touch the switch to turn on and lock the left rear window. Press the switch again to turn off and unlock the left rear window.

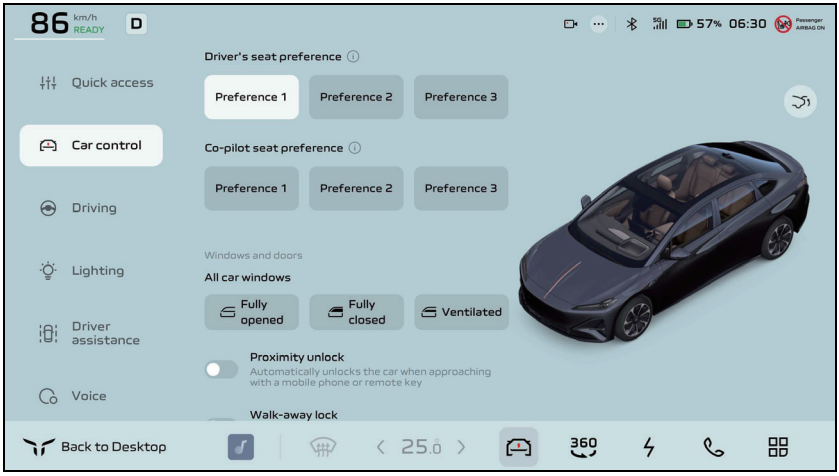
7 Right rear window lock

Touch the switch to turn on and lock the right rear window. Press the switch again to turn off and unlock the right rear window.

8 Seat comfort

Touch to enter the seat setting interface.

Vehicle control setting



1 Folding rearview mirror

Set the ON/OFF of rearview mirror folding.

2 Left rear window lock

Touch the switch to turn on and lock the left rear window. Press the switch again to turn off and unlock the left rear window.

3 Right rear window lock

Touch the switch to turn on and lock the right rear window. Press the switch again to turn off and unlock the right rear window.

4 Trunk lid button

Touch to open/close the trunk lid.

5 Rearview mirror adjustment

Touch to enter the rearview mirror adjustment interface

- Rearview mirror adjustment: Use the directional buttons on the steering wheel to adjust the corresponding rearview mirror. (See P. 192)
- Auto folding after locking the vehicle: Set the ON/OFF of auto folding after locking the vehicle.
- Auto tilt-down/return during reversing: Set the ON/OFF of auto tilt-down/return during reversing.

6 Head-up display adjustment

- Head-up display: Set the ON/OFF of head-up display.
- Head-up display view: Three views (minimalism, map, AR) can be set.
- Parameter adjustment: Use the right buttons on the steering wheel to adjust the HUD. (See P. 193)
- Snow mode: Set the ON/OFF of snow mode.
- Reverse image projection screen: Set the ON/OFF of reverse image projection screen.

7 Custom button

Set the "Menu button" and "*" button on multi-functional steering wheel to adjust the rearview mirror, switch media audio sources, switch driving mode or turn on the AVM, etc.

8 Driver's seat preference

Set the driver's seat to preference 1, preference 2 or preference 3.

9 Front passenger's seat preference

Set the front passenger's seat to preference 1, preference 2 or preference 3.

10 All vehicle windows

Set all vehicle windows to fully open, fully close or vent.

11 Proximity unlocking

Set the ON/OFF of proximity unlocking function.

12 Walk-away locking

Set the ON/OFF of walk-away locking function.

13 Single-door unlocking

Set the ON/OFF of single-door unlocking.

14 Auto window closing after locking the vehicle

Set the ON/OFF of auto window closing function after locking the vehicle.

15 Auto window closing on rainy days

Set the ON/OFF of auto window closing function on rainy days.

16 Driver's seat welcome

Set the ON/OFF of driver's seat welcome function.

17 Front passenger's seat welcome

Set the ON/OFF of front passenger's seat welcome function.

18 Smart welcome/farewell

Set the ON/OFF of smart welcome/farewell function.

- On-board welcome message: Set the smart on-board welcome message to off, smart recommendation or custom after enabling the smart welcome/farewell.

19 Wiper service mode

Set the ON/OFF of wiper service mode.

When the wiper service mode function is turned on, place the wiper in the service position if conditions allow.

20 Movement reminder

Set the ON/OFF of movement reminder.

When the function is turned on, if the vehicle is moved in locked status, the owner will be notified through the Hongqi Zhilian APP.

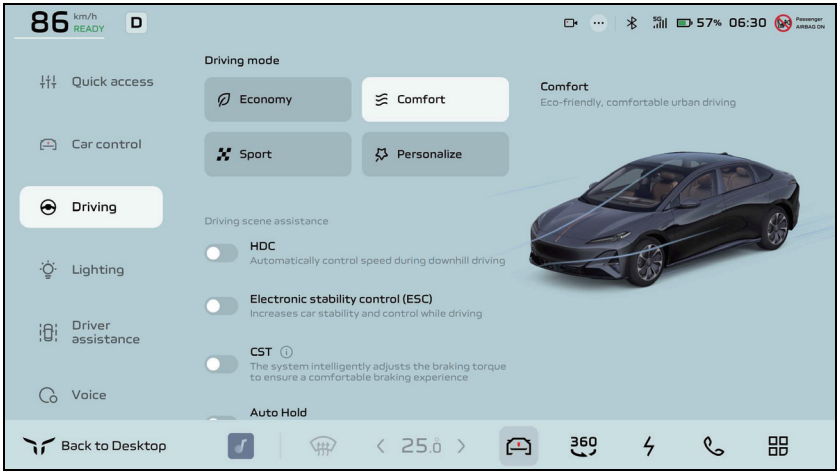
21 Auto power-off

Set the ON/OFF of auto power-off.

22 Vehicle power-off

Touch to switch the vehicle power supply to OFF mode.

Driving setting



1 Driving mode

Four driving modes (economic, comfort, sport, personalization) can be set; At the same time, the driving characteristics of personalization mode can be set.

2 Electronic Stability Control (ESC)

Set the ON/OFF of ESC.

3 Comfort Stop (CST)

Set the ON/OFF of CST.

4 AUTO HOLD

Set the ON/OFF of AUTO HOLD.

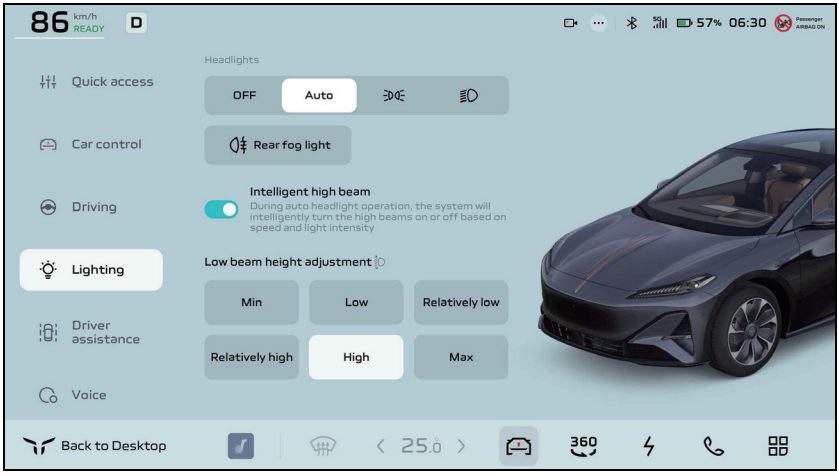
5 Auto EPB on power-off

Set the ON/OFF of auto EPB on power-off.

6 EPB

Depress the brake pedal and touch the EPB button to apply the EPB. Touch the switch again to turn it off and release the EPB.

Lighting setting



1 Headlamp

Headlamp switch can be switched. (See P. 214)

2 Rear fog lamp

Touch to turn on/off rear fog lamp.

3 Intelligent high beam lamp

Set the ON/OFF of intelligent high beam lamp.

4 Low beam lamp height adjustment

Adjust the low beam lamp height manually.

5 Cabin lighting upon door opening

Set the ON/OFF of cabin lighting upon door opening.

6 Approach lighting/follow me home

Set the ON/OFF and illumination duration of approach lighting/ follow me home.

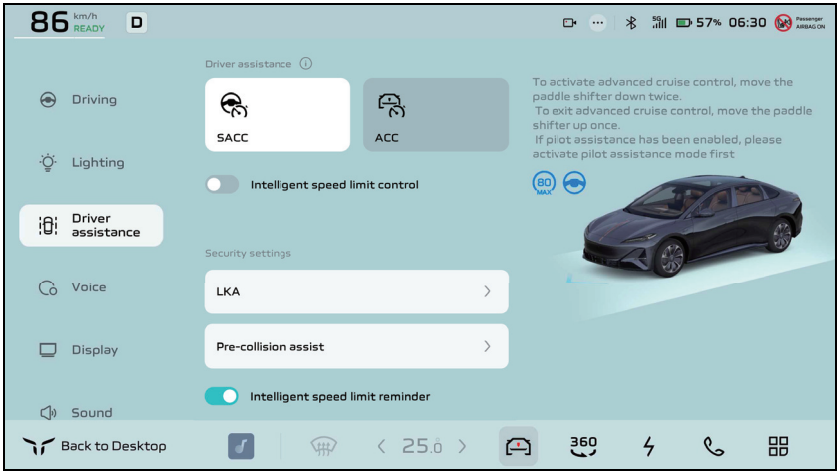
7 Reading lamp

Set all the reading lamps to on or off.

8 Ambient lamp

Set the ON/OFF of ambient lamp.

Driver assistance setting



1 Driver assistance

Set the cruise mode to SACC or ACC.

2 Intelligent speed limit control

Set the ON/OFF of intelligent speed limit control during cruising.

3 LKA

- LKA: Set the ON/OFF of LKA.

  LKA mode: Set the lane department warning mode to alarm, correction or warning + correction.

  LKA alarm tone: Set the ON/OFF of LKA alarm tone.

  Sensitivity: Set the alarm trigger sensitivity to low or high.

- Emergency lane keeping assist*: Set the ON/OFF of emergency lane keeping assist.

4 Pre-collision assistance

- Forward collision warning: Set the ON/OFF of forward collision warning.

  Mode: Set the alarm mode to warning (FCW) or warning + braking (AEB).

  Forward collision warning timing: Set the alarm trigger timing to early, medium or late.

- Rear collision warning: Set the ON/OFF of the rear collision warning.

- Blind spot safety warning: Set the ON/OFF of blind spot safety warning.
- Door opening safety warning: Set the ON/OFF of door opening safety warning.

5 Intelligent speed limit reminder

Set the ON/OFF of intelligent speed limit reminder.

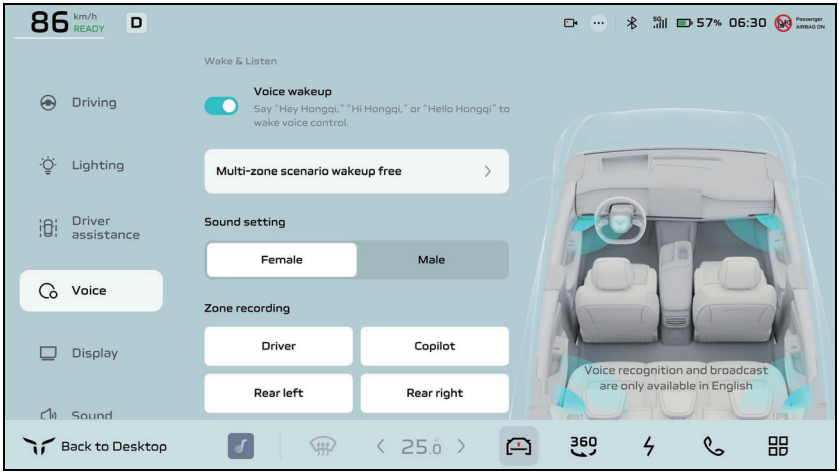
6 Intelligent speed limit reminder adjustment

- Speed limit information switching prompt tone: Set the ON/OFF of speed limit information switching prompt tone.
- Overspeed alarm: Set the overspeed alarm to off, visual only or visual + audible.

7 Driver fatigue monitoring

Set the ON/OFF of driver fatigue monitoring.

Voice setting



1 Voice wake-up

Set the ON/OFF of voice wake-up.

- Multi-zone scenario wake-up free: Select wake-up free for global command, media control and navigation control.

2 Sound setting

Select sound as either female or male.

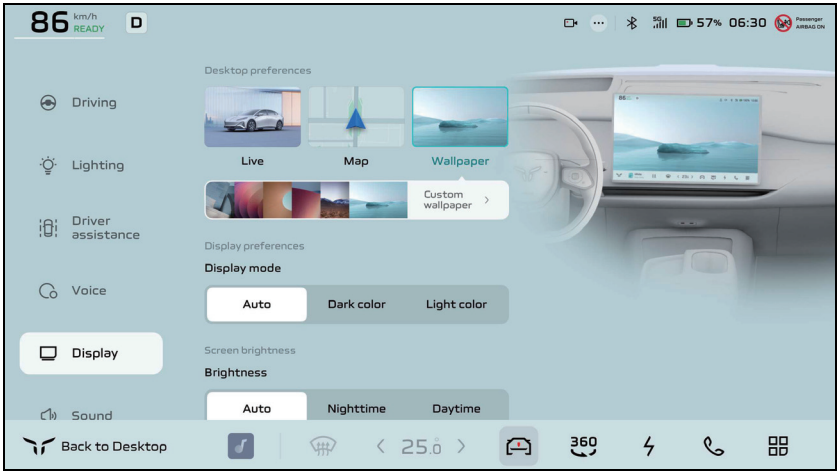
3 Zone recording

Select the recording for different cabin positions.

4 Delayed listening

Set the delayed listening time.

Display setting



1 Desktop preferences

Three preferences can be set: Live, map and wallpaper.

- Desktop mapping real-time weather: Set the ON/OFF of desktop mapping real-time weather in live preference.

2 Display mode

Three display modes can be set: Auto, dark color and light color.

In auto mode, dark mode and light mode are automatically switched according to the sunrise and sunset time of the local longitude and latitude.

3 Brightness

Three brightness levels can be set: Auto, night and day.

- Central control screen: The brightness of central control screen can be adjusted.
- Button backlight: Backlight brightness of button can be adjusted.

4 Language setting

System language can be switched.

5 Time zone setting

System time zone can be switched.

6 Time

Set the time mode to 12h format or 24h format.

Sound setting



1 Dynaudio sound field focus* (vehicles with 12 speakers)

Six modes can be set: Whole vehicle, driver, front passenger, rear row, surround or custom.

Sound effect mode* (vehicles with 8 speakers)

Five modes can be set: Whole vehicle, driver, rear row, surround or custom.

2 Dynaudio sound features* (vehicles with 12 speakers)

Five modes can be set: Original, dynamic, soft, speech or custom.

Timbre adjustment* (vehicles with 8 speakers)

Five modes can be set: Original, dynamic, soft, speech or custom.

3 Volume

The volume for media, navigation, voice, phone calls, ringtone, radar and other functions can be adjusted.

4 Volume compensation with vehicle speed

Set the ON/OFF of volume compensation with vehicle speed.

■ Adjustment level can be set to weak, medium or strong.

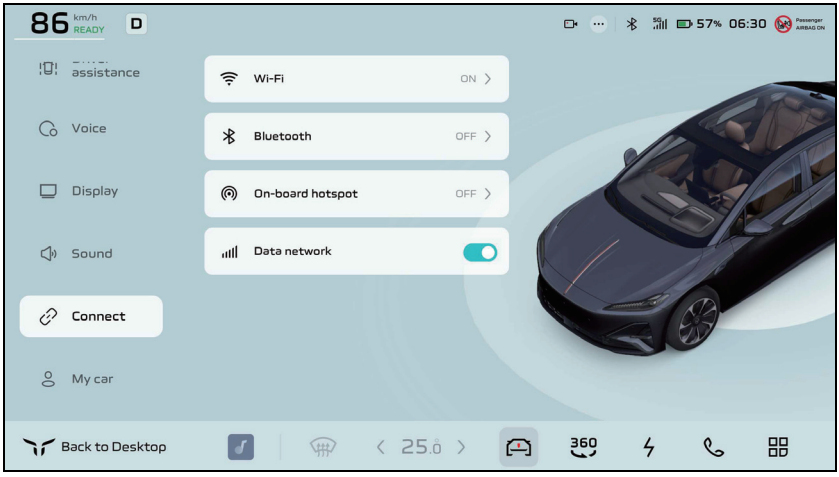
5 Button sound effect

Set the ON/OFF of screen key tone.

6 Alarm tone

Alarm tone can be set to low, medium or high.

Connection setting



1 Wi-Fi network

Wi-Fi network can be turned on or off. When Wi-Fi network is turned on, both connected and available networks can be viewed and connected.

2 Bluetooth

Bluetooth can be turned on or off. When Bluetooth is turned on, both saved and available devices can be viewed and connected.

3 Vehicle hotspot

Vehicle hotspot can be turned on or off. When vehicle hotspot is turned on, the currently connected devices can be viewed, and the hotspot password can be set at the same time.

4 Data network

The mobile network data can be turned on/off, and the network operator can be switched.

My vehicle



1 Version number

Updates can be checked and the system can be upgraded.

■ Nighttime auto update: Set the ON/OFF of nighttime auto update.

2 Tire pressure

View the current tire pressure for each wheel.

3 Vehicle name

The vehicle name can be set.

4 About the system

View the software version number and VIN.

5 Privacy and permission

The application permission in the in-vehicle infotainment system can be set.

6 Privacy policy

View the privacy policy.

7 User service agreement

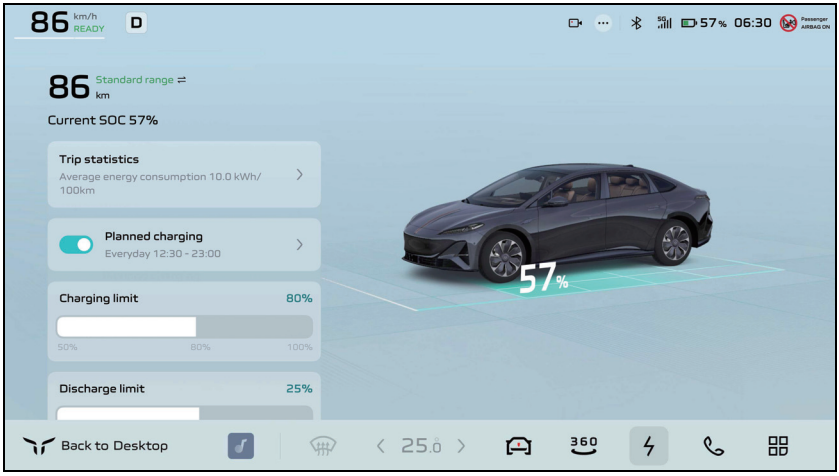
View the user service agreement.

8 Factory reset

System can be restored to factory setting.

Energy center

On the main menu interface, touch ϟ button to enter energy center interface.



1 Battery

View the current battery level and driving range.

2 Trip statistics

View the cumulative mileage, mileage after starting, mileage after charging and trip mileage, etc.

3 Scheduled charging

Scheduled charging function can be turned on/off, and the start and end time for scheduled charging can be set.

4 Charging limit

The charging limit range can be set between 50% - 100%, and the setting interval is 5%.

5 Discharging limit

The discharging limit range can be set between 5% - 40%, and the setting interval is 5%.

6 Heat preservation while inserting gun

Set the ON/OFF and duration of heat preservation while inserting gun.

7 Preheating during driving

Set the ON/OFF of preheating during driving.

8 Help center

System help can be viewed.

Set the desktop preference to map in display setting or select the map function in extended application to enter the navigation function interface.

Navigation map interface

Map mode interface



1 Destination

Touch to search for the destination.

2 Quick navigation

Quickly navigate to home, company, favorites, or charging stations.

3 Setting

Touch to enter the setting interface to set the navigation function.

4 Sound switch

Set the ON/OFF of navigation broadcast sound.

5 Map mode

Switch between three map modes: 2D head up, 3D head up and 2D north up.

6 Current position

Display the current position of the vehicle.

7 Scale

Display the current map scale size.

■ **Navigation mode interface**



1 Turning arrow

Display the direction of travel at the next intersection.

2 Distance to the next intersection and road name

Display the remaining distance to the next intersection and the road name.

3 Remaining mileage and time

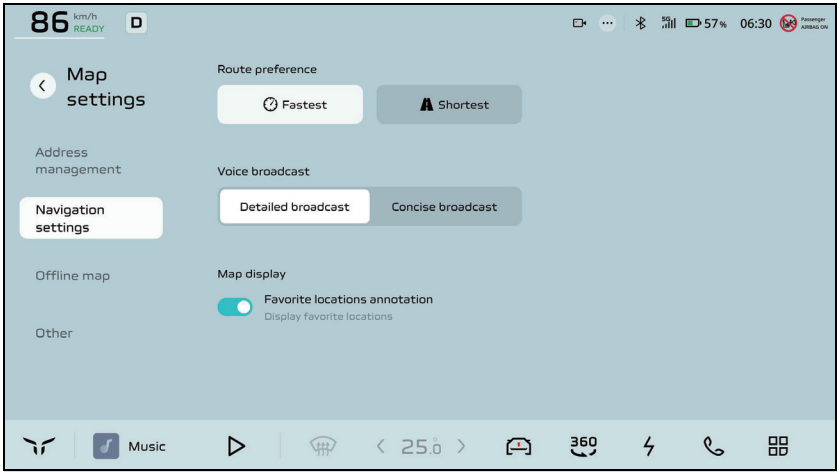
Display the remaining mileage, time to the destination and estimated arrival time.

4 Current position

Display the current position of the vehicle.

Navigation setting

Touch ⚙ on the navigation interface to enter the setting interface.



1 Address management

Add home address, company address, or add frequently used addresses.

2 Navigation setting

Set the functions such as route preference, voice broadcast and map display in the navigation process.

3 Offline map

Download or update offline map packages all over the country.

4 Others

Clean up the cache and restore the default settings.

⚠ WARNING

■ **During driving**

- When navigating a route through the navigation system, please drive according to the actual traffic rules. Navigating according to path of navigation system may violate traffic rules sometimes, resulting in a traffic accident.
- During driving, driver should not perform operations such as address search, etc. Please operate after stopping the vehicle. Failure to observe the conditions ahead may lead to a traffic accident.

⚠ CAUTION

■ **At present, all on-board navigation systems have certain limitations. Satellite conditions, road structure, vehicle conditions and other factors may affect the accuracy of vehicle positioning, which will affect the normal function of system. If you have any questions, please contact the authorized FAW Hongqi dealer.**

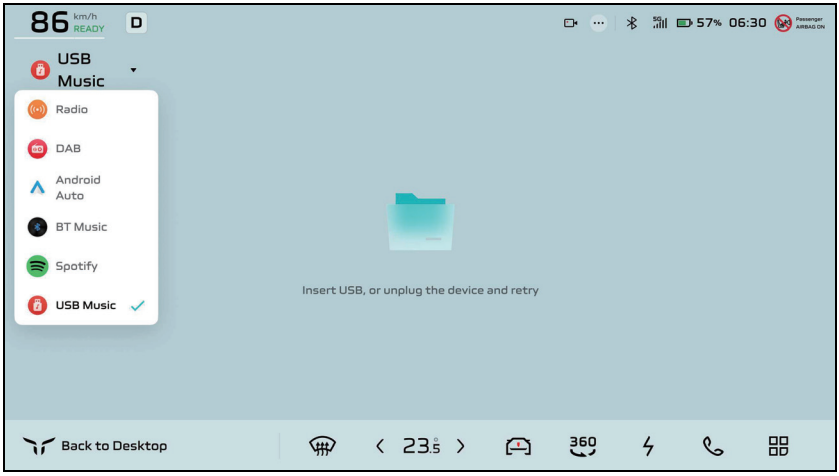
■ **Network connection quality**

The network connection quality will vary due to the constant change of antenna position, the difference in signal strength, and the influence of nearby objects (such as trains and transmitting stations), which make it difficult to maintain perfect reception quality.

■ **Due to the continuous updating of navigation version, the actual operation interface may be different from the illustration. Please refer to the latest version.**

■ **For owners of Hongqi EH5 vehicle, it is easy to verify map version information on the central control screen. These data updates will be provided free of charge to the owner. If the data is based on the map, it is updated at least once a year for seven years from the vehicle's manufacture date (excluding costs related to public storage media, personal computer and operating system, private or mobile Internet fees, travel costs for authorized dealers, repairers, distributors or independent repairers). Subsequent updates may be subject to a reasonable fee. Map information can be updated online. As specified in Article 3.4.2.5.5.2 of Regulation (EU) 2021/1958.**

Touch the entertainment area at the bottom of multimedia display (see P. 156) to enter the entertainment function interface.



1 Radio

Play and search for radio.

2 DAB

Play and search for DAB radio.

3 Android Auto

View and play Android Auto music.

3 Bluetooth music

View and play Bluetooth music.

4 Spotify

View and play Spotify music.

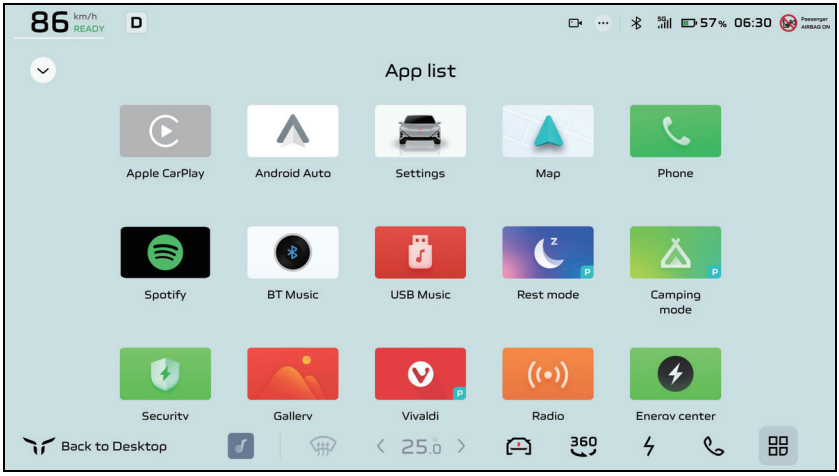
5 USB music

View and play USB music.

■ **Antenna**

The radio antenna is printed on the rear windshield.

On the main menu interface, touch button to enter the extended application function interface.



1 Apple CarPlay

When connecting Apple Carplay function, it connects mobile phone with in-vehicle infotainment system, projecting some functions from mobile phone to the vehicle for use.

2 Android Auto

When connecting Android Auto function, it connects mobile phone with in-vehicle infotainment system, projecting some functions from mobile phone to the vehicle for use.

3 Vehicle setting

Enter the vehicle setting interface center.

4 Map

Map navigation can be turned on.

5 Phone

On-board Bluetooth phone can be used after connecting to Bluetooth.

6 Spotify

View and play Spotify music.

7 Bluetooth music

View and play Bluetooth music.

8 USB music

View and play USB music.

9 Rest mode

Set the shift lever to P position, touch to enter the rest mode.

10 Camping mode

Set the shift lever to P position, touch to enter the camping mode.

11 Security

The system can be cleaned up, and privacy permissions and applications can be managed.

12 Gallery

View and manage images and videos stored locally or on a USB device.

13 AVM

Turn on the AVM system.

14 Game screen projection

Connect the Switch to the vehicle to project the Switch screen onto the multimedia display.

15 Vivaldi Browser

Set the shift lever to P position, the browser function can be used.

16 Energy center

View and operate information such as battery level and scheduled charging.

17 Radio

View and play radio.

18 DAB

Play and search for DAB radio.

The hands-free system has the function of operating the phone without touching the mobile phone.

This system support Bluetooth® mobile phones. Bluetooth® is a wireless data system that establishes wireless connection between the mobile phone and the hands-free system. You can use the buttons on the steering wheel to answer/hang up the phone. (See P. 193)

- If the volume of reception is too high, you may hear an echo.
- Try to face the microphone when speaking.
- Under the following circumstances, it may be difficult for the other party to hear the sound:
  - Phone signal is poor.
  - Drive on an unpaved road.
  - Drive at high speed.
  - Window is open.
  - The A/C outlet is facing the microphone.
  - The air volume of A/C blower is too high.

■ **The system will be inoperative under the following conditions:**

- The used phone does not support Bluetooth®.
- The mobile phone is turned off or in flight mode.
- The current location is outside the service area.
- The mobile phone is not connected.
- The mobile phone battery is low.

■ **Bluetooth® antenna**

If a mobile phone is placed in the storage box, or in contact with or covered by metal materials, its connection state may deteriorate.

■ **Battery level/signal status**

This display may not be exactly consistent with that of mobile phones.

About Bluetooth®



Bluetooth® is the trademark of Bluetooth SIG, Inc.

Compatible type

The Bluetooth hands-free system is only compatible with Bluetooth certified (SIG) phones sold through regular channels and of mainstream brands.

CAUTION

When getting off the vehicle

Do not leave items such as mobile phones in the vehicle. The temperature inside the vehicle may rise, causing damage to mobile phones.

Voice recognition

Users can realize the voice control of the system through the voice recognition.

The control functions mainly include: Entertainment, Bluetooth phone, navigation, A/C control and window control etc.

Voice recognition trigger

Method 1: Press button on the steering wheel to trigger the voice recognition system.

Method 2: Say the wake-up password to trigger the voice recognition system.

The ON/OFF of wake up the voice recognition by wake-up words can be set in the voice setting of in-vehicle infotainment system. (See P. 170)

Method 3: Say the voice command directly to trigger the voice recognition system and execute the voice command.

The ON/OFF of wake-up free can be set in the voice setting of in-vehicle infotainment system.(See P. 170)

Voice recognition exit

Method 1: Exit voice recognition after meeting the voice listening delay time set in the vehicle settings.

Method 2: The system will exit the voice recognition after touching button on the steering wheel.

Method 3: Say the exit command to exit the voice recognition.

Voice setting

In setting function interface, select voice setting to set the voice recognition. (See P. 170)

CAUTION

- **The voice recognition results are for reference only.**
- **Please use standard and clear English, and do not activate the voice recognition when the environment is noisy, so as to avoid incorrect recognition results.**
- **Try to avoid using the voice recognition while driving. If voice recognition is used in such case, please pay attention to the road conditions to prevent danger.**
- **The functions included in voice setting may update with the system version.**

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Depending on vehicle configurations, the specific displayed information will vary.

1 Speedometer
Display the vehicle speed.

2 Gear display area
Display the current gear position of vehicle.

3 Prompt/alarm icon display area
Display information regarding vehicle indicator lamps and warning lamps.

4 Battery level display area
Display the current battery level.

5 Driving range display area
Touch to switch between battery level display and the estimated driving range based on current battery level.

6 Time display area
Display the clock information.

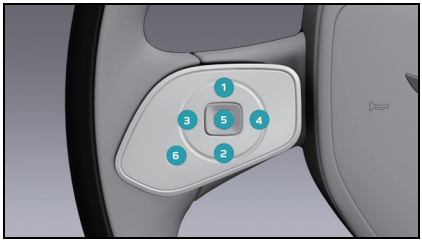
Buttons on steering wheel



Use buttons on steering wheel to operate and set functions such as A/C, exterior rearview mirror, HUD and media volume, etc.

Default state

Buttons on the left of steering wheel



1 Increase driver side A/C temperature

2 Decrease driver side A/C temperature

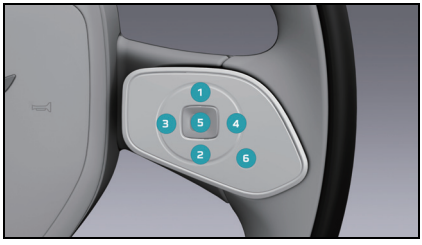
3 Decrease driver side A/C air volume

4 Increase driver side A/C air volume

5 Custom button 1 (AVM as default)

6 Custom button 2 (Switch driving mode as default)

Buttons on the right of steering wheel



1 Volume increasing button

2 Volume decreasing button

3 Previous track button

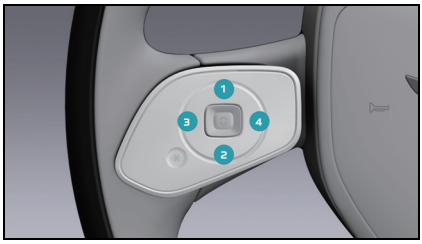
4 Next track button

5 Mute/unmute button

6 Voice recognition button

Cruise control mode

When cruise control is activated, cruise speed and following distance can be adjusted using buttons on the steering wheel.



1 Increasing cruise speed button

2 Decreasing cruise speed button

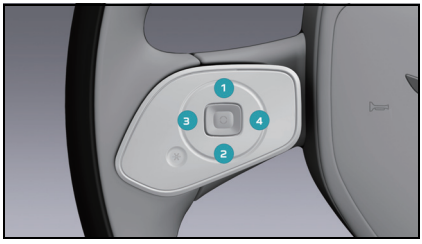
3 Decreasing following distance button

4 Increasing following distance button

Exterior rearview mirror adjustment

Rearview mirror adjustment can be set in vehicle control interface of in-vehicle infotainment system. (See P. 164)

Buttons on the left of steering wheel



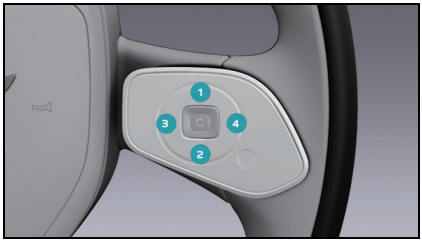
1 Adjust left exterior rearview mirror upward

2 Adjust left exterior rearview mirror downward

3 Adjust left exterior rearview mirror to left

4 Adjust left exterior rearview mirror to right

Buttons on the right of steering wheel



1 Adjust right exterior rearview mirror upward

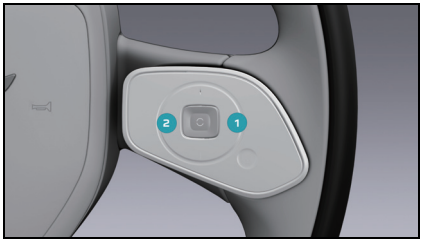
2 Adjust right exterior rearview mirror downward

3 Adjust right exterior rearview mirror to left

4 Adjust right exterior rearview mirror to right

Call control

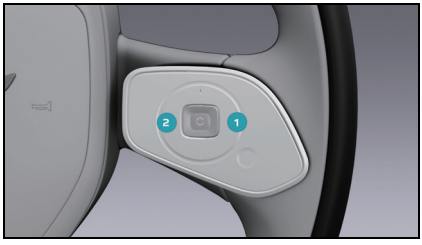
When receiving an incoming call



1 Answer the current incoming call

2 Reject the current incoming call

When receiving a third-party call

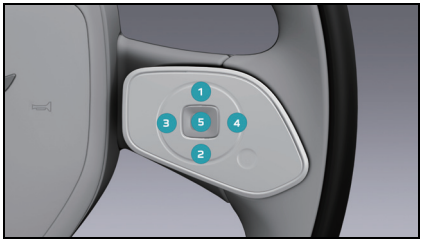


1 Answer the current incoming call, and hold the ongoing call

2 Reject the current incoming call, and continue the ongoing call

HUD adjustment

The head-up display can be set in the vehicle control interface of in-vehicle infotainment system. (See P. 164)



1 Increase parameter

2 Decrease parameter

3 Previous parameter

4 Next parameter

5 Save

⚠ WARNING

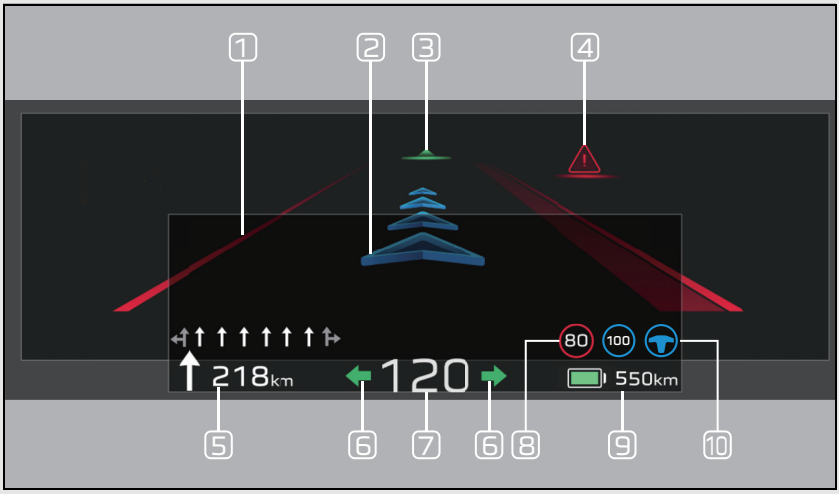
■ **During driving**

During operation of buttons on steering wheel, extra care must be taken to avoid accidents.

Head up display*

The head up display is linked with in-vehicle infotainment system, projecting driving information, navigation and driver assistance information onto the front windshield in front of the driver.

Different display views can be selected in each setting interface: AR mode displays vehicle information comprehensively, and this section only uses AR mode as an example.



1 Lane Departure Warning (LDW)

2 AR navigation turning arrow

3 Adaptive Cruise Control (ACC) following target

4 Front Collision Warning (FCW) first level warning sign (yellow for first level, red for second level)

5 Lane information for the upcoming intersection

6 Turn signal indicator lamp

7 Vehicle speed information

8 Road speed limit sign

9 Driving range display

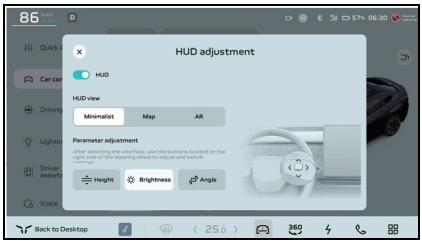
10 ACC/SACC system working indicator lamp

Usage of head up display

■ ON/OFF of head up display

The ON/OFF of head-up display can be set in the vehicle control interface of in-vehicle infotainment system. (See P. 164)

■ Head up display setting



The combination button on the right side of the multi-functional steering wheel can be used together with the virtual image of the head up display to set the height, brightness and tilt angle of the head up display in the vehicle control interface of in-vehicle infotainment system. (See P. 193)

⚠ WARNING

■ Before using head up display

Check that the position and brightness of the virtual image on the head up display do not interfere with safe driving. Incorrect adjustment of the position or brightness of the virtual image can interfere with the driver's view and cause an accident, resulting in serious injury or even death.

■ During driving

During driving, do not continue staring at the head up display, otherwise you may not be able to see pedestrians and objects on the road in front of the vehicle.

CAUTION

■ **Prevent damage to components**

- Do not place any liquid near the head up display projector. If the projector becomes wet, it may cause electrical failure.
- Do not place any items or stickers on the head up display projector. Otherwise, this may interrupt the display.
- Do not touch the head up display projector or throw objects with sharp edges at the projector. Otherwise, it may cause mechanical failure.

■ **High temperature protection**

- When the temperature of the head up display projector is too high due to prolonged use of the head up display in direct sunlight, the system will automatically turn off for protection.

The following driving specifications must be observed to ensure safe driving.

■ Driving

Step 1 Sit in the driver seat and firmly depress the brake pedal.

Step 2 Switch the shift lever to D position.

The "READY" indicator lamp on multimedia display comes on.

Step 3 Gradually release the brake pedal and gently depress the accelerator pedal to accelerate the vehicle.

■ Stop

Step 1 When the shift lever is set to D position, depress the brake pedal.

Step 2 If necessary, apply the EPB.

For long-term parking, be sure to set the shift lever to P or N position.

■ Parking

Step 1 When the shift lever is set to D position, depress the brake pedal.

Step 2 Press the P position button and set the shift lever to P position, to apply the EPB automatically.

Step 3 After exiting the vehicle with the key, use the key to lock the vehicle (the vehicle will automatically power off).

Starting on a steep slope

Step 1 The driver fastens the seat belt, closes the doors, firmly depresses the brake pedal and sets the shift lever to D position.

Make sure the gear indicator lamp shows D.

Step 2 Manually apply the EPB.

Step 3 Release the brake pedal and gently depress the accelerator pedal.

■ **During starting on an uphill slope**

The Hill Hold Control (HHC) activates automatically to prevent the vehicle from slipping. (See P. 267)

■ **Emergency Stop Signal (ESS)**

When a certain speed is reached, if emergency braking is applied, the brake lamp flashes quickly to remind the following vehicle until the brake pedal is released.

■ **Active air intake grille**

The vehicle is equipped with an active air intake grille, which can automatically adjust its opening and closing according to the coolant temperature and A/C status and other working conditions of vehicle, in order to optimize heat dissipation efficiency, aerodynamic performance and energy consumption, etc.

■ **Driving in the rain**

- When it rains, as visibility is reduced, windows fog up easily and the road is slippery, so drive with caution.
- When it rains, do not drive at a high speed because a water film will form between tires and road surface, hindering the normal operation of steering and braking.

■ **Overspeed alarm***

The overspeed alarm function will be activated when driving vehicle at a speed of more than 120 km/h . Please slow down at this time.

■ **Breaking in new vehicle**

To extend the life of the vehicle, it is recommended that you observe the following precautions:

- Within the first 1,000 km:
  - Do not perform emergency stop.
  - Do not drive at a very high speed.
  - Do not accelerate suddenly.
  - Do not drive at a consistently low speed.
  - Do not drive at a constant speed for a long time.

■ **Driving abroad**

Please comply with the laws and regulations of the corresponding country or region.

⚠ WARNING

■ When starting vehicle

When the vehicle is in "READY" state and stopped, always depress the brake pedal with one foot. This will prevent the vehicle from moving unexpectedly.

■ Precautions when driving

- If you are not familiar with the position of brake pedal and accelerator pedal, do not drive to avoid depressing the wrong pedal.
  - If the accelerator pedal is accidentally depressed when the brake pedal should be depressed, sudden acceleration will be caused, which may lead to serious accidents.
  - Although the vehicle is equipped with reverse image system and parking radar system, please drive carefully during reversing.
  - During reversing, you may twist your body around, leading to a difficulty in operating the pedal. Make sure to operate the pedal correctly.
  - Even if move the vehicle slightly, you should keep the correct driving posture, so that you can depress the brake pedal and accelerator pedal accurately.
  - Depress the brake pedal with your right foot. Depressing the brake pedal with the left foot in an emergency may lead to delayed response, resulting in an accident.
- Do not drive over flammables or park near them.
  If there is any flammable material nearby, it may cause a fire.
- Do not move the vehicle backward when the shift lever is set to D or P position, or forward when the shift lever is set to R or P position; otherwise, it may cause accidents or damage the vehicle.
- Do not touch the one-button power off button during driving.
  If the vehicle power supply is set to OFF mode, the brake booster, etc. will not work normally.
- When going down a steep slope, be sure to slow down.
  Note that continuous application of the brake may cause brake overheating and failure.
- When the vehicle is parked on an inclined road, please make sure the slope is suitable for the EPB function, otherwise, please depress the brake pedal and apply the EPB to prevent the vehicle from moving forward or backward and causing an accident.

⚠ WARNING

- Do not adjust the position of steering wheel, seat, interior or exterior rearview mirror during driving. Otherwise, it may cause accidents.
- Be sure to check that all occupants' arms, heads or other body parts are not sticked out of the vehicle; otherwise, serious personal injury may be caused.

■ When driving on a slippery road

- Emergency braking, acceleration and turns may cause wheel slippage and reduce the maneuverability of the vehicle, causing accidents.
- After passing through a puddle, gently depress the brake pedal to ensure normal brake function. Wet brake linings may impede normal braking. Even if only brake lining on one side gets wet, it can affect vehicle control.

■ When operating the shift lever

Be careful not to shift gears when depressing the accelerator pedal. Otherwise, the vehicle may be accelerated suddenly, thus causing accidents.

■ When the vehicle stops

- Do not leave the vehicle in "READY" state.
  If the shift lever is in a position other than P or N, the vehicle may accelerate suddenly, thus causing accidents.
- When the vehicle is in "READY" state, always depress the brake pedal and apply the parking brake when necessary to prevent accidents caused by the movement of the vehicle.
- If the vehicle is parked on a slope, to prevent an accident caused by the vehicle’s movement forward or backward, be sure to depress the brake pedal and apply the parking brake firmly as necessary.

⚠ WARNING

■ After the vehicle is parked

- Do not leave spectacles, lighters, sprayers or soft drink cans in the vehicle at a high temperature place; otherwise, the following unexpected circumstances may occur.
  - Gas leaks from lighters or sprayers, causing fires.
  - The interior temperature may deform or rupture the lenses and other plastic parts of spectacles.
  - A soft drink can may rupture, causing the beverage to spill onto interior trims of vehicle, and potentially causing a short circuit in electrical components of the vehicle.
- Be sure to apply the EPB, set the shift lever to P position, set vehicle power supply to OFF mode and lock the vehicle.
- Do not leave the vehicle when it is in "READY" state.
- When the vehicle power supply is turned on or just after it is turned off, do not touch the high-voltage parts in the front compartment, otherwise it may cause electric shock or burns.

■ While napping in the vehicle

Be sure to set vehicle power supply to OFF mode. Otherwise, you may accidentally move the shift lever or depress the accelerator pedal, causing an accident.

■ When applying the brake

- Drive carefully when the brake is wet.
  When the brake is wet, the braking distance will increase, the braking effects on both sides of the vehicle may be different, and the parking brake may not hold the vehicle still.
- If the brake assist function is abnormal, do not follow other vehicles at close range, and avoid going down long slopes or sharp turns.
  In this case, a greater force than usual is required to depress the brake pedal, and the braking distance may also increase.

⚠ CAUTION

When the "READY" indicator lamp is off

- If the "READY" indicator lamp remains off after the correct start procedures of vehicle are performed, please contact the authorized FAW Hongqi dealer immediately.

During driving

Do not use the accelerator pedal or depress the accelerator pedal and brake pedal at the same time to park on a slope.

When parking

For long-term parking, be sure to apply the EPB and set the shift lever to P position. Otherwise, it may cause the vehicle to move, or suddenly accelerate when the accelerator pedal is accidentally depressed.

Driving performance

- When the ambient temperature is too high or too low, the vehicle can start and drive normally, but the performance of the vehicle may be reduced.
- For new vehicles with the power battery in normal status, the driving range may fluctuate because of the driving habits (e.g., frequent acceleration and deceleration), road conditions (e.g., going up a long slope), ambient temperature (e.g., low temperature) and the turning on/off of the electrical equipment (e.g., A/C).

Avoid damaging vehicle parts

- Do not turn the steering wheel to the limit in either direction and keep it for a long time; otherwise, the power steering system will be damaged.
- During driving on a bumpy road, try to drive at a low speed to avoid damaging the wheels and bottom of the vehicle.

In case of flat tire during driving

Tire leakage or damage may cause the following conditions. Please hold the steering wheel firmly and slowly depress the brake pedal to reduce the speed of the vehicle:

- It may be difficult to control the vehicle.
- The vehicle will make abnormal sounds.
- The vehicle runs abnormally.

If tire goes flat or is damaged during driving, please hold the steering wheel firmly and slowly depress the brake pedal to reduce the vehicle speed. After stopping the vehicle safely, turn on the hazard warning lamp, place the warning triangle at an appropriate distance behind the vehicle (at least 150 m on the highway, 50-100 m on regular roads). Please contact an authorized FAW Hongqi dealer after all occupants have moved to a safe area.

⚠ CAUTION

■ In case of water-logged road

Do not drive on a road with deep water; otherwise, the vehicle may suffer from the following serious damage.

- The electrical components are short-circuited.
- The power system is damaged due to water immersion.

If water enters the vehicle after driving on a water-logged road, contact an authorized FAW Hongqi dealer as soon as possible to check the following items.

- Check whether the brake functions normally.
- Whether the level and the quality of the reducer oil have changed.
- The lubrication condition at the connections (possible parts) between the bearing and the suspension, and whether the functions of all connections, bearings, etc. are normal.

Vehicle power supply mode

When carrying the smart key or placing smart card key at the wireless charging area, the vehicle power supply mode can be switched.

■ Switching vehicle power supply mode (vehicle power on/off)

▶ OFF mode

Method 1: In ON/ACC mode, lock the vehicle to switch power supply mode to OFF mode.

Method 2: Touch vehicle power off button in the shortcut setting or vehicle control settings of in-vehicle infotainment system to switch power supply mode to OFF mode. (See P. 165)

Hazard warning lamp can be used in OFF mode.

▶ ACC mode

In OFF mode, open the door to switch power supply mode to ACC mode.

In ACC mode, some electrical components (e.g. in-vehicle infotainment system) can be used.

▶ ON mode

In OFF/ACC mode, depress the brake pedal to switch power supply mode to ON mode.

In ON mode, all electrical components can be used.

■ **Auto vehicle power off**

If the button on steering wheel, multimedia display etc. are not operated within about 1 hour after parking, the vehicle will automatically power off. The ON/OFF of auto power-off can be set in the vehicle control settings of the in-vehicle infotainment system. (See P. 165)

■ **If the vehicle cannot be started**

The vehicle anti-theft system may not be deactivated yet. (See P. 62)

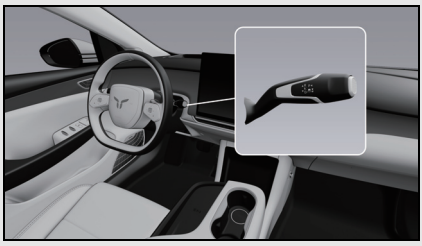
CAUTION

■ **Preventing a low 12 V battery**

- When leaving the vehicle, the driver should lock the vehicle and carry the key. Do not leave the key in the vehicle to prevent the PEPS from continuous operation, leading to low battery.

Gearshift control

Choose a gear suitable for driving conditions.



Gently operate the shift lever and make sure that the gearshifting is correct.
After each gearshifting, release the shift lever to reset it.

■ Gear shifting

When the vehicle power supply is set to ON mode, you can perform shift operations as follows.

- Switch from P to D: Depress the brake pedal and operate the shift lever downward to the second travel.
- Switch from P to N: Depress the brake pedal, and operate the shift lever upward or downward to the first travel and keep for more than 2 seconds.
- Switch from P to R: Depress the brake pedal without depressing accelerator pedal, and operate the shift lever upward to the second travel.
- Switch from N to D: When the vehicle is stationary, depress the brake pedal, and operate the shift lever downward to the second travel.
- Switch from N to R: When the vehicle is stationary and the accelerator pedal is not depressed, depress the brake pedal and operate the shift lever upward to the second travel.
- Switch from D to N: Operate the shift lever upward to the first travel and keep for more than 2 seconds.
- Switch from D to R: Depress the brake pedal without depressing accelerator pedal until the vehicle is stationary, and operate the shift lever upward to the second travel.

- Switch from R to N: Operate the shift lever downward to the first travel and keep for more than 2 seconds.
- Switch from R to D: Depress the brake pedal until the vehicle is stationary, and operate the shift lever downward to the second travel.
- Switch from N/D/R to P: Depress the brake pedal until the vehicle is stationary, and press the P position button.

When selecting the gear, ensure that the desired gear is displayed on the multimedia display.

■ Gear/function

Gear	Function
P	Parking
R	Reverse
N	Neutral
D	Drive

Gear description

▶ P (Park) position

P position can prevent the wheels from rotating.

⚠ WARNING

■ **First operation of shift lever**

This vehicle adopts electronic shift mechanism, which needs to be operated according to the gear information on the multimedia display and the above gear operation instructions, and cannot be operated by intuition and consciousness to avoid hazards.

▶ R (Reverse) position

When the shift lever is in R position, the vehicle can only move backwards. The vehicle must come to a complete stop before shifting to or out of R gear.

▶ N (Neutral) position

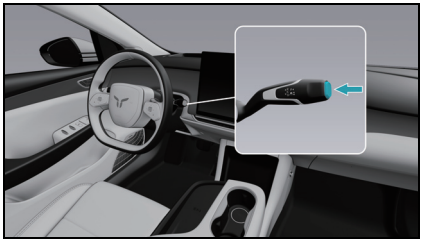
When in N gear, the motor drive system will be in servo state, and the wheels and drivetrain are not locked. During parking on a gentle slope, you should depress the brake pedal or apply the parking brake; otherwise, the vehicle may slide freely.

▶ D (Drive) position

D position is commonly used during driving, which controls the vehicle to move forward.

P position button

■ When shifting to P position



You can shift to P position by using the P position button.

When the vehicle is stationary, press the P position button.

When shifting to P position, the gear information on the multimedia display is displayed as P.

If the vehicle speed is higher than 3 km/h, it will be impossible to shift to P position.

■ When shifting to another position from P position

- Depress the brake pedal firmly, and operate the shift lever. If the shift lever is operated without depressing the brake pedal, the gear shifting is prohibited.
- When changing gears, ensure that the gear information on the multimedia display is displayed as the required gear.

■ **The vehicle will switch to P position automatically under the following conditions**

- When the vehicle power supply is set to OFF mode, the vehicle will automatically switch to P position.
- When the vehicle speed is lower than 3 km/h, if the driver opens the door, the vehicle will switch to P position.
- When the vehicle is charging, it automatically switches to P position, and does not respond to any shift operations by the driver.

Pedestrian warning system

When the driver switched the gear to D or R, and the vehicle speed is 0 - 30 km/h, the pedestrian warning system will emit a warning sound, the sound volume and frequency vary with the vehicle speed.

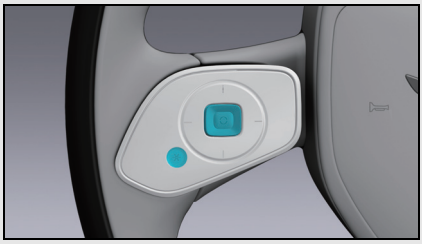
WARNING

During driving on a slippery road

Be careful during sudden acceleration and deceleration; otherwise, it may cause vehicle sideslip or wheel slipping.

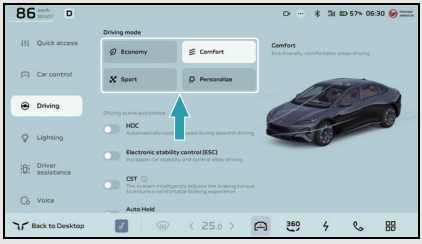
This vehicle is equipped with a driving mode switching system which can provide four different driving modes: Economic, comfort, sport and custom. In different modes, the vehicle has unique driving performance to meet the driving needs of driver.

■ Driving mode selection



Method 1: Custom button of steering wheel

After custom button of steering wheel is set to "Driving mode switching" in the vehicle control interface of in-vehicle infotainment system, touch custom button of steering wheel to switch driving mode. (See P. 166)



Method 2: Multimedia display

Four driving modes (economic, comfort, sport and custom) can be selected through the driving settings interface of the in-vehicle infotainment system.

Economic mode

In economic mode, the vehicle has good endurance and is suitable for common urban pavement.

■ Driving characteristics in economic mode

- Power output is gentle.
- Steering feel is balanced.
- Energy recovery level is high.

Comfort mode

In comfort mode, the vehicle has good comfort and is suitable for common urban pavement.

■ Driving characteristics in comfort mode

- Power output is balanced.
- The steering feel is light.
- Energy recovery level is medium.

Sport mode

In sport mode, the vehicle has good power performance and is suitable for highways or common urban pavement.

■ Driving characteristics in sport mode

- Power output is strong.
- The steering feel is heavy.
- Energy recovery level is low.

Custom mode

To satisfy the individual driving needs, in addition to the above driving modes, the driver can also choose a custom mode.

In custom mode, the user can set power mode, braking, kinetic energy recovery, and steering assist mode, etc.

Driving characteristics in custom mode can be set through the driving settings interface of the in-vehicle infotainment system. (See P. 166)

■ **Setting conditions of driving mode switching**

- Vehicle power supply is set to ON mode.
- This system and related systems have no fault.

■ **Working state of driving mode system**

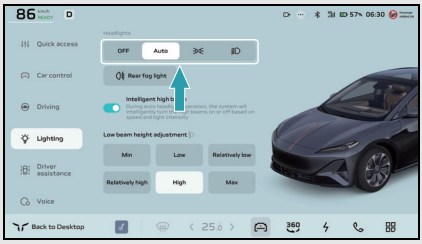
- When selecting the driving mode, the driver can view the current operating condition of the driving mode system through the information displayed on the multimedia display.

CAUTION

■ **Precautions during switch of driving modes**

- To ensure driving safety, switch the driving modes during parking or driving at a low speed on good roads.
- The driving mode switching system has self-protection function. If operating conditions for the corresponding driving mode are not met, activating the driving mode may damage the vehicle and affect the driving safety. When the driver switches the driving mode, failure to switch to the target mode may be caused by the self-protection function of the system, which is normal.
- If the driving mode system still cannot work normally when operating conditions for the driving mode are met, immediately contact an authorized FAW Hongqi dealer to check the vehicle.
- Since the driving mode system cannot replace the driver's judgment on driving environment, the driver must always keep control of the vehicle and take full responsibility for the vehicle.

Headlamp switch



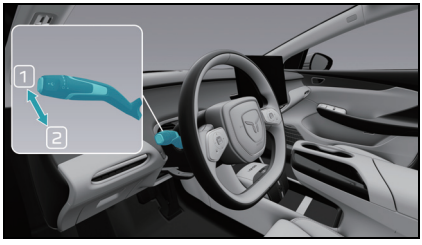
The daytime running lamp, rear position lamp and license plate lamp come on.

The headlamp (low beam), position lamp and license plate lamp come on.

Auto The headlamp (low beam), position lamp and license plate lamp come on and go out automatically.

OFF The daytime running lamp comes on.

Turning on high beam



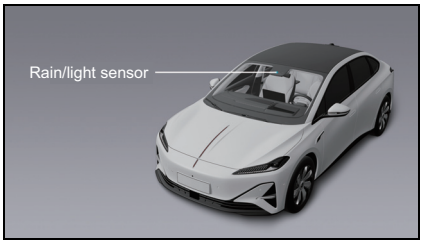
1 When the headlamp (low beam) is turned on, push the lighting control lever forward to turn on the high beam; pull the lever back to its original position to turn off the high beam.

2 Pull the lighting control lever backward to turn on the high beam; release the lighting control lever to turn off the high beam.

■ Daytime running lamp system

During daytime driving, to make your vehicle more visible to other drivers, if vehicle power supply is set to ON mode and the headlamps are off, the daytime running lamps will be turned on automatically.

■ Rain/light sensor



If an object is placed on the sensor or adherent matter on the windshield obscures the sensor, the sensor may work abnormally. The above situations will affect the sensor's detection on ambient light intensity, which may prevent the automatic headlamp and automatic wiper from working properly.

■ Headlamp beam height control

After the headlamps are turned on, the headlamp beam height can be adjusted through the lighting settings interface of in-vehicle infotainment system according to the number of occupants and the vehicle load.



Follow me home

When the vehicle power supply is in ON mode and the low beam is on, the lamp continues to illuminate for a period of time after the vehicle power supply is switched to OFF mode and then automatically goes off. The ON/OFF and duration of getting-off lighting can be set through the lighting settings interface of the in-vehicle infotainment system. (See P. 167)

Approach lighting

Unlock the vehicle when the lamp switch is in the automatic headlamp position. If the automatic headlamp on condition is met at this time, the lamp will be on for a period of time and then go out automatically. The ON/OFF and duration of boarding lighting can be set through the lighting settings interface of the in-vehicle infotainment system. (See P. 167)

Lamp fogging

In the event of rain or vehicle wash, the interior of headlamps, tail lamps and fog lamps may temporarily mist up. This is caused by cold condensation of water vapor on the inner surface of the lens when the temperature inside the lamp is significantly higher than the ambient temperature or when the ambient humidity is high (similar to fogging of window glass), and it will frost when the temperature is too low. This is a normal physical phenomenon that does not affect the function or life of the lamps.

When the lamps fog up, park the vehicle in a dry, ventilated place with suitable temperature, and the water mist or frost will gradually reduce until it disappears; When the vehicle is driving or there is sunlight, the water mist will dissipate faster.

Under normal use in good weather conditions, the fog will dissipate naturally after 7 days or approximately 300 km of driving; Or turn on the lamp (turn on low beam lamp/hazard warning lamp for headlamp fogging, and turn on position lamp for tail lamp fogging), and drive under sufficient ventilation (it is recommended to drive at an average speed of 80 km/h for more than 30 minutes) to clear all or most of the fog. Even if there is small amount of residual fog in corners or seams, it will quickly dissipate with continued vehicle use. If you see a large amount of water or water droplets inside the lamp, please contact an authorized FAW dealer for inspection of the vehicle.

Fog lamp switch

The fog lamps improve visibility under unfavorable driving conditions, such as rainy days or fogging.

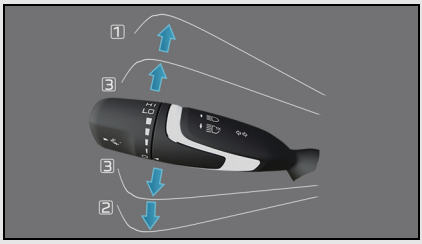


Touch fog lamp switch to turn on the rear fog lamp, touch the switch again to turn off the rear fog lamp.

Operating conditions for fog lamp

Vehicle power supply is set to ON mode and headlamp is turned on. When turning on the fog lamp, the headlamp will also turn on; When turning off the fog lamp, the current lighting state will be maintained.

Turn signal lamp control lever



1 Right turn

2 Left turn

3 Comfort flashing

When the control lever is set to non-self-locking position once, the left/right turn signal lamp will flash three times; when the control lever is set to non-self-locking position continuously, the left/right turn signal lamp will flash continuously until the control lever is released.

■ **Operating conditions for turn signal lamps**

Vehicle power supply is set to ON mode.

■ **Control of turn signal lamp and hazard warning lamp**

When the turn signal lamp is on, if the hazard warning lamp switch is pressed, the left and right turn signal lamps will flash at the same time; if the hazard warning lamp switch is pressed again, the turn signal lamp will return to the working state.

When the hazard warning lamp is on and vehicle power supply is set to ON mode, if the turn signal lamp is turned on, the turn signal lamp will work, and the hazard warning lamp will stop working; if the turn signal lamp is turned off, the hazard warning lamp will return to the working state.

Intelligent high beam control (IHC)

The IHC can automatically turn on and off the high beams according to the judgment of the multifunction camera. When the IHC is turned on, indicator lamp on the multimedia display comes on. When the vehicle speed is higher than 50 km/h, if high beam ON conditions are met, the IHC is activated, and the high beam indicator lamp (blue) on the multimedia display comes on; When the vehicle speed is lower than 30 km/h, the IHC is in standby state and the high beam indicator lamp (blue) on multimedia display goes out.

Enabling/disabling IHC

The IHC can be enabled and disabled through the lighting settings interface of the in-vehicle infotainment system. (See P. 167)

Operating conditions of IHC

Conditions for automatically turning on or off high beams

- The high beams will be automatically turned on when all the following conditions are met:
  - •Headlamp switch is set to AUTO position and low beam lamp comes on.
  - •The high beam switch handle is in the "high beam off" position.
  - •Turn on IHC.
  - •The vehicle speed is higher than about 50 km/h.
  - •The area in front of the vehicle is dark.
  - •There is no vehicle with all headlamps or tail lamps turned on in front.
  - •A few street lights are turned on in front of the road.
- The high beams will be automatically turned off when any of the following conditions is met:
  - •Headlamp switch is set to a position other than AUTO.
  - •Turn on the fog lamp switch.
  - •Turn off IHC.
  - •The vehicle speed is less than about 30 km/h.
  - •The area in front of the vehicle is not dark.
  - •All headlamps or tail lamps of a vehicle ahead are turned on.

•Multiple street lights are turned on in front of the road.

■ Under the following circumstances, the system may not accurately detect the ambient brightness level, which may prevent the IHC from working properly. In this case, switch between high beam and low beam manually.

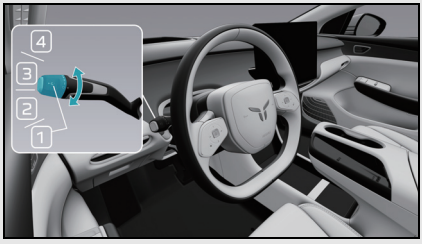
- The front windshield is blurred by moisture, ice, dirt, etc.
- The front windshield is broken or damaged.
- The front view is unclear due to fog, heavy rain, snow and other reasons.
- The camera is deformed or dirty.
- The camera temperature is extremely high.
- The ambient brightness is equivalent to the brightness of headlamps, tail lamps or fog lamps.
- The headlamps or tail lamps of vehicle ahead are turned off, dirty, discolored or incorrectly aimed, or one of them is turned on.
- The vehicle runs through an area with intermittent changes in brightness.
- The vehicle runs on uphill and downhill roads, bumpy roads or uneven roads (e.g. stone-paved roads, and gravel roads) frequently or repeatedly.
- The vehicle makes turns or runs on winding roads frequently or repeatedly.
- There are highly reflective objects in front of the vehicle, such as signs or mirrors.
- The back of vehicle ahead is highly reflective, such as a container on the truck.
- The headlamps of the vehicle are damaged, dirty or incorrectly aimed.
- The headlamps of opposite vehicle are turned off and its fog lamps are turned on.
- The vehicle is inclined due to flat tire, towing a trailer, etc.
- The high beam and low beam are switched repeatedly in an abnormal way.
- There is a lamp similar to the headlamps or tail lamps in front of the vehicle.
- Wet roads, snow roads, ice roads, etc. are reflective.

WARNING

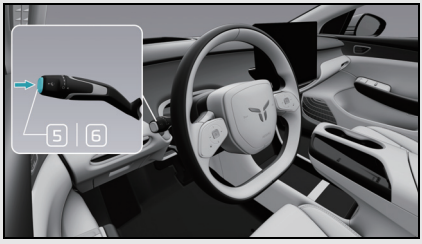
- **Do not rely on the automatic high beam too much. Be sure to drive safely, observe the surrounding environment, and turn on or off the high beam manually if necessary.**

Front windshield wiper & washer

When the wiper control lever is in AUTO position, the wiper will automatically work if the rain/light sensor detects rain. The system automatically adjusts the wiper speed according to the rainfall and vehicle speed.



1. 0 position - The wiper is turned off.
2. AUTO position - The wiper speed is automatically adjusted according to the rainfall.
   There are four adjustment levels in AUTO position
3. LO position - The wiper works at a low speed.
4. HI position - The wiper works at a high speed.

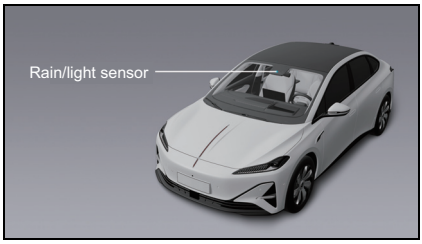


5. MIST position - The wiper works at a low speed for 1 cycle.
   Press the washing button on the wiper control lever to the first travel, and the wiper works at a low speed for 1 cycle.
6. Cleaning/wiping operation.
   Press the washing button on the wiper control lever to the second travel to clean the front windshield.

■ **Operating conditions for front windshield wiper & washer**

The vehicle power supply is set to ON mode and the front compartment cover is closed.

■ **Rain/light sensor**



The rain/light sensor determines the amount of rain.

■ **If the windshield washer fluid cannot be sprayed out**

Check whether there is washer fluid in the windshield washer fluid reservoir.

Check if the washer nozzle is blocked.

■ **If the front windshield wiper blade needs to be replaced**

- When the wiper control lever is in OFF and front compartment cover is closed with the vehicle stationary, set the wiper to the service position through the vehicle control interface of the in-vehicle infotainment system. (See P. 165)
- Turn off vehicle power supply and switch the wiper control lever to MIST position within 10 seconds to set the wiper to the service position.
- When the wiper is in the service position, set vehicle power supply to ON mode, and move the wiper control lever to a position other than MIST position or disable the wiper service position through the vehicle control interface of in-vehicle infotainment system or the vehicle switches from stationary status to driving status, to exit the service position.

⚠ WARNING

■ **Warnings for using front windshield wiper in AUTO mode**

In AUTO mode, the front windshield wiper may work unexpectedly if the sensor is touched, the interior rearview mirror is pulled with force or the front windshield is strongly vibrated (for example, the front windshield is knocked with force). Be careful that your fingers or anything else are not pinched by the front windshield wiper.

■ **Precautions for use of washer fluid**

In cold weather, do not use the washer fluid before the front windshield is warmed. The washer fluid may freeze on the front windshield, resulting in reduced visibility. This may cause an accident that could result in serious injury or even death.

■ **Only the windshield washer fluid can be placed in the washer fluid reservoir**

It is dangerous to use coolant as washer fluid. If it is sprayed onto the windshield, it will stain the windshield, which could obstruct your view and may cause an accident.

■ **In freezing weather, always use windshield washer fluid mixed with antifreeze**

It is very dangerous to use windshield washer fluid without antifreeze in freezing weather, because it

may freeze on the windshield, obstructing your view and thus causing an accident. In addition, before spraying washer fluid, make sure to fully heat the windshield with the defroster.

■ **The wiper blade should be replaced in time**

The use of worn or dirty wiper blade will greatly reduce the clarity of the front view and affect the driving safety.

Therefore, it is necessary to replace the damaged or worn and inoperative wiper blade in time.

CAUTION

■ **When the front windshield is dry**

Do not use the wiper; otherwise, the wiper blade may be damaged.

■ **When the washer fluid cannot be sprayed out of the nozzle**

If the washing button on the wiper control lever is pressed for a long time, it may cause damage to the washer fluid pump.

■ **When the nozzle is blocked**

Do not use needles or other objects to remove foreign matters without permission; otherwise, the nozzle will be damaged.

Adaptive Cruise Control (ACC)

ACC can comprehensively control the vehicle speed and the distance to the target vehicle within the speed range of 0 ~ 140 km/h, thus reducing the driver's workload and enhancing driving comfort. In addition, the system can automatically switch between cruise control and following cruise control based on the presence of a moving vehicle ahead. Because the actual driving environment is complex, in some cases, the driver can also intervene with the vehicle at any time as needed, and actively control the distance between the vehicle and the target vehicle. If necessary, ACC will prompt the driver by audible and visual alarms.

If ACC detects that the distance to the vehicle ahead is less than the set following distance, this vehicle automatically decelerates; if the vehicle ahead accelerates or leaves the lane, the vehicle can accelerate to the set cruising speed.

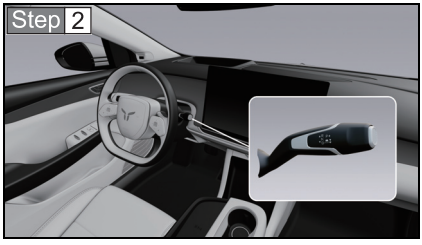
ACC setting

Turning on cruise



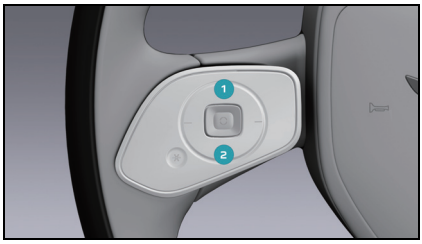
The cruise function can be turned on through the driver assistance settings interface of the in-vehicle infotainment system and set to ACC.

The cruise mode can only be set when the system is inactivated.



When white ACC indicator lamp on multimedia display comes on, accelerate or decelerate to the desired vehicle speed, then move the shift lever down once, the blue ACC indicator lamp comes on, and the current vehicle speed can be set as the cruise speed.

■ Adjusting vehicle speed



1 Increasing vehicle speed

Press: Each time it is pressed, the vehicle speed increases by 5 km/h;

Press and hold: After the system confirms that the pressing and holding is valid, the vehicle speed will increase by 1 km/h continuously.

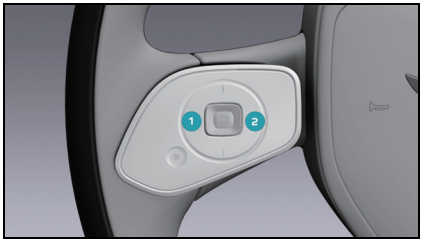
2 Reducing vehicle speed

Press: Each time it is pressed, the vehicle speed decreases by 5 km/h;

Press and hold: After the system confirms that the pressing and holding is valid, the vehicle speed will decrease by 1 km/h continuously.

Note: If the currently set vehicle speed is not a multiple of 5 when the button is pressed, it will automatically change to a multiple of 5 at first during adjustment.

■ Setting following distance



1 Decreasing following distance

2 Increasing following distance

The system provides four distance modes. Each time the control button is pressed, one mode is switched.



1 ACC system working indicator lamp

White: The system is enabled, the set conditions are met, and cruise control setting can be carried out.

Blue: The system is working, and the cruise control mode is entered.

2 Set following distance

The default following distance is "Distance 4".

Canceling ACC

Depress the brake pedal or operate shift lever upward once to cancel cruise control.

■ **Noise during automatic deceleration by ACC**

During automatic deceleration by ACC, noise may occur, which is normal.

■ **Following distance**

The following distance is "Distance 4" by default.

■ **Intelligent speed limit control**

When the set cruise speed exceeds the current road speed limit detected by ISA, a pop-up window prompts the driver to adjust the set speed to the speed limit value.

The intelligent speed limit control can be turned on/off through the driver assistance settings interface of the in-vehicle infotainment system. (See P. 168)

■ **Setting conditions of cruise control**

- The ESC is enabled.
- All doors and the front compartment cover are closed.
- The driver has fastened the seat belt.
- The D gear is engaged.
- The driver does not depress the brake pedal.
- The ADAS cameras are not blocked and function properly.
- ACC/ESC/AEB/TCS/ABS has no fault.
- AEB is not activated.

■ **Conditions for suspending cruise**

- When overtaking, depress the accelerator pedal deeply and briefly and resume ACC after releasing the accelerator pedal.

■ **Conditions for canceling cruise control**

- Move the shift lever upward once.
- Depress the brake pedal or apply the EPB.
- Open any door or the front compartment cover.
- The driver unfastens the seat belt.
- ABS/TCS/ESC is activated.
- AEB is activated.
- The relevant function of the system fails.
- Depress the accelerator pedal for more than 1 minute.

■ **ACC function fault**

In the event of an alarm due to ACC fault, please contact an authorized FAW Hongqi dealer for vehicle inspection.

■ **After setting vehicle power supply to OFF mode**

After the vehicle power supply is set to OFF mode, the set cruising speed or following distance will be deleted.

■ **Adjusting or calibrating ACC**

Adjust or calibrate the ACC under the following conditions, otherwise the ACC may not work properly:

- The front windshield is damaged or replaced.
- The ADAS camera unit is removed and then refitted.
- The four wheels are aligned.
- The front bumper is hit or deformed.

Contact an authorized FAW Hongqi dealer.

⚠ WARNING

- **To ensure driving safety, it is recommended that the set cruising speed should not exceed 120 km/h. It is very dangerous to use the cruise control during high-speed driving, so the driver is recommended to drive actively.**
- **Prevent accidental activation of ACC**

  When this function is not used, deactivate the cruise control.
- **Situations where ACC should not be used**

  To avoid the possibility of losing control of the vehicle and causing serious injury or death, do not use the ACC under any of the following conditions:
  - Traffic jams.
  - Complicated road conditions.
  - Sharp turns.
  - Winding roads.
  - Slippery roads (such as roads covered with rain, ice or snow).
  - Steep slopes.
  - There is a stationary obstacle in front of the vehicle.
  - Other scenes with insufficient visibility, such as snow, rain, ice and dense fog, etc.
  - Poor road lighting at night.
  - When strong light shines on the camera.
  - When there are significant elevation changes in the road.
- **The driver is the primary controller of the vehicle, whose control on the vehicle takes precedence over the ACC. Even if the vehicle is in ACC mode, when the driver depresses the accelerator pedal or brake pedal, the vehicle will be under the control of the driver. The driver must always keep control of the vehicle and take full responsibility for the vehicle.**
- **ACC is only a driver assistance system. If necessary, the driver should immediately deactivate the ACC and drive by himself/herself. When using ACC, please comply with relevant local laws and regulations, and adapt to the traffic, road and weather conditions at that time.**
- **The front windshield shall not be modified or covered by any auxiliary equipment. Otherwise, the ACC may not work properly.**
- **When leaving the driver seat for a long time, be sure to disable the ACC to avoid accidents caused by misoperation.**

⚠ WARNING

- **When this vehicle follows the target vehicle for driving, the ACC mainly controls the following distance, and the actual speed of this vehicle may be lower than the set cruising speed.**
- **If the distance from the vehicle ahead becomes too short (for example, due to the emergency braking by the vehicle ahead) in ACC mode, the system will prompt the driver through audible and visual alarms via the multimedia display, and the driver should pay attention to the distance and take control of the vehicle at this time.**
- **When the driver depresses the accelerator pedal for active acceleration, the cruising speed icon displayed on the multimedia display will flash, which is normal.**
- **When this vehicle enters or exits a curve or changes the lane, or when the vehicle ahead is stationary, the ACC may lose the target vehicle or misidentify the target vehicle.**
- **The ACC cannot detect other sides than the rear of the vehicle, children, pedestrians, animals or other objects and will not brake for them. At this time, the driver must drive carefully.**
- **The ACC has limited braking capacity. It may have no time to slow down to avoid a collision with the vehicle ahead when the vehicle ahead suddenly decelerates, stops or enters your lane. If a danger is felt, please actively depress the brake pedal for braking.**
- **During driving, the driver must remain fully attentive and always be prepared to take action and apply brake.**
- **The driver should adjust the following distance and reasonably set the ACC according to the traffic ahead and the current weather conditions (such as rain and snow). The driver needs to ensure that the vehicle can be decelerated to a stop within their field of view at all times.**
- **The ACC can only identify motor vehicles (such as vehicles and trucks) with legal license plates that are capable of driving on highways.**
  If vehicle ahead has characteristics of irregular shape, modification, painted surface, etc., the recognition effect cannot be guaranteed. The recognition of pedestrians and narrow vehicles (such as bicycles and motorcycles) cannot be guaranteed either. At this time, the driver should be prepared to take control of the vehicle at any time according to the actual situation.

⚠ WARNING

- **The ACC may not accurately recognize large trailers. At this time, the driver should take over the vehicle at any time according to the actual situation.**
- **The ACC cannot accurately determine the passing width of the lane ahead. Therefore, if the driver feels that the front lane is too narrow for normal passage, they immediately deactivate the ACC through braking intervention and control the vehicle.**
- **Do not use the ACC on steep slopes. The ACC may not detect vehicles in the same lane, so the driver usually needs to control the acceleration and braking of the vehicle. If the brake is applied, the ACC will be deactivated.**
- **When a vehicle traveling in the same direction in the same lane is detected, a symbol of vehicle ahead will be displayed on the multimedia display. If this symbol indication is inconsistent with the actual situation observed by the driver, the driver is responsible for taking over the vehicle and driving according to the actual situation.**
- **If a foot is placed on the accelerator pedal, the ACC may not automatically apply the brake, resulting in a collision with the vehicle ahead, so the driver should keep focused.**
- **When vehicles in the adjacent lane move in front of the direction of travel of this vehicle, if they do not enter the monitoring area, they could not be detected, thus resulting in a response lag of ACC. The driver should pay close attention to movements of vehicles in the adjacent lane and take the initiative to intervene when necessary.**
- **If the vehicle ahead brakes suddenly (for emergency stop), the ACC may be unable to react or react too slowly, thus resulting in a risk of delayed braking. In this case, the driver may not receive a takeover request. The driver should keep focused, and take the initiative to intervene when necessary.**
- **When this vehicle follows the target vehicle and stops in ACC mode, it may start suddenly due to the blocked target vehicle, pedestrians passing by, etc. The driver should keep focused, and take the initiative to intervene when necessary.**

CAUTION

■The ACC will control this vehicle at the set following distance from the target vehicle. If the target vehicle decelerates or stops, the ACC will control this vehicle to decelerate or stop automatically.

■When the target vehicle restarts or leaves the lane after stopping for no more than 3 seconds, this vehicle will start automatically under the control of ACC.

■When the target vehicle restarts or leaves the lane after stopping for more than 3 seconds but no more than 10 minutes, a message to resume cruise control will be shown on the multimedia display of this vehicle, and the driver can resume the ACC function by depressing the accelerator pedal, thus realizing automatic starting.

■When this vehicle stops for more than 10 minutes, the ACC will be automatically deactivated.

■The ACC cannot keep the vehicle braked for a long time. Do not leave the vehicle when the ACC keeps the vehicle stopped. Before leaving the vehicle, be sure to engage the P gear.

■During driving through a curve with ACC, pay attention to the followings:

- In sharp curves, the ACC may be deactivated or limit the speed.
- On curves, the ACC may respond to vehicles in another lane, have no time to respond to vehicles in the same lane, make the vehicle collide with the front, or lose control of the vehicle; especially during driving on ramps, the ACC may lose its target due to large curve, thus causing acceleration. On curves, the driver must take extra care and always be ready for braking when necessary. During driving on curves, choose a proper speed.

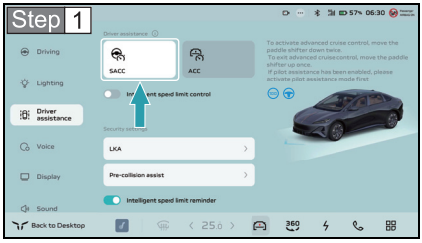
■When this vehicle passes through an intersection with traffic lights while following the vehicle ahead, the driver should pay attention to the change of traffic lights and actively intervene with the vehicle when necessary to avoid violating traffic rules.

Super Adaptive Cruise Control (SACC)

Based on the ACC, SACC not only perform cruise and following functions, but also identify the lane markings through the ADAS camera. It can control the vehicle to drive along the center line of the lane, enhancing both driving comfort and safety.

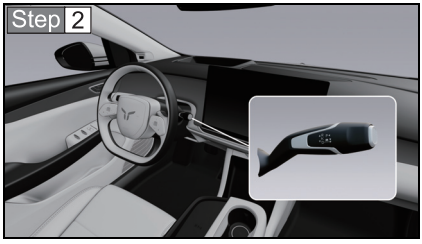
If SACC detects that the distance to the vehicle ahead is less than the set following distance, this vehicle automatically decelerates; if the vehicle ahead accelerates or leaves the lane, the vehicle can accelerate to the set cruising speed.

SACC setting



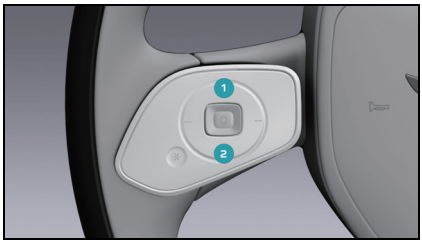
The cruise function can be turned on through the driver assistance settings interface of the in-vehicle infotainment system and set to SACC.

The cruise mode can only be set when the system is inactivated.



When white SACC indicator lamp on multimedia display comes on, accelerate or decelerate to the desired vehicle speed, then move the shift lever down twice, the blue SACC indicator lamp comes on, and the current vehicle speed can be set as the cruise speed.

■ Adjusting vehicle speed



1 Increasing vehicle speed

Press: Each time it is pressed, the vehicle speed increases by 5 km/h;

Press and hold: After the system confirms that the pressing and holding is valid, the vehicle speed will increase by 1 km/h continuously.

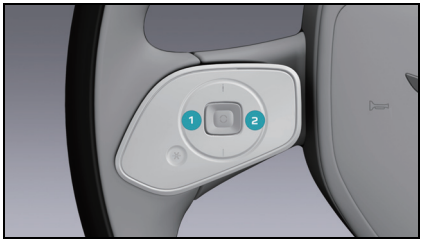
2 Reducing vehicle speed

Press: Each time it is pressed, the vehicle speed decreases by 5 km/h;

Press and hold: After the system confirms that the pressing and holding is valid, the vehicle speed will decrease by 1 km/h continuously.

Note: If the currently set vehicle speed is not a multiple of 5 when the button is pressed, it will automatically change to a multiple of 5 at first during adjustment.

■ Setting following distance



1 Decreasing following distance

2 Increasing following distance

The system provides four distance modes. Each time the control button is pressed, one mode is switched.



1 ACC system working indicator lamp

2 SACC steering assist indicator lamp

(Off) (off): System is in standby and does not meet the setting conditions.

(Off) (white): System turns on and ACC setting can be performed.

(White) (white): System turns on and SACC setting can be performed.

(Off) (blue): System operates and enters ACC mode.

(Blue) (blue): System operates and enters SACC mode.

3 Set following distance

The default following distance is "Distance 4".

Canceling SACC

Depress the brake pedal or operate shift lever upward once to cancel cruise control.

Switching between SACC and ACC

When ACC is working and SACC setting conditions are met, operate shift lever downward twice to switch to SACC mode.

When SACC is working, the driver operates shift lever downward once to switch to ACC mode.

When SACC is working, the system detects that both hands have been off the steering wheel for a certain period of time, SACC mode and ACC mode will exit.

When SACC is working, if camera fails to recognize the lane markings ahead, it will automatically switch to ACC mode. After the camera recognizes the lane markings ahead again within 30 seconds, SACC will resume.

Noise during automatic deceleration by SACC

When SACC performs automatic deceleration, noise may be produced, which is normal.

■ **Following distance**

The following distance is "Distance 4" by default.

■ **Intelligent speed limit control**

When the set cruise speed exceeds the current road speed limit detected by ISA, a pop-up window prompts the driver to adjust the set speed to the speed limit value.

The intelligent speed limit control can be turned on/off through the driver assistance settings interface of the in-vehicle infotainment system. (See P. 168)

■ **Setting conditions of SACC**

- The cruise mode is set to SACC in the in-vehicle infotainment system.
- All doors and the front compartment cover are closed.
- The driver has fastened the seat belt.
- The D gear is engaged.
- The brake pedal is not depressed.
- The ADAS cameras are not blocked and function properly.
- The lane markings are clear and meet the requirements of national standards.
- SACC/ESC/AEB/TCS/ABS/EPS has no fault.
- AEB is not activated.

■ **Conditions for suspending SACC**

- When overtaking, depress the accelerator pedal deeply and briefly (100) (flashing) or operate the steering wheel (flashing) for no more than 0.5 minute to suspend SACC, release the accelerator pedal, SACC will resume after the vehicle is centered in the lane and the steering wheel is straightened.
- When SACC is working, if camera fails to recognize the lane markings ahead, (flashing) it will automatically switch to ACC mode. After the camera recognizes the lane markings ahead, SACC will resume.
- When SACC is working, if a sharp curve suddenly appears, (flashing) it will automatically switch to ACC mode. After the vehicle runs over the sharp curve, SACC will resume.
- When SACC is working, if camera detects that the lane is too wide or too narrow, (flashing) it will automatically switch to ACC mode. After the camera recognize a suitable lane ahead, SACC will resume.

■ **Conditions for canceling SACC**

- Move the shift lever upward once.
- Depress the brake pedal or apply the EPB.
- Open any door or the front compartment cover.

- The driver unfastens the seat belt.
- ESC is turned off.
- ABS/TCS/ESC is activated.
- AEB is activated.
- The relevant function of the system fails.
- Depress the accelerator pedal for more than 1 minute.

■ **SACC function fault**

In the event of an alarm due to SACC fault, please contact an authorized FAW Hongqi dealer for vehicle inspection.

■ **After setting vehicle power supply to OFF mode**

After the vehicle power supply is set to OFF mode, the set cruising speed or following distance will be deleted.

■ **Adjusting or calibrating SACC**

Adjust or calibrate the SACC under the following conditions, otherwise the SACC may not work properly:

- The front windshield is damaged or replaced.
- The ADAS camera unit is removed and then refitted.
- The four wheels are aligned.
- The front bumper is hit or deformed.

Contact an authorized FAW Hongqi dealer.

⚠ WARNING

■ **Prevent accidental activation of SACC**

When this function is not used, deactivate the cruise control.

■ **Situations where SACC should not be used**

To avoid the possibility of losing control of the vehicle and causing serious injury or death, do not use the SACC under any of the following conditions:

- Traffic jams.
- Complicated road conditions.
- Sharp turns.
- Winding roads.
- Slippery roads (such as roads covered with rain, ice or snow).
- Steep slopes.
- There is a stationary obstacle in front of the vehicle.
- Other scenes with insufficient visibility, such as snow, rain, ice and dense fog, etc.
- Poor road lighting at night.
- When strong light shines on the camera.
- When there are significant elevation changes in the road.
- The lane markings are not clear.

■ **The driver is the primary controller of the vehicle, whose control on the vehicle takes precedence over the SACC. Even if the vehicle is in SACC mode, when the driver depresses the accelerator pedal, brake pedal or operates the steering wheel, the vehicle will be under the control of the driver. The driver must always keep control of the vehicle and take full responsibility for the vehicle.**

■ **When driving on a repaired asphalt road or a road with strong light reflection, the vehicle may deviate from the driving lane. The driver should keep focused, and take the initiative to intervene when necessary.**

■ **When SACC is working, the driver should hold the steering wheel firmly with both hands to ensure driving safety.**

■ **SACC is only a driver assistance system. If necessary, the driver should immediately deactivate the SACC and drive by himself/herself. When using SACC, please comply with relevant local laws and regulations, and adapt to the traffic, road and weather conditions at that time.**

■ **The front windshield shall not be modified or covered by any auxiliary equipment. Otherwise, the SACC may not work properly.**

⚠ WARNING

- **When leaving the driver seat for a long time, be sure to disable the SACC to avoid accidents caused by misoperation.**
- **When this vehicle follows the target vehicle for driving, the SACC mainly controls the following distance, and the actual speed of this vehicle may be lower than the set cruising speed.**
- **If the distance from the vehicle ahead becomes too short (for example, due to the emergency braking by the vehicle ahead) in SACC mode, the system will prompt the driver through audible and visual alarms via the multimedia display, and the driver should pay attention to the distance and take control of the vehicle at this time.**
- **When the driver depresses the accelerator pedal for active acceleration, the cruising speed icon displayed on the multimedia display will flash, which is normal.**
- **When this vehicle enters or exits a curve or changes the lane, or when the vehicle ahead is stationary, the SACC may lose the target vehicle or misidentify the target vehicle.**
- **The SACC cannot detect other sides than the rear of the vehicle, children, pedestrians, animals or other objects and will not brake for them. At this time, the driver must drive carefully.**
- **The SACC has limited braking capacity. It may have no time to slow down to avoid a collision with the vehicle ahead when the vehicle ahead suddenly decelerates, stops or enters your lane. If a danger is felt, please actively depress the brake pedal for braking.**
- **During driving, the driver must remain fully attentive and always be prepared to take action and apply brake.**
- **The driver should adjust the following distance and reasonably set the SACC according to the traffic ahead and the current weather conditions (such as rain and snow). The driver needs to ensure that the vehicle can be decelerated to a stop within their field of view at all times.**
- **The SACC can only recognize motor vehicles (such as vehicles and trucks) with legal license plates that are capable of driving on highways. If vehicle ahead has characteristics of irregular shape, modification, painted surface, etc., the recognition effect cannot be guaranteed. The recognition of pedestrians and narrow vehicles (such as bicycles and motorcycles) cannot be guaranteed either. At this time, the driver should be prepared to take control of the vehicle at any time according to the actual situation.**

⚠ WARNING

- **The SACC may not accurately recognize large trailers. At this time, the driver should take over the vehicle at any time according to the actual situation.**
- **The SACC cannot accurately determine the passing width of the lane ahead. Therefore, if the driver feels that the front lane is too narrow for normal passage, they immediately deactivate the SACC through braking intervention and control the vehicle.**
- **Do not use the SACC on steep slopes. The SACC may not detect vehicles in the same lane, so the driver usually needs to control the acceleration and braking of the vehicle. If the brake is applied, the SACC will be deactivated.**
- **When a vehicle traveling in the same direction in the same lane is detected, a symbol of vehicle ahead will be displayed on the multimedia display. If this symbol indication is inconsistent with the actual situation observed by the driver, the driver is responsible for taking over the vehicle and driving according to the actual situation.**
- **If a foot is placed on the accelerator pedal, the SACC may not automatically apply the brake, resulting in a collision with the vehicle ahead, so the driver should keep focused.**
- **When vehicles in the adjacent lane move in front of the direction of travel of this vehicle, if they do not enter the monitoring area, they could not be detected, thus resulting in a response lag of SACC. The driver should pay close attention to movements of vehicles in the adjacent lane and take the initiative to intervene when necessary.**
- **If the vehicle ahead brakes suddenly (for emergency stop), the SACC may be unable to react or react too slowly, thus resulting in a risk of delayed braking. In this case, the driver may not receive a takeover request. The driver should keep focused, and take the initiative to intervene when necessary.**
- **When this vehicle follows the target vehicle and stops in SACC mode, it may start suddenly due to the blocked target vehicle, pedestrians passing by, etc. The driver should keep focused, and take the initiative to intervene when necessary.**

⚠ CAUTION

- **The SACC will control this vehicle at the set following distance from the target vehicle. If the target vehicle decelerates or stops, the SACC will control this vehicle to decelerate or stop automatically.**
- **When the target vehicle restarts or leaves the lane after stopping for no more than 3 seconds, this vehicle will start automatically under the control of SACC.**
- **When the target vehicle restarts or leaves the lane after stopping for more than 3 seconds but no more than 10 minutes, a message to resume cruise control will be shown on the multimedia display of this vehicle, and the driver can resume the SACC function by depressing the accelerator pedal, thus realizing automatic starting.**
- **When this vehicle stops for more than 10 minutes, the SACC will be automatically deactivated.**
- **The SACC cannot keep the vehicle braked for a long time. Do not leave the vehicle when the SACC keeps the vehicle stopped. Before leaving the vehicle, be sure to engage the P gear.**
- **During driving through a curve with SACC, pay attention to the followings:**
  - In sharp curves, the SACC may be deactivated or limit the speed.
  - On curves, the SACC may respond to vehicles in another lane, have no time to respond to vehicles in the same lane, make the vehicle collide with the front, or lose control of the vehicle; especially during driving on ramps, the SACC may lose its target due to large curve, thus causing acceleration. On curves, the driver must take extra care and always be ready for braking when necessary. During driving on curves, choose a proper speed.
  - In a curve, too small road radius may affect the judgment of SACC on the lane markings. Drive with caution on curves.
- **When this vehicle passes through an intersection with traffic lights while following the vehicle ahead, the driver should pay attention to the change of traffic lights and actively intervene with the vehicle when necessary to avoid violating traffic rules.**

Tire Pressure Monitoring System (TPMS)

The TPMS can monitor and check the tire pressure, and automatically issue an alarm when the tire pressure is lower than the limit.



1 Tire pressure abnormal/ system fault warning lamp
2 Tire pressure information (see P. 174)

Operating condition of system

Vehicle status	Alarm
Tire pressure is abnormal	The system fault warning lamp comes on and gives prompt in the form of text at the same time to indicate that tire pressure is abnormal.
The tire pressure monitoring system does not work normally	The system fault warning lamp comes on, and gives prompt in the form of text at the same time to indicate that tire pressure monitoring system does not work normally.

Tire pressure sensor matching

After wheel replacement or tire rotation, it is necessary to configure the TPMS. Please contact an authorized FAW Hongqi dealer.

⚠ WARNING

■ Precautions for TPMS

- This system cannot prevent tire deflation and bursting. It is mainly used to give an alarm when it monitors that the tire pressure is lower than a set value.
- In winter, the tire pressure should be adjusted in time. Because the atmospheric temperature drops in winter, the tire pressure may decrease or fall below the alarm value. When the tire pressure decreases below the alarm value, an alarm will be issued.

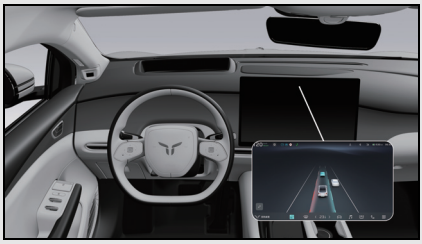
■ Situation in which TPMS cannot work properly

This system can make judgments based on subtle changes in tires. However, it sometimes cannot work properly under the following conditions.

- Emergency tires, snow tires and tire chains are used.
- The original sensor is not reinstalled on the corresponding wheel during wheel replacement.

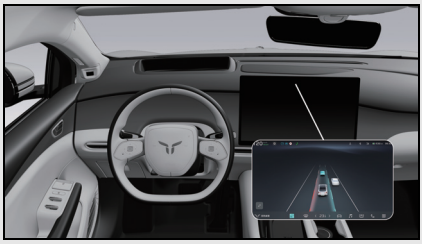
The LDW/LKA can detect the driver's status and the vehicle's driving status when the vehicle speed is 60 - 150 km/h. When the system detects that the driver's subjective intention (such as steering, changing lane etc.) or the driver's non-subjective intention (such as chatting, distraction, operating in-vehicle infotainment system, etc.) causes the vehicle to deviate from its lane, it will give a warning or a warning with correction prompt to prevent danger and traffic violation.

■ Lane Departure Warning (LDW)



When the system determines that the vehicle is departing from the lane, the line on the corresponding side turns red, and a warning sound is issued at the same time.

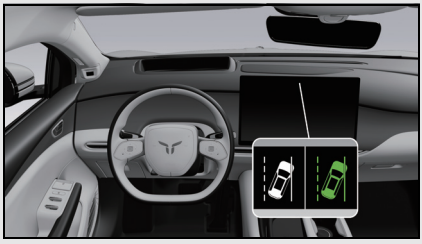
■ Lane Keeping Assist (LKA)



During driving, when the system detects lane departure or a potential collision with adjacent vehicles or road edges, the corresponding side lines on the multimedia display will turn red, and at the same time a warning sound will be emitted, and the steering wheel will provide the reverse steering force to avoid or minimize the damage of the collision.

■ LDW/LKA settings

The LDW/LKA can be turned on/off through the driver assistance settings interface of the in-vehicle infotainment system. After the system is turned on, the alarm mode can be selected as alarm only or alarm + correction and the LDW sensitivity can be set at the same time. (See P. 168)



When the system is turned on, the LKA indicator lamp (white) on the multimedia display comes on. When the system is turned off, the indicator lamp goes out.

When the system is turned on, the vehicle speed is higher than 60 km/h, and the system recognizes a valid lane marking, the LKA indicator lamp (green) on the multimedia display comes on.

■ **Operating conditions for LDW/LKA:**

- At least one lane marking on either side must be clear and have a length of ⩾ 20 m.
- The distance between the lane markings on both sides of the road must be ⩾ 3 m.
- The vehicle speed is ⩾ 60 km/h and ⩽ 150 km/h.
- The curve radius is ⩾ 250 m.
- Other lateral control (SACC) functions are not activated.
- ABS, ESC functions are not activated.

■ **The system will suppress the alarm and correction even if the vehicle departs from the lane under the following conditions:**

- The driver turns the steering wheel to pass a bend.
- The driver depresses the accelerator pedal deeply.
- The turn signal lamp switch is turned on or returned within 3 seconds.

■ **The LDW/LKA may not work properly under the following conditions:**

- Cameras are blocked by snow, ice, dust or stains on the front windshield.
- The weather causes low visibility, such as heavy fog, heavy rain, heavy snow, etc.
- The road is covered by vehicles or other obstacles.
- The road has a narrow width or the bend curvature is too large.
- The line of sight of the system cameras is blocked.
- When driving towards strong light.
- In complex lane marking conditions, such as diverging/merging, construction area, etc.
- Misrecognition may be caused when there are bridge cables or tree shadows on the road surface.
- When the light is dim or the lane markings are blurred at night.
- The vehicle speed is less than 60 km/h.
- The lane markings do not meet the requirements of national standards.
- The brightness of the external environment of the vehicle suddenly changes, for example, entering a tunnel.

■ **When the ADAS camera unit or front windshield is replaced or when the four-wheel alignment is performed, the system needs to be recalibrated, otherwise it will not work normally. Contact an authorized FAW Hongqi dealer.**

⚠ WARNING

- **The LDW/LKA is only a driver assistance system. Do not rely on it too much. The driver must drive carefully.**
- **The driver is the primary controller of the vehicle, whose control on the vehicle takes precedence over the LDW/LKA. The driver must always have control on the vehicle and take full responsibility for the vehicle.**
- **Stop using the system when road and environmental factors may cause the system not to work properly.**
- **To prevent disturbance to the driver, the system will not give an alarm when the activation conditions of the LDW/LKA are not met.**
- **Incorrect calibration of the LDW/LKA may result in misrecognition of other lanes, and even cause accidents.**
- **The LDW/LKA can recognize lane markings and curbs with certain contrast. However, it may not recognize lane markings and curbs accurately or even fail to do so if they are blurred or stained, and may make false recognition of some wheel traces, watermarks or shadows exhibiting significant color differences and contrast on the road.**

Driver Status Monitor (DSM)*

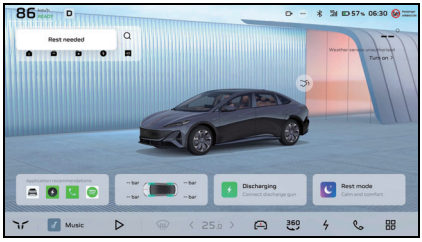
DSM primarily assesses the current state of the driver through vehicle-related information, it can also combines with DSM camera to further evaluate the current driver's facial expressions. When signs of driver fatigue or distraction are detected, it will give timely alarm to reduce the risk of road traffic accidents.

■ Distraction alarm



When the system determines that the driver has a distracted intention, audible and text reminders will be given on multimedia display.

■ Fatigue alarm



When the system determines that the driver may be in a relatively light abnormal driving status at present, short-duration audible and text reminders will be given on multimedia display.

When the system determines that the driver may be in a serious abnormal driving status at present, prolonged audible and text reminders will be given on multimedia display.

Turning on/off DSM

The DSM can be turned on and off through the driver assistance settings interface of the in-vehicle infotainment system. (See P. 169)

■ **Operating conditions of DSM**

DSM is activated when all of the following conditions are met:

- DSM is set to ON in the in-vehicle infotainment system;
- Sit in the driver seat correctly;
- Shift lever is in D;
- The vehicle speed is not lower than 10 km/h;
- DSM related systems have no fault.

■ **The system will not give an alarm even if DSM is turned on under the following conditions:**

- The eyeglass frame can easily block the sight, resulting in unrecognizable eye information and function may be limited at this time.
- The vehicle speed is not higher than 8 km/h.
- The head deviates from the camera area and no facial features of the driver are detected.

■ **DSM has limited functionality under the following special working conditions:**

- When strong light shines on the driver's glasses, the lens reflects onto the infrared area of the camera, causing the loss of eye coordinates and limiting the DSM function.
- When the camera is obstructed, the multimedia display prompts a camera fault message. This situation is not a system fault, and if the obstruction is removed, the system will restore its function.
- During the current driving cycle, if DSM turns off automatically due to other related systems, when those systems return to normal, DSM will turn on automatically.

WARNING

- **The DSM is only a driver assistance system. It can only give warnings for the abnormal driver behavior, but cannot directly interfere with the vehicle. The driver must consider the warnings and control the steering wheel by himself/herself to ensure the normal driving of the vehicle.**
- **Due to road and environmental factors, the DSM may not normally judge the driver's abnormal driving status. The driver must abide by traffic regulations, stop and rest in time according to own conditions to ensure driving safety.**
- **If the DSM is not calibrated correctly, it may cause misjudgment and even cause accidents.**

Forward Collision Warning (FCW)

The system automatically judges the collision risk level through the relative distance, relative speed and relative acceleration between the vehicle and the target vehicle. If the conditions are met, the system will give an alarm.



When the system detects a potential collision, the multimedia display displays a warning message and issues an audible alarm.

For the target vehicle, when the collision risk level goes up, the system will provide a braking reminder similar to the snub braking effect.

■ Turning on/off FCW

The FCW can be turned on and off through the driver assistance settings interface of the in-vehicle infotainment system. It is turned on by default. (See P. 168)



When the system is turned off, the multimedia display will display the FCW OFF indicator lamp.

■ **Adjusting or calibrating FCW**

Adjust or calibrate the FCW under the following conditions, otherwise the FCW may not work properly:

- The front windshield is damaged or replaced.
- The ADAS camera unit or radar mounting bracket is removed and then refitted.
- The four wheels are aligned.
- The front bumper is hit or deformed.

Contact an authorized FAW Hongqi dealer.

⚠ WARNING

- **To ensure driving safety, occupants in the vehicle must fasten their seat belts!**
- **The FCW is only a driver assistance system. Do not rely on the FCW too much. The driver must drive carefully.**
- **The FCW only gives an early warning of collision danger. The driver must control the brake pedal or steering wheel to prevent collision.**
- **The driver is the primary controller of the vehicle, and must always have control on the vehicle and take full responsibility for the vehicle.**
- **The FCW may not recognize modified or decorated vehicles with special appearance.**
- **As the FCW obtains information by recognizing the rear of other vehicles, it will not give an alarm for oncoming vehicles and front crossing vehicles.**
- **In complex traffic conditions, the FCW may experience delays in recognizing vehicles, leading to delayed alarms.**
- **On curved roads, hill roads or extremely bumpy roads, the system may not detect the vehicles ahead. The driver must drive carefully.**
- **The FCW system is a warning system. It cannot detect other vehicles in all cases. For example, the rear of a vehicle is seriously blocked, the shape of a vehicle is unusual (e.g., an overloaded vehicle carrying trees), the rear of a vehicle is seriously damaged, etc.**
- **The FCW may not recognize narrow objects such as pedestrian or bicycle.**
- **When rain, snow, ice, fog or dust blocks the sensors, the performance of system may degrade or fail. The driver must drive carefully.**
- **The front windshield shall not be modified or covered by any auxiliary equipment. Otherwise, the FCW may degrade or fail.**
- **If cameras are displaced due to collision, the FCW function may degrade or fail. Please calibrate the FCW in time.**
- **Never use an FCW that is incorrectly calibrated.**
- **For scenes like strong backlighting, road reflection, insufficient ambient lighting, etc., the FCW may not work normally. The driver must drive carefully.**
- **If the chassis of the preceding vehicle is high, or the goods protrude from the rear of the preceding vehicle, please pay attention to the danger that may occur.**
- **The FCW may not recognize targets such as cyclist.**

⚠ CAUTION

■ **In order to avoid disturbing the driver by false alarms, no alarms will be given under the following conditions:**

- The front windshield is damaged or replaced.
- The vehicle speed is less than 8 km/h.
- The vehicle speed is higher than 135 km/h.
- Within 3 seconds of the previous alarm.
- The driver turns the steering wheel too fast or by a large angle.
- A sudden and forceful depression on the accelerator pedal causes a large pedal surface position change.

Autonomous Emergency Braking (AEB)

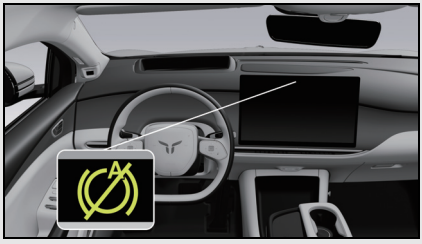
The working range of the AEB is 8 km/h ~ 90 km/h.When the vehicle may collide with the preceding vehicle in case of emergency, if the driver fails to perform emergency braking or emergency steering to avoid danger in time, the system will assist the driver in applying brake to avoid or reduce the collision injury.



When the AEB works, the multimedia display displays a warning message and an audible alarm is issued.

■ Turning on/off AEB

The AEB can be turned on and off through the driver assistance settings interface of the in-vehicle infotainment system.
(See P. 168)



When the system is turned off, the multimedia display will display the AEB OFF warning message.

■ **Adjusting or calibrating AEB**

Adjust or calibrate the AEB under the following conditions, otherwise the AEB may not work properly:

- The front windshield is damaged or replaced.
- The ADAS camera unit or radar mounting bracket is removed and then refitted.
- The four wheels are aligned.
- The front bumper is hit or deformed.

Contact an authorized FAW Hongqi dealer.

⚠ WARNING

- To ensure driving safety, occupants in the vehicle must fasten their seat belts.
- The AEB is only a driver assistance system. Do not rely on the AEB too much. The driver must drive carefully.
- The driver is the primary controller of the vehicle, whose control on the vehicle takes precedence over the AEB. The driver must always have control on the vehicle and take full responsibility for the vehicle.
- The AEB may not be able to recognize modified or decorated vehicles with special appearance.
- On curved roads, hill roads or extremely bumpy roads, the system may not detect the vehicles ahead. The driver must drive carefully.
- The AEB may not recognize targets such as cyclist.
- The braking function of the AEB system will not be activated when the ESC is off or faulty.
- If there is heavy snow or rain, the system may not work properly.
- For scenes like strong backlighting, road reflection, insufficient ambient lighting, etc., the AEB may not work normally. The driver must drive carefully.
- If the vehicle is towing another vehicle or a trailer, turn off the AEB. When brakes are controlled under towing conditions, the safety of the vehicle deteriorates.
- If the chassis of the preceding vehicle is high, or the goods protrude from the rear of the preceding vehicle, please pay attention to the danger that may occur.
- The front windshield shall not be modified or covered by any auxiliary equipment. Otherwise, the performance of AEB may degrade or fail.
- If cameras are displaced due to collision, the AEB function may degrade or fail. Please calibrate the AEB in time.
- Never use an AEB that is incorrectly calibrated.
- As the AEB obtains information by recognizing the rear of other vehicles, it will not give an alarm for oncoming vehicles and front crossing vehicles.
- The AEB is an auxiliary system. It cannot detect other vehicles in all cases. For example, the rear of a vehicle is seriously blocked, the shape of a vehicle is unusual (e.g., an overloaded vehicle carrying trees), the rear of a vehicle is seriously damaged, etc.

⚠ WARNING

- **When the vehicle is driving in a curve, the AEB may not be able to accurately judge the state of stationary objects in the driving direction, so the system may not carry out autonomous emergency braking assistance.**
- **The AEB does not always help the driver in all environments. Therefore, the driver shall not rely on the system completely, and must concentrate on observing road conditions to ensure driving safety.**
- **The AEB is an active auxiliary safety system. However, it cannot completely guarantee collision avoidance with vehicles in front under any conditions. The driver is responsible for driving and avoiding dangerous conditions. In case of emergency, the driver should brake as soon as possible.**
- **If the AEB is activated, the driver should promptly take control of the vehicle after it comes to a stop to prevent unintended restarting, which may lead to the vehicle slipping.**
- **During driving, the AEB may be triggered under complex road or complex lighting conditions (such as road shadows).**
- **If a previously detected risk suddenly disappears, the system may still trigger the AEB due to processing delays.**
- **Extreme weather conditions such as heavy snow, rain, ice and fog may lead to the performance degradation or failure of ADAS camera unit. In such weather, the driver must use the AEB carefully.**

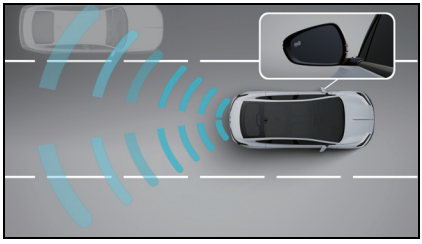
CAUTION

- **In order to avoid disturbing the driver by false alarms, no alarms will be given under the following conditions:**
  - The vehicle speed is less than 8 km/h.
  - Within 20 seconds of the previous alarm.
- **When the AEB works, it will be deactivated if any of the following conditions are met:**
  - The driver turns the steering wheel too fast or by a large angle.
  - A sudden and forceful depression on the accelerator pedal causes a large pedal displacement.
  - The speed reduction exceeds the threshold of 70 km/h.
- **When any of the following conditions are met, the AEB will not be triggered, allowing the driver to maintain control of the vehicle without unnecessary interference:**
  - ESC/TCS/ABS function is activated.
  - The R gear is engaged.
  - Any door is not closed.
  - The front compartment cover is not closed.
  - The driver unfastens the seat belt.
  - The automatic parking function is turned on.
  - Within 20 seconds of the previous alarm.
  - The vehicle speed is less than about 8 km/h.
  - The driver turns the steering wheel too fast or by a large angle.
  - A sudden and forceful depression on the accelerator pedal causes a large pedal position.

Blind Spot Detection (BSD)

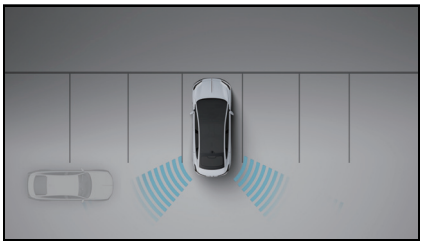
The system has the functions of blind spot detection, lane change assistance, rear cross traffic alert, front cross traffic alert and rear collision warning to assist the driver in driving.

Blind spot detection and lane change assistance



When the shift lever is set to D gear and the vehicle speed is higher than 15 km/h, if a rear side vehicle within the blind spot of 5 m behind the vehicle or within the range of 5~70 m poses a collision risk, the warning indicator lamp on the exterior rearview mirror of the corresponding side comes on and the multimedia display displays a warning message. If the turn signal lamp switch on the corresponding side is turned on at this time, the warning indicator lamp flashes and a warning sound is issued at the same time, alerting the driver that there is danger in changing lanes. The function is turned off when the vehicle speed is less than 12 km/h.

Rear cross traffic alert



When the shift lever is set to R gear and the vehicle speed is 0~10 km/h, if there are laterally moving vehicles, electric bicycles, bicycles and other targets in the lateral direction behind the vehicle, the system will determine whether there is a collision risk and the level of collision risk with the relevant targets. If there is a risk, the exterior rearview mirror warning indicator lamp on corresponding side will come on, and the multimedia display will display an alarm prompt message to avoid collision.

Rear collision warning



When the shift lever is set to D or N gear and the vehicle speed is greater than 0 km/h or the shift lever is set to P gear and the vehicle is stationary, if a rear vehicle is within 80 m from this vehicle, system will monitor the driving status of the following vehicle to judge the possibility of rear-end collision. When there is a danger, the multimedia display displays a warning message and triggers the hazard warning lamp to flash to remind the driver and the following vehicle that there is a risk of collision.

Turning on/off BSD

Each function of the BSD can be turned on and off through the driver assistance settings interface of the in-vehicle infotainment system. (See P. 169)

■ **The BSD and lane change assistance may not give an alarm or may give a delayed alarm under the following conditions:**

- The vehicle is driving on a steep slope.
- The vehicle is navigating the mountain top or a hill road.
- There is a height difference between the driving lane and the adjacent lane.
- The turning radius is small.
- The vehicle is driving on snow-covered roads for a long time.
- A large amount of snow or ice gathers near radar sensors.

■ **The BSD and lane change assistance may advance the alarm or expand the alarm range under the following conditions**

- If two lanes are too narrow, an alarm will occur in the adjacent lane.
- The vehicle drives on roads with fixed obstacles near the side of the vehicle for a long time (e.g., tunnel wall, cement barrier of viaduct, metal billboard, etc.).

■ **The rear cross traffic alert may not give an alarm or may expand the alarm range under the following conditions:**

- The vehicle is parked at an oblique angle.
- The reverse speed exceeds 10 km/h.
- A large amount of snow or ice gathers near radar sensors.
- The speed and yaw angle of the target vehicle are constantly changing in the detection area.
- Another vehicle directly approaches this vehicle from the rear.

■ **The rear collision warning may not give an alarm or may expand the alarm range under the following conditions:**

- A large amount of snow or ice gathers near radar sensors.
- The speed and yaw angle of the target vehicle are constantly changing in the detection area.
- To ensure maximum safety, an alarm may also be given in some low-speed target scenes.

CAUTION

- **Be careful not to impact the bumper during parking. Otherwise, the sensors in the bumper may be displaced or damaged, which may cause the system to shut down automatically or affect the system function.**
- **In order to ensure the normal operation of the system, the sensors in the bumper must be kept clean and not be covered by other objects.**
- **Only the paint approved by our company can be applied to the bumper. Other types of paint may cause limited functions or failure of the BSD.**
- **If the BSD does not work normally, turn it off immediately, and contact an authorized FAW Hongqi dealer for repair.**
- **After the BSD is repaired, it needs to be calibrated. For details, please contact an authorized FAW Hongqi dealer.**
- **The BSD is only an auxiliary reminder, and cannot completely avoid vehicle collision in blind spots. Before changing lanes, please check the rearview mirrors, give a glance to rear areas and use the turn signal lamps.**
- **Under special working conditions such as wet weather and high vehicle speed, the BSD may give false alarms or miss alarms, which are normal phenomena.**
- **When the rear BSD radar is blocked, the BSD will not work. Therefore, it needs to be cleaned in time.**
- **As the BSD is limited by physical laws and working conditions, it may not correctly recognize traffic conditions under some driving conditions. For example:**
  - In a sharp turn lane.
  - In a lane with varying width.
  - On a bumpy road in the mountain.
  - In bad weather.
  - Near some special buildings on the roadside, such as high or scattered highway guardrail.

⚠ WARNING

- **The BSD is only a driver assistance system. Do not rely on it too much. The driver must drive carefully.**
- **The driver is the primary controller of the vehicle. The BSD is only an auxiliary reminder. The driver must always have control on the vehicle and take full responsibility for the vehicle.**
- **Turn off the radar detection system when towing the vehicle or some accessories (e.g., bicycle carrier) are installed at the rear of vehicle. Otherwise, the radio waves emitted by the radar may be blocked, resulting in abnormal operation of the system.**
- **The BSD can detect targets such as vehicles, electric bicycles and bicycles, etc. If target vehicles have characteristics such as irregular shape, modification, painted surface, etc., the recognition effect cannot be guaranteed. The recognition of pedestrians, animals or other objects cannot be guaranteed too. In such cases, the driver must drive carefully.**

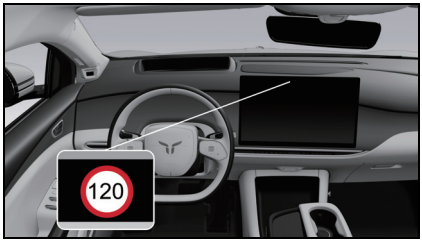
⚠ WARNING

■ **The BSD utilizes intelligent technologies that adhere to the laws of physics, and it operates within specific system limitations. Therefore, the driver should concentrate on observing road and traffic conditions to prevent accidents.**

- Be sure to adjust the vehicle speed and maintain the safe distance from the vehicle ahead based on current visibility, weather conditions, road and traffic conditions.
- Always hold the steering wheel with both hands while driving, and be ready to turn it at any time.
- Pay attention to the indicator lamps on exterior rearview mirrors and the information displayed on the multimedia display, and take appropriate actions in response to the indications.
- The BSD may react to specific roadside structures (e.g., tall or skewed guardrail) and thus give false alarms.
- Always pay attention to the road conditions and surrounding conditions of the vehicle.
- Do not use the BSD when the sensors are dirty or damaged, as this may impact the functions of the BSD.
- When the sun shines directly, the field of view of exterior rearview mirrors may be limited.
- During driving, be sure to strictly follow the instructions provided by warning lamps/indicator lamps and related text information. Otherwise, accidents are prone to occurring and serious personal injuries will be caused.

Intelligent Speed Assistance (ISA)

ISA can accurately recognize the speed limit sign and speed limit release sign ahead during driving. ISA includes speed limit information display and overspeed warning functions, which remind drivers when the vehicle exceeds the speed limit to ensure driving safety.



When the system recognizes a speed limit sign, if the vehicle speed is less than the speed limit value, the multimedia display will only display the current speed limit requirement through the indicator lamp; and if the vehicle speed is more than the speed limit value, the multimedia display will remind the driver of overspeed through sound/icon.

Enabling/disabling ISA

Enabling/disabling of ISA and its alarm mode can be set through the driver assistance settings interface of the in-vehicle infotainment system. (See P. 169)

■ **Overspeed alarm mode setting:**

- Off: Only display the current road speed limit information, when vehicle speed exceeds the speed limit value, there are no speed limit icon flashing prompt and sound alarm.
- Only visual: When vehicle speed exceeds the speed limit value, there is only speed limit icon flashing prompt without sound alarm.
- Visual + audible: When vehicle speed exceeds the speed limit value, there are speed limit icon flashing prompt and sound alarm.

■ **Adjusting or calibrating ISA**

Adjust or calibrate the ISA under the following conditions, otherwise the ISA may not work properly:

- The front windshield is damaged or replaced.
- The four wheels are aligned.

- The ADAS camera unit is replaced.

For calibration, contact an authorized FAW Hongqi dealer.

⚠ WARNING

- **ISA is only a driver assistance system. Do not rely on it too much. The driver must drive carefully.**
- **The driver is the primary controller of the vehicle, and must always have control on the vehicle and take full responsibility for the vehicle.**
- **If there is heavy snow or rain, ISA may not work properly (it may cause false or missed alarms).**
- **For scenes like strong backlighting, road reflection, insufficient ambient lighting, etc., the ISA may not work properly (it may cause false or missed alarms). The driver must drive carefully.**
- **The front windshield shall not be modified or covered by any auxiliary equipment. Otherwise, the performance of ISA may degrade or fail (it may cause false or missed alarms).**
- **If cameras are displaced due to collision, the ISA function may degrade or fail. Please calibrate the ISA in time.**
- **When the sign is not in a specified style or placed at a position that conforms to regulations, ISA will fail to recognize it properly (it may cause false or missed alarms).**
- **The actual speed limit in certain circumstances should not be affected by the instructions and warnings for the functions of ISA system, and the driver is still ultimately responsible for adhering to speed limit. As specified in Article 3.4.2.4 of Regulation (EU) 2021/1958.**

The related functions integrated in the ESC vary slightly among different vehicle models. To improve the driving safety and performance of the vehicle, the following functions will work automatically based on various driving conditions. However, remember that these functions are only for auxiliary purpose. Do not rely on them too much during driving.

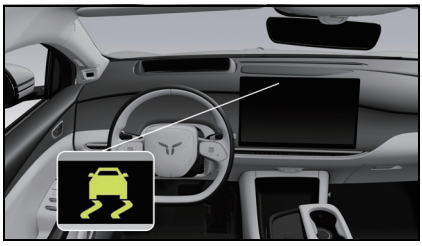
- Antilock Brake System (ABS)
  This system can prevent sideslip or pulling to one side of the vehicle due to locked wheels during driving on slippery roads or during emergency braking.
- Electronic Brakeforce Distribution (EBD)
  This system can dynamically distribute brake force proportionally between the front and rear wheels based on the change in vehicle load, road conditions and brake force, so as to improve the braking stability and maneuverability of the vehicle.
- Traction Control System (TCS)
  This system can prevent the drive wheels from slipping and ensure the acceleration performance when the vehicle starts or accelerates on a slippery road.
- Hydraulic Brake Assist (HBA)
  This system can execute the braking force compensation when the brake pedal is depressed quickly, so as to effectively increase the brake force.
- Hill Hold Control (HHC)
  When the vehicle is started on the slope, for a certain duration after the driver transitions from the brake pedal to the accelerator pedal, this function will properly maintain the brake pressure applied by the driver to prevent the vehicle from slipping.
- Electronic Stability Control (ESC)
  This system can help the driver control sideslip during sudden or slippery road turns, so as to ensure the vehicle follows the correct driving track.
- Controlled Deceleration for Parking Brake (CDP)
  When P gear button is pressed for a long time, the vehicle actively enters the deceleration state.

- AUTO HOLD
  When the vehicle is stationary, the AUTO HOLD applies the parking brake through the hydraulic system and maintains this state for a short time, and then the EPB performs parking.
- Automatic Brake Prefill (ABP)
  According to the request of the relevant control unit, the ESC actively pre-pressurizes the braking system to improve the response speed to braking.
- Brake Boost Function (BBF)
  By monitoring the brake pedal travel depressed by the driver, the vehicle provides stable brake assistance according to the driver's braking intention.
- Comfort Stop (CST)
  The vehicle avoids pitching when braking is applied, thereby increasing the smoothness and comfort of the stop.
  The CST can be turned on and off through the driving settings interface of the in-vehicle infotainment system. (See P. 166)
- Multi-Collision Brake (MCB)
  MCB can help reduce the post-collision vehicle movement and the risk of secondary collisions after an accident.
  If a collision triggers airbag deployment, the vehicle will start automatic braking and deceleration to help maintain vehicle stability and lane position. The hazard warning lamp and brake lamp also come on at the same time to warn oncoming vehicle and prevent further collisions. To support emergency rescue and vehicle recovery, the brake will be released after an accident and the brake lamp will go out.
  The vehicle will not brake automatically if any of the following conditions occurs:
  Depress the accelerator pedal, or brake force generated by depressing brake pedal is higher than that of the system; ESC, brake system, or vehicle electrical system does not work properly.

Electric Power Steering (EPS)

This system can use a motor to reduce the force required for turning the steering wheel.

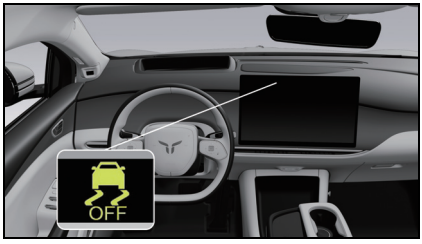
When TCS/ESC works



If the vehicle skids or the drive wheels idle, the indicator lamp will flash to indicate that the TCS/ESC is working.

Disabling ESC

If the vehicle is trapped in snow or mud, the ESC may reduce the power output from the power system to the wheels. Disabling the system can be beneficial for the vehicle to rock back and forth, aiding in getting out of the trapped situation.



The ESC can be turned on and off through the driving settings interface of the in-vehicle infotainment system. When it is turned off, the ESC off indicator lamp on the multimedia display comes on.

■ **Automatic response of ESC**

After turning off ESC/TCS and restarting the vehicle, switching driving mode, or if the vehicle speed exceeds 70 km/h, the system will be reactivated automatically.

■ **Sound and vibration generated by ABS/HBA/TCS/ESC/CDP and AUTO HOLD**

- Noises may be heard from the front compartment when the vehicle is powered on or just after the vehicle starts. This sound does not indicate a failure in these systems.
- Some normal conditions may occur during the operation of the above systems. These conditions do not indicate a fault.
  - Vibration may be felt through the vehicle body and steering wheel.
  - The motor sound may be heard when the vehicle stops.

⚠ WARNING

■ **Handling of wheels and suspension**

Faulty wheels or modified suspension can have an impact on the driver assistance system and may lead to system failure.

■ **ABS cannot work effectively under the following conditions:**

- The limits of ground grip of tires are exceeded.
- The vehicle skids when driving on slippery roads at high speed.

■ **Braking distance of ABS on special road surface**

ABS is not designed to shorten the braking distance of the vehicle. Be sure to keep a safe distance from the vehicles driving ahead under the following conditions:

- The vehicle drives on muddy, gravel or snowy roads.
- The vehicle drives with tire chains.
- The vehicle drives on bumpy roads.
- The vehicle drives on cratered or uneven roads.

■ **TCS may not work effectively under the following conditions:**

When the vehicle drives on slippery roads, even if the TCS works normally, it may not control the driving direction or meet the power requirements. Do not drive the vehicle under the condition that the vehicle may lose stability and power.

■ **When ESC is activated**

If the indicator lamp flashes, be sure to drive carefully. Otherwise, accidents may occur easily.

■ **When ESC is off**

Take special care and drive at a speed suitable for road conditions. In this case, the ESC can ensure the stability and driving force of the vehicle. If not necessary, do not turn off the ESC.

■ **Replacement of wheels**

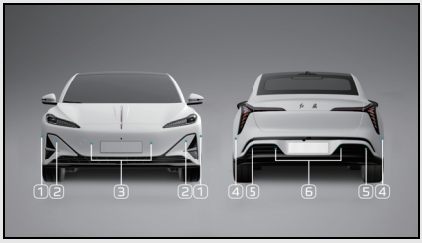
Ensure that all wheels have the same specifications, brand, tread pattern and load capacity. In addition, ensure that the tire pressure meets the requirements specified on the tire pressure label. If the vehicle is equipped with different wheels, the ABS and EPS may not work properly. For details of tire or wheel replacement, please contact an authorized FAW Hongqi dealer.

7-1. Parking control
Front and rear parking radar 272
Around View Monitor (AVM) 277

Front and rear parking radar

The front and rear parking radar system consists of a control unit and ultrasonic sensors. These sensors can measure the distance between the vehicle and obstacles. According to the change of the distance to obstacles within the detection area, the buzzer sounds at different frequencies, and at same time, the multimedia display screen displays information about the distance and orientation of the obstacle. When using the system, be sure to pay attention to the surrounding area.

■ Sensor type



1 Front side radar sensor*
2 Front corner radar sensor
3 Front central radar sensor
4 Rear side radar sensor*
5 Rear corner radar sensor
6 Rear central radar sensor

■ Turning on and off parking radar

When the vehicle is not in P position and the vehicle speed is lower than 15 km/h, the parking radar turns on automatically. When the vehicle speed is higher than 15 km/h, the parking radar turns off automatically and will only reactivate when the speed drops below 10 km/h.

The radar is configured according to the specific model.

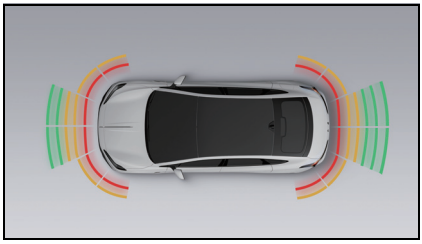
Radar setting



The radar alarm volume can be set in the sound setting of in-vehicle infotainment system. (See P. 172)

Display

■ When an obstacle is detected



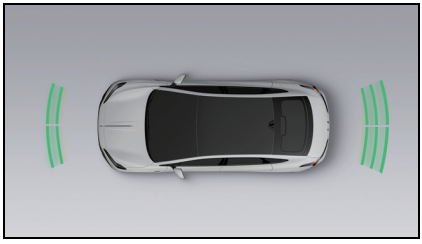
When the radar sensor detects an obstacle, corresponding image is displayed on the multimedia display according to the position and distance to the obstacle.

The slow-moving area, warning area and danger area are indicated in green, yellow and red respectively.

Obstacle distance detection

When an obstacle is detected, the color block corresponding to the sensor will continuously illuminate.

■ Parking slow-moving area information indication of central radar sensor



Front central radar sensor

Display range: The distance to the obstacle is 80 ~ 120 cm

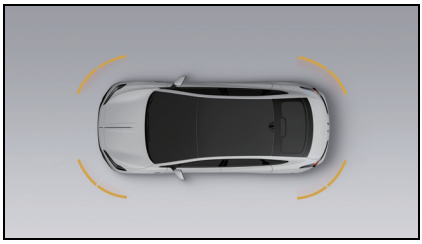
Sounding range: The distance to the obstacle is 80 ~ 100 cm

Rear central radar sensor

The distance to the obstacle is 80 ~ 150 cm

If the obstacle is detected within this range, a green indicator bar is indicated on the display, or a green indicator bar is displayed and the buzzer sounds to warn the driver.

■ Parking warning area information indication of corner radar sensor

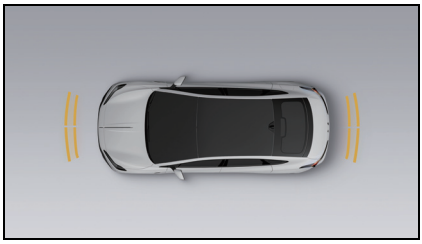


Corner radar sensor

The distance to the obstacle is 30 ~ 60 cm

If the obstacle is detected within this range, a yellow indicator bar is indicated on the display and the buzzer sounds to warn the driver.

■ Parking warning area information indication of central radar sensor

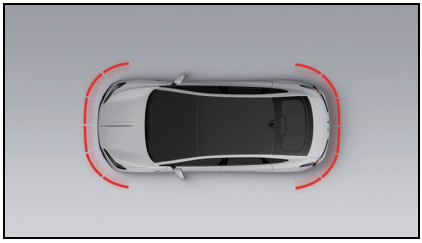


Central radar sensor

The distance to the obstacle is 30 ~ 80 cm

If the obstacle is detected within this range, a yellow indicator bar is indicated on the display and the buzzer sounds to warn the driver.

■ Parking danger area information indication of radar sensor

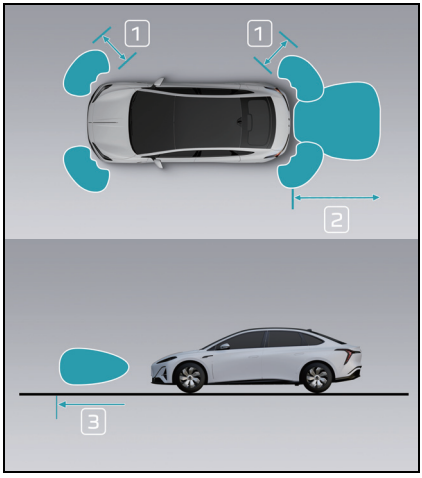


Radar sensor

The distance to the obstacle is less than 30 cm

If the obstacle is detected within this range, a red indicator bar is indicated on the display and the buzzer continuously sounds to warn the driver.

Farthest detection distance of sensors



1 About 60 cm
2 About 150 cm
3 About 120 cm

The figure shows the farthest distance detected by radar sensors. (Note: Radar sensors cannot detect obstacles that are extremely close to the vehicle.)
Depending on the shape of the obstacle, the detection range of the radar sensors may vary.

Detection information of sensors

- Certain vehicle conditions and surrounding environments may affect the sensor's ability to correctly detect obstacles. For example:
  - There is dirt, snow or ice on the sensors.
  - Sensors are obscured.
  - The vehicle is obviously tilted.
  - The vehicle is on particularly bumpy roads, slopes, gravel roads or grass.
  - There is a lot of noise in the vicinity of the vehicle, such as sounds from vehicle horns, motorcycle engines and pneumatic braking of large vehicles or other loud noises that can produce ultrasonic waves.
  - There is another vehicle equipped with parking assist sensors nearby, and the sensors are working.
  - The vehicle is equipped with a fender antenna mast or wireless antenna.
  - The vehicle is equipped with a towing eye.
  - Bumpers or sensors are strongly impacted.
  - The vehicle is approaching a high or bent curb.
  - In hot or cold weather.

  In addition to the above cases, traffic signs and other objects may sometimes be judged by sensors as being closer than their actual distance due to their specific shape.

- The shape of an obstacle may prevent the sensors from detection, especially the following obstacles.
  - Wires, fences, ropes, etc.
  - Cotton, snow and other materials that absorb radio waves.
  - Objects with sharp edges and corners.
  - Low obstacles.
  - High obstacles with the upper part extending toward the vehicle.

WARNING

Warnings for using the front and rear parking radar

To avoid accidents, please observe the following precautions:

- Do not install anything within the working range of the sensors.
- Parking radar system is only a driver assistance system. Do not rely on it too much. The driver must drive carefully. When necessary, intervene proactively to avoid danger.
- The driver is the primary controller of the vehicle, and must always have control on the vehicle and take full responsibility for the vehicle.
- When the vehicle speed is too fast, the system will exit. The driver must drive carefully.

CAUTION

Precautions for vehicle washing

Do not flush the sensors with water or steam. Otherwise, the sensors may fail.

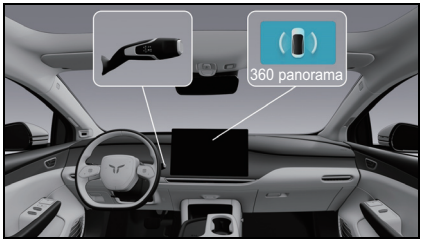
The AVM gives indications through the multimedia display screen, which is convenient for the driver to clearly view and understand the surrounding conditions of the vehicle, and at the same time judge the relative orientation and distance of obstacles, so as to achieve safe and easy parking.

The images used in this section are examples only and may differ from those actually indicated in the vehicle.

Activating and deactivating AVM

Activation

There are 5 methods to enter the AVM:



Method 1: Set the shift lever to R position to activate the AVM.
Method 2: After custom button of steering wheel is set to "Activate the AVM" in the vehicle control interface of in-vehicle infotainment system, touch custom button of steering wheel to activate the AVM. (See P. 164).

Method 3: When the vehicle speed is lower than 12 km/h, the automatic activation of AVM function is set to ON, turn on the left/right turn signal lamp to enter AVM.

Method 4: When the vehicle speed is lower than 12 km/h, turn on 360 panorama in extended application of in-vehicle infotainment system to activate the AVM.

Method 5: When the shift lever is set to D or N gear and vehicle speed is lower than 12 km/h, automatic activation of AVM function is set to ON (see P. 279), AVM is activated when system detects that the distance to the obstacle ahead is less than the set triggering distance range.

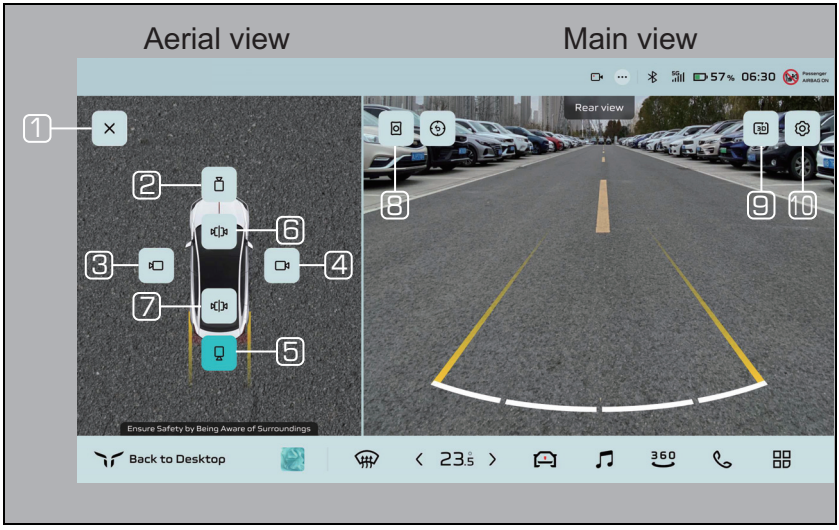
■ Deactivation

Method 1: Touch button X on the screen, or the vehicle speed exceeds 15 km/h, or set the shift lever to P position to exit AVM.

Method 2: With the AVM floating window activated, when turn signal lamp is turned off and no obstacle ahead is within the set triggering distance range, turn off AVM.

Screen modes of AVM

The AVM features several screen modes. The driver can choose the corresponding mode based on specific needs.



1 Exit button

Touch it to exit the AVM.

2 Front view

Display the front view and aerial view.

3 Left view

Display the left view and aerial view.

4 Right view

Display the right view and aerial view.

5 Rear view

Display the rear view and aerial view.

6 Front wheel side view
You can select to check the left and right wheel side views of front wheel.

7 Rear wheel side view
You can select to check the left and right wheel side views of rear wheel.

8 Rear wide-angle view
Select to view rear wide-angle view.

9 3D view button
Touch to enter 3D view.

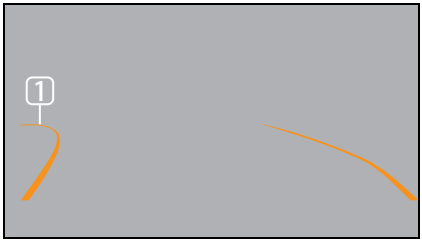
10 Setting
Transparent chassis, moving obstacle detection, etc. can be set.

- Transparent chassis: After enabled, as the vehicle moves, blind spot under the vehicle is filled with visual image to achieve the visual effect at the bottom.
- Automatic activation of AVM: You can set to activate AVM by turning on the left/right turn signal lamp when approaching an obstacle or driving at low speed.
- Low speed approach to obstacle activation distance: Low speed approach to obstacle activation distance can be set as near, medium or far.

■ When the turn signal lamps are turned on with AVM activated, the screen mode is automatically switched to the corresponding left/right view. When the turn signal lamps are turned off, the 2D view is restored, return to 2D rear view in R gear and 2D front view in non-R gear.

Parking assist line

The indication on the screen assists the driver in complete parking, and the parking guide lines are dynamically adjusted according to different angles of the vehicle.



1 Parking guide line
It represents the expected vehicle trajectory as the steering wheel rotates.

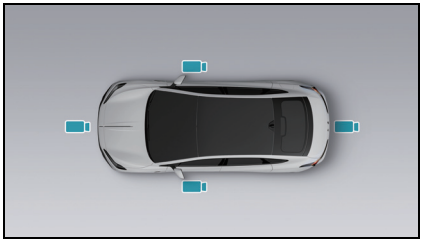
When setting the AVM self-starting function to ON

- When the shift lever is set to D position and the vehicle speed is lower than 12 km/h, if there are obstacles around the vehicle, AVM floating window interface pops up on display; When turning on turn signal lamps, image floating window interface pops up.
- After the radar image system is turned on, when the vehicle speed is higher than 15 km/h, the system will exit. When the vehicle speed is lower than 12 km/h, the radar image system will work again.

When setting the AVM self-starting function to OFF

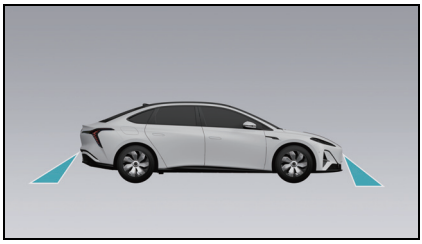
- When the shift lever is set to D position and the vehicle speed is lower than 12 km/h, if there are obstacles around the vehicle or turn signal lamps are turned on, the system will not pop up AVM interface automatically.

Around view camera



Around view cameras are installed at the front bumper, rear bumper and left and right exterior rearview mirrors respectively.

When the image cannot be spliced normally due to door opening, the corresponding area display may be misaligned. When the camera cannot transmit the image normally, the image of the corresponding area is abnormal with a prompt message.



The area that the camera can monitor is limited. Objects near the corners of the bumpers or under the bumpers are not displayed on the screen.

The area displayed on the screen may change with the vehicle direction or the road conditions.

⚠ WARNING

■ **The AVM is only a driver assistance system. Do not rely on it too much.**

- The driver is the primary controller of the vehicle, and must always have control on the vehicle and take full responsibility for the vehicle.
- Please drive carefully and visually confirm the situation around the vehicle. It is very dangerous to reverse only by observing the display screen, which may lead to accidents or collisions with objects. The AVM is only a visual auxiliary system. The image on the display screen may be different from the actual situation.

■ **When using AVM**

Please observe the following precautions to prevent serious personal injury or even death.

- Do not rely solely on the AVM when reversing.
- Visually check and confirm through the rearview mirror that the selected path is clear.
- The displayed distance between the object and the plane may be different from the actual distance.
- The aerial view of AVM can only show close objects, and the cameras will not show objects outside the field of view.
- Do not use this system when the cameras can not work normally.

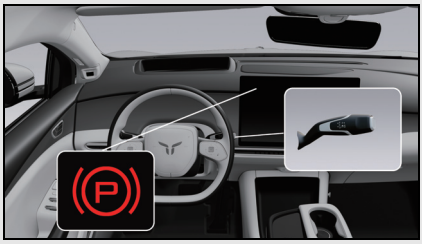
■ **Conditions affecting AVM**

- If the vehicle is hit, the position and mounting angle of the camera may change. Please contact an authorized FAW Hongqi dealer for vehicle inspection.
- If the temperature changes sharply, for example, when the vehicle is splashed with hot water in cold weather, this system may not work properly.
- If the camera is dirty, it may not transmit a clear image. Rinse it with water and wipe it clean with a soft cloth. If the camera is very dirty, clean it with neutral detergent and wipe it.
- When the system temperature is low, the displayed image may darken and the moving image may be slightly distorted.
- Under the conditions of rain, snow, fog and low visibility, the camera image may not be clear.

⚠ WARNING

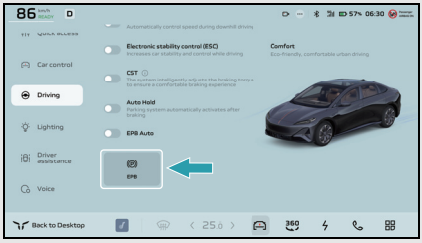
- Situations where AVM should not be used
  - On icy, slippery or snowy roads.
  - Tire chains or an emergency spare tire are used.
  - On an uneven or bended road, such as a bend or slope.
- If the tire is changed, the guide line position indicated on the display screen may deviate. For tire change, please consult an authorized FAW Hongqi dealer.
- Depending on the vehicle conditions (number of occupants, amount of luggage, etc.), the guide line position indicated on the display screen may change. Before operation, make sure to visually check the conditions behind and around the vehicle.
- When the radar sensor or around view camera fails, the radar detection results of obstacles or the camera image output may be affected. At this time, the AVM interface will display the fault icon and text prompt in the corresponding area, please contact an authorized FAW Hongqi dealer to inspect and repair the vehicle.

8-1. Parking assist
Electronic Parking Brake (EPB) 286
AUTO HOLD 288
8-2. Get-off
Door opening safety warning 290



Automatic application/release of EPB

Depress the brake pedal, and set the shift lever to P position, so the EPB is automatically applied; set the shift lever from P to D/R position to automatically release the EPB.



Manually application/release of EPB

Method 1: Manually apply or release EPB function through the driving settings interface of the in-vehicle infotainment system. (See P. 166)

Method 2: When the vehicle power supply is set to OFF mode, long press P position button for more than 1 second to apply EPB manually.

■ **Other features of EPB**

- HHC: The driver fastens the seat belt and closes the door. Before starting the vehicle, if the EPB is applied manually, the system will automatically release the EPB according to the torque balance principle, so that the vehicle will not slip down the slope and start smoothly.
- CDP: When the vehicle is running, long press P position button, so the vehicle will brake until it stops.

■ **Auto EPB on power-off**

When the driver stops the vehicle and turns off vehicle power supply, the EPB is automatically applied. The auto EPB on power-off can be turned on and off through the driving settings interface of the in-vehicle infotainment system. (See P. 166)

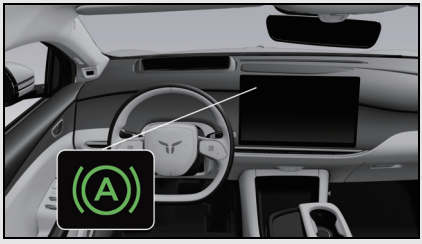
CAUTION

■ **Precautions before driving**

- Release the EPB completely before driving. In case of failure (e.g., electrical failure), the rear brake disc locked by the EPB can only be unlocked by mechanical method. It is recommended that you contact an authorized FAW Hongqi dealer for handling.
- When the EPB is not released, the red indicator lamp (Ⓟ) is on. Driving the vehicle at this time will cause the brake components to overheat, thus affecting the braking performance and aggravating the brake wear.

AUTO HOLD

In the AUTO HOLD ready state, depress the brake pedal deeply again after the vehicle is stopped or directly depress the brake pedal deeply until the vehicle stops so as to the activate AUTO HOLD. At this time, the vehicle will hold the brake when the brake pedal is released. When the brake pedal or accelerator pedal is depressed with the gear in D/R, the AUTO HOLD will be deactivated by the system.



When the AUTO HOLD is activated, the AUTO HOLD indicator lamp of the multimedia display comes on.

■ Turning on and off AUTO HOLD

The AUTO HOLD can be turned on and off through the driving settings interface of the in-vehicle infotainment system. (See P. 166)

■ **AUTO HOLD function**

- AUTO HOLD can also serve as a Hill Hold Control (HHC) function. However, on steep slopes, the AUTO HOLD may not stop the vehicle. In this case, it is necessary to apply the brake manually.
- After the AUTO HOLD is activated for a period of time, the EPB will take over the AUTO HOLD.

■ **Operating conditions of AUTO HOLD**

- The driver's door is closed.
- The driver has fastened the seat belt.
- The AUTO HOLD function in the in-vehicle infotainment system is set to on.
- Depress the brake pedal deeply again after the vehicle is stopped; or directly depress the brake pedal deeply until the vehicle stops and then release the brake pedal.

WARNING

■ **Parking on slippery roads**

The AUTO HOLD does not prevent the vehicle from moving if the ground grip of the tires is exceeded. Do not use this system on slippery roads.

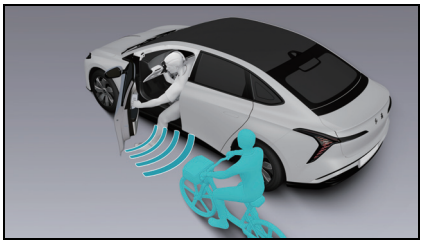
CAUTION

■ **When parking**

The AUTO HOLD cannot be used for long-term parking. If the vehicle needs to be parked for a long time, please apply the EPB.

Door opening safety warning

The system assesses the risk by considering the relative position, relative speed and relative acceleration of the vehicle to the side and rear oncoming vehicles, as well as the door opening intention of the driver and passengers. If there is danger in opening the doors at this time, the driver will be prompted by audible and visual alarms.



When the shift lever is not set to R position and the vehicle speed is 0~3 km/h, if another vehicle approaches within 2.5 m laterally and 50 m longitudinally behind the vehicle and the door unlocks, exterior rearview mirror warning indicator lamp on the corresponding side will come on, and the multimedia display will display a warning message. At this time, when the door is opened, exterior rearview mirror warning indicator lamp on the corresponding side and door ambient lamp on the corresponding side will come on, and the system will issue a warning sound simultaneously to remind the driver that there is a danger when opening the door. When the vehicle speed is greater than 5 km/h, the function is turned off.

Turn ON/OFF the door opening safety warning function

The door opening safety warning function can be turned on and off through the driving assistance interface of the in-vehicle infotainment system. (See P. 169)

■ The door opening safety warning may not give an alarm or may expand the alarm range under the following conditions:

- A large amount of snow or ice gathers near radar sensors.
- There are fixed obstacles on the roadside (e.g., tunnel wall, cement barrier of viaduct, metal billboard, etc.).

⚠ WARNING

- **The door opening safety warning function is only a driver assistance system. Do not rely on it too much. The driver must drive carefully.**
- **The driver is the primary controller of the vehicle. The door opening warning system is only an auxiliary reminder. The driver must always have control of the vehicle and take full responsibility for the vehicle.**
- **Turn off the radar detection system when towing the vehicle or some accessories (e.g., bicycle carrier) are installed at the rear of vehicle. Otherwise, the radio waves emitted by the radar may be blocked, resulting in abnormal operation of the system.**
- **The door opening safety warning function can detect targets such as vehicles, electric bicycles and bicycles, etc. If target vehicles have characteristics of irregular shape, modification, painted surface, etc., the recognition effect cannot be guaranteed. The recognition of pedestrians, animals or other objects cannot be guaranteed too. At this time, the driver must drive carefully.**

CAUTION

- **Be careful not to impact the rear bumper during parking. Otherwise, the sensors in the bumper may be displaced or damaged, which may cause the system to shut down automatically or affect the system function.**
- **In order to ensure the normal operation of the system, the sensors in the bumper must be kept clean and not be covered by other objects.**
- **Only the paint approved by our company can be applied to the rear bumper. Other kinds of paint may cause limited functions or failure of the system.**
- **If this system does not work normally, please turn it off immediately, and contact an authorized FAW Hongqi dealer for repair.**
- **After the components related to door opening safety warning function are repaired, calibration is required. For details, please contact an authorized FAW Hongqi dealer.**
- **The door opening safety warning function is only an auxiliary reminder, and cannot completely avoid vehicle collision. Before opening the door and getting off, please check the rearview mirrors and give a glance to rear areas.**
- **Under special working conditions such as wet weather, the door opening safety warning function may give false alarms or miss alarms, which are normal phenomena.**
- **When the rear radar is blocked, the system will not work. Therefore, it needs to be cleaned in time.**

Fault and emergency handling 9

9-1. Important information

Hazard warning lamp 294

SOS alarm 295

9-2. Countermeasures in case of an emergency

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If the key fails to work normally 303

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If vehicle gets trapped 312

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If you have a burst tire 315

Emergency opening of trunk lid 316

Hazard warning lamp

When the vehicle breaks down, please stop by the roadside and turn on the hazard warning lamp. If the vehicle cannot be moved due to breakdown, please turn on the hazard warning lamp and place a warning triangle behind the vehicle. If necessary, please wear a reflective vest.



Press the hazard warning lamp switch to make all turn signal lamps flash; press it again to turn off the hazard warning lamp.

⚠ CAUTION

■ **Preventing a low 12 V battery**

When the vehicle power supply is not turned on, if it is not necessary to use the hazard warning lamp, turn it off.

SOS alarm

If you need help in an emergency, press and hold the SOS alarm switch for more than 3 seconds. The emergency rescue call will initiate, and the SOS lamp will change from on to flashing. After receiving your call for help, the service center will arrange proper rescue service.



SOS alarm switch is located at the front interior lamp.

⚠ CAUTION

■ **Please use the SOS alarm switch when needed.**

If the vehicle needs to be towed

If the vehicle needs to be towed, FAW suggests that a flatbed truck is used and the towing is handled by an authorized FAW Hongqi dealer or a professional rescue company. It is strictly prohibited to tow the vehicle in P position.

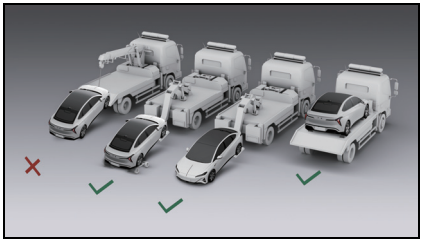
During the towing process, safety chains shall be used and all laws and regulations of the country shall be complied with.

Before towing

If the following conditions occur, the drivetrain may be faulty. Please contact an authorized FAW Hongqi dealer before towing the vehicle.

- The power system is running normally, but the vehicle cannot move.
- The vehicle has abnormal noise or vibration.

It is strictly forbidden to use a sling-type truck for towing



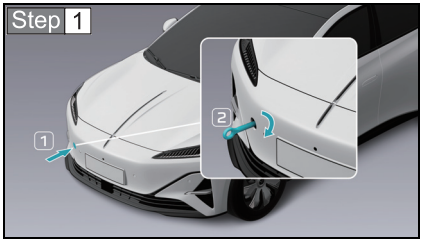
- Do not use a sling-type truck for towing, as it may cause damage to the vehicle body.
- When towing from the front with a wheel-lift type truck, place the towing dolly under the rear wheels.
- When towing from the rear with a wheel-lift type truck, the front wheels and suspension of the vehicle must be in good condition.
- During towing with a flatbed truck, apply the EPB, turn off the vehicle power supply. Use wedges under 4 wheels to prevent the vehicle from moving.

Emergency towing

If the carrier tow truck cannot be found in an emergency, fasten the towing cable or towing chain to the towing eye and set the shift lever to N position to temporarily tow the vehicle. This method can only be used for forward towing at low speed (⩽ 50 km/h) and short distance (⩽ 50 km) on hard pavement.

The driver must sit in the vehicle and control the steering wheel and brake pedal. The wheels, drivetrain, steering wheel and brakes must be in good condition.

Emergency towing steps



1 Press the left side of towing eye hole cover to detach the towing eye hole cover.
2 Insert the towing eye into the hole and tighten it slightly by hand.

Step 2 Tighten the towing eye with the auxiliary tool.

Step 3 Secure the towing cable or towing chain firmly to the towing eye.
Be careful not to damage the vehicle body.

Step 4 Enter the vehicle being towed and start the vehicle.
If the vehicle cannot start, turn the vehicle power supply to ON mode.

Step 5 Set the shift lever to N position.

Towing

- If the power system does not work, the power assist for the brakes and steering wheel will not work, making steering and braking more difficult.
- If the shift lever cannot be set to N position, do not carry out emergency towing. Otherwise, the vehicle may be damaged during towing.

Towing a trailer

FAW recommends that you do not use the vehicle to tow a trailer, or install any towing equipment or tow any wheelchair, scooter, bicycle, etc. using the

towing equipment. The vehicle is not designed for towing any trailer or as a mounting carrier of towing equipment.

■ **Towing eye**

Towing eye is stored in the front compartment storage box. (See P. 300)

⚠ WARNING

Please observe the following precautions. Failure to do so may result in serious personal injury or even death.

■ **When towing**

Be sure to transport the vehicle with all drive wheels off the ground.

If the vehicle is towed with the drive wheels touching the ground, the drivetrain and related parts may be damaged.

■ **Towing**

- For towing with ropes, the tow truck starts only when the ropes are tightened, and the ropes must be kept tightened all the time during towing. Otherwise, excessive pulling force will be generated on the towing eye and ropes, resulting in damage to the towing eye or ropes and personal injury.
- Do not turn the vehicle power supply to OFF mode. The steering wheel may be locked and inoperable.

■ **Installation of towing eye on the vehicle**

Ensure that the towing eye is securely installed. Otherwise, the towing eye may loosen during towing, which may cause accidents.

⚠ CAUTION

■ **During towing with a wheel-lift type truck, prevent damage to the vehicle.**

When the vehicle is lifted, make sure that there is enough ground clearance at the end resting on the ground for towing. Otherwise, the vehicle may be damaged during towing.

■ **During towing with a sling-type truck, prevent damage to the vehicle.**

Regardless of towing at the front or rear of the vehicle, do not use a sling-type truck.

■ **During towing with a flatbed truck, prevent damage to the vehicle.**

- Do not pass the wedges. Otherwise, the tires may be damaged.
- Do not tie other parts (such as suspension) except for tires.

If the vehicle is found to be abnormal

If any of the following symptoms are found, the vehicle may need to be adjusted or repaired. Please contact an authorized FAW Hongqi dealer as soon as possible.

■ Visible symptoms
- There is a liquid leaked under the vehicle.
  (It is normal for the A/C to drip water after use)
- Flat tire or uneven tire wear.
- Continuously and abnormally high coolant temperature.

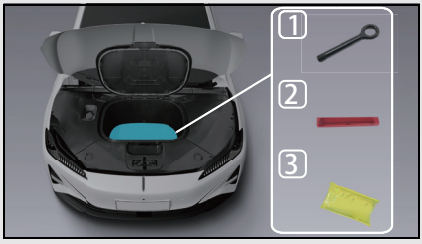
■ Audible symptoms
- Excessive tire noise during turning.
- Abnormal noise related to suspension system.
- Noise related to power system.

■ Operation symptoms
- Noticeable decrease in power.
- The vehicle pulls to one side seriously during braking.
- The vehicle pulls to one side seriously during driving on a flat road.
- The brake system malfunctions, or the brake pedal feels soft and nearly reaches the floor.

If you have a flat tire

If you have a flat tire, stop the vehicle safely, turn on the hazard warning lamp, place the warning triangle at an appropriate distance behind the vehicle (at least 150 m on the highway, 50-100 m on regular roads). Please contact an authorized FAW Hongqi dealer after all occupants have moved to a safe area.

■ Driver's tool



1 Towing eye
2 Warning triangle
3 Reflective vest

⚠ WARNING

■ **Do not drive the vehicle with flat tires**

- Do not continue driving the vehicle when any tire leaks.
- Otherwise, even if the driving distance is short, tires and the vehicle may be damaged, which will lead to unfeasible repair and even cause traffic accidents.

■ After a tire deflates

- Park the vehicle on a solid and level road.
- Set the shift lever to P position.
- Vehicle power supply is set to OFF mode.
- Turn on the hazard warning lamp and place the warning triangle.

⚠ CAUTION

■ **Pay attention to the surrounding environment to avoid accidents.**

If the power system cannot start

If the power system cannot start even after correct start steps are performed (see P. 205), consider the following reasons.

■ Even if correct start steps are followed, the power system cannot start.

The failure may be caused by one of the following conditions:

- The vehicle's power battery is low.
- Key may not work properly.
- The gear control system may be faulty.
- An electrical failure (e.g., depleted smart key battery or blown fuse) can cause an power system failure. However, emergency starting procedures can be used according to the fault type.
- The immobilizer system may be faulty. (See P. 62)

■ Interior lamps and headlamps are dim, or horns do not sound or sound with low volume.

The failure may be caused by one of the following conditions:

- The 12 V battery is low or depleted. (See P. 305)
- The terminals of the 12 V battery may be loose or corroded.

■ The interior lamps and headlamps do not come on, or the horn does not sound

The failure may be caused by one of the following conditions:

- The terminals of the 12 V battery may be disconnected.
- The 12 V battery may have run out of power.

If the faults cannot be eliminated or the maintenance steps are unclear, please contact an authorized FAW Hongqi dealer.

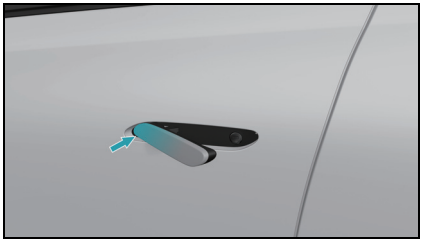
If the key is lost

If the key is lost or stolen, please provide the remaining keys to an authorized FAW Hongqi dealer as soon as possible. After the keys are re-matched, the lost or stolen key will become invalid. Unauthorized modification or non-genuine spare parts may lead to system failure.

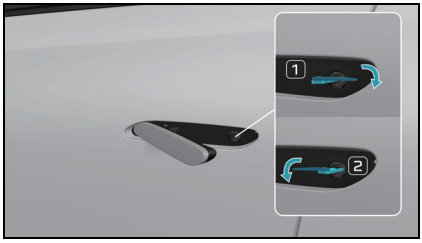
If the key fails to work normally

If communication between the key and the vehicle is interrupted (see P. 105), or the smart card key is lost or the smart key cannot be used due to low battery, the PEPS and wireless remote control will be invalid. At this time, follow the steps below to open the doors or start the power system.

Locking and unlocking the doors



Press the front part of driver's door handle to lift it.



Hold the door handle, lock and unlock the door with a mechanical key.

1 Locking the door

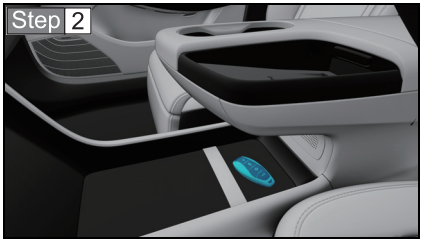
2 Unlocking the door

Backup start mode*

When the smart key battery is low, the backup start mode should be used.

Step 1 Depress the brake pedal.

At this time, the multimedia display will prompt that the key cannot be recognized.



Place the smart key in the storage box.

Step 3 Depress the brake pedal to start the power system.

If the power system still cannot start, please contact an authorized FAW Hongqi dealer.

■ **Replacing smart key battery**

If the smart key battery is low, replace it in time. (See P. 354)

If 12 V battery power is low

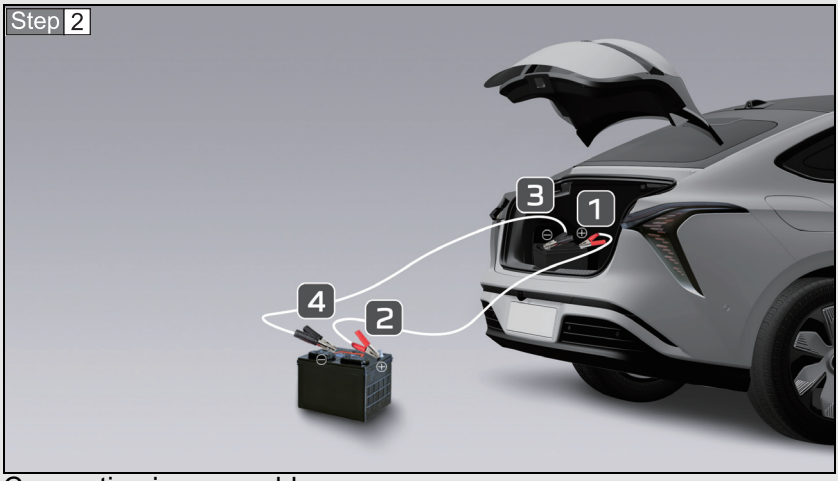
If 12 V battery power is low, the following measures can be used to start the power system.

You can contact an authorized FAW Hongqi dealer or a professional repair shop.

If you have a set of jumper cables (or auxiliary cables) and another vehicle with a 12 V battery, you can jump start your vehicle according to the following steps.

Step 1 Remove the 12 V battery trim panel and positive terminal cover.

Step 2



Connecting jumper cables.

1 Connect to the 12 V battery positive (+) terminal of your vehicle.

2 Connect to the 12 V battery positive (+) terminal of the other vehicle.

3 Connect to the 12 V battery negative (-) terminal of the other vehicle.

4 Connect to the 12 V battery negative (-) terminal of your vehicle.

Step 3 Start another vehicle and keep it running for about 5 minutes to recharge the 12 V battery of your vehicle.

Step 4 Keep another vehicle running, and then turn the power supply of your vehicle to ON mode.

Step 5 Remove the jumper cables in the reverse order of connection once the vehicle is started successfully.

Once the vehicle is started, drive it to an authorized FAW Hongqi dealer for inspection as soon as possible.

■ **Charging the 12 V battery**

Due to natural discharge and the consumption of certain electrical equipment, the power stored in the 12 V battery gradually depletes even when the vehicle is not in use. If the vehicle is not in use for a long time, the 12 V battery may be depleted and the vehicle may fail to start. (After the vehicle starts, the 12 V battery is charged automatically)

■ **Replacing 12 V battery**

Use the 12 V battery that meets the manufacturer's standards.

⚠ CAUTION

■ **Handling jumper cables**

- Only use a 12 V auxiliary battery.

⚠ WARNING

■ **Removing 12 V battery terminals**

- Be sure to disconnect the negative (-) terminal first. If the positive (+) terminal is removed and it touches any metal in the surrounding area, it may spark and cause a fire, possibly an electric shock, resulting in serious injury or even death.

■ **Once the vehicle is started after charging, drive it to an authorized FAW Hongqi dealer for inspection as soon as possible.**

■ **Preventing fire or explosion of 12 V battery**

The 12 V battery may release flammable gases, therefore, be sure to observe the following precautions to avoid accidental ignition of flammable gas:

- Make sure that the jumper cables are connected to the correct terminals and will not accidentally touch any terminals other than the correct ones.
- Do not let the other end of the jumper cable connected to the "+" terminal touch any other part or metal surface in this area, such as bracket or unpainted metal.
- Do not let the "+" and "-" clamps of the jumper cable contact with each other.
- Do not use any open flames, smoke or use matches or lighters near the 12 V battery.
- Please pay attention when connecting the negative cable to the vehicle. Sparks may be generated when connecting the second jumper cable. Sparks may cause gas explosion near the battery and cause personal injury.

⚠ WARNING

■ Precautions for 12 V battery

The 12 V battery contains toxic and corrosive acidic electrolytes. Therefore, be sure to observe the following precautions when handling the 12 V battery:

- Always wear goggles when handling the 12 V battery and be careful not to let any 12 V battery electrolyte come into contact with your skin and clothing or vehicle body.
- Do not lean over the 12 V battery.
- If the 12 V battery electrolyte comes into contact with your skin or eyes, rinse the affected area immediately with water and seek medical attention. Cover the contact area with a damp sponge or a piece of damp cloth until you see a doctor.
- Always wash your hands after handling the 12 V battery bracket, terminals, and other 12 V battery-related parts.
- Keep children away from the 12 V battery.
- When arranging jumper cables, it should be kept away from moving parts. It is dangerous to connect jumper cables to the moving parts (such as cooling fan) or the surroundings. When the vehicle starts, the cable may become entangled, leading to serious personal injury.
- If the battery is aging and continues use may cause the battery to emit foul odor gas, which may endanger the health of passengers. Please contact an authorized FAW Hongqi dealer to check the battery as soon as possible.

If your vehicle overheats

The vehicle may be overheated under the following conditions.

- The alarm for high coolant temperature is issued or a decrease in power is felt.
- Steam comes out beneath the front compartment cover.

■ Countermeasures

Step 1 Park the vehicle in a safe place and turn off the A/C system.

Step 2 Check whether steam comes out from beneath the front compartment cover.

If steam comes out:

Turn off the vehicle power supply. After steam dissipates, carefully lift the front compartment cover and restart the vehicle power supply.

If steam does not come out:

Keep the vehicle power supply on, and carefully lift the front compartment cover.

Step 3 Check whether the cooling fan is operating.

If the fan runs:

Wait until the coolant temperature begins to drop, and turn off the vehicle power supply.

If the fan does not run:

Turn off the vehicle power supply, and contact an authorized FAW Hongqi dealer.

Step 4 After the system is cooled sufficiently, check the coolant level, and check the cooling system for leakage.

Step 5 Add coolant if necessary. (See P. 337)

If there is no coolant in case of emergency, contact an authorized FAW Hongqi dealer.

⚠ WARNING

■ **Precautions for inspection:**

When opening the front compartment cover for inspection, be sure to observe the following precautions to avoid accidents or personal injuries.

- If steam comes out beneath the front compartment cover, do not open the front compartment cover before steam dissipates. The vehicle may be very hot, resulting in serious injuries such as scalding.
- When the vehicle is powered on, do not approach the fan.
- When the power system and radiator are hot, do not loosen the coolant filler cap. Otherwise hot coolant and steam may be released under pressure, resulting in serious scalding and other injuries.

⚠ CAUTION

■ **Adding coolant**

Add coolant slowly after the power system is cooled sufficiently. If cold coolant is added too quickly when the power system is hot, the power system will be damaged.

■ **Preventing damage to cooling system**

Please observe the following precautions:

- Prevent foreign matters (such as sand or dust) from entering into coolant.
- Do not use any coolant additives.

If an electrical fire occurs

If an electrical fire occurs, please follow the following operations and contact an authorized FAW Hongqi dealer as soon as possible.

- Protect yourself and do not inhale smoke.
- Call for help.
- Carbon dioxide fire extinguisher or foam fire extinguisher should be used when extinguishing fires on electrical equipment.
- Do not use a carbon dioxide fire extinguisher to extinguish fires on individuals, as there is a risk of suffocation.

If vehicle gets trapped

In case of wheel idling or trapping in mud or snow, perform the following operations.

Step 1 Set the shift lever to P position and turn off the vehicle power supply.

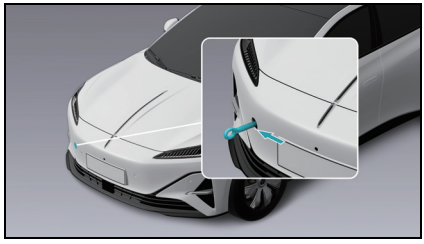
Step 2 Remove mud, snow or sand around the trapped tires.

Step 3 Place wooden blocks, stones or other materials under all tires to help increase the ground grip of the tires.

Step 4 Vehicle power supply is set to ON mode.

Step 5 Set the shift lever to D or R position, and depress the accelerator pedal carefully to drive the vehicle out of the trap.

Emergency towing



- If the vehicle is trapped or immobile, the towing eye can be used to tie the towing cable or chain to another vehicle to tow the vehicle in an emergency.
- For details, refer to "If the vehicle needs to be towed" in this chapter. (See P. 296)
- It is not recommended to tow other vehicles with your vehicle.

⚠ WARNING

Driving the vehicle out of the trap

If the vehicle is driven out of the trap by pushing the vehicle from the front and rear, make sure that the surrounding area is spacious and unimpeded to avoid colliding with other vehicles, objects or people. When the vehicle is to be driven out of the trap, it may suddenly rush forward or backward, so extra care shall be taken.

When operating the shift lever

Do not depress the accelerator pedal during gear shifting, otherwise the vehicle may accelerate suddenly, resulting in a serious accident.

CAUTION

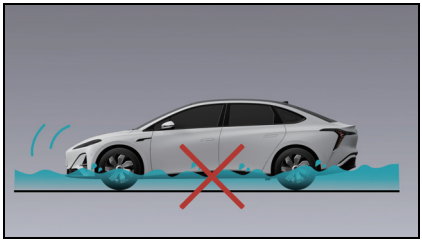
■ **Preventing damage to components**

- If the vehicle still cannot get out of the trap after several attempts, it is required to seek the assistance of a tow truck.

If driving on water-logged road

In case of accidental driving on a water-logged road and water entry, contact an authorized FAW Hongqi dealer for the following inspections:

- Check the braking efficiency of brakes.
- Check the oil level and quality of the reducer (if the lubricating oil appears milky, it indicates water contamination and should be replaced).
- Check the lubrication of the drive shaft, bearings, joints, etc.



In case of driving on a water-logged road, it is easy to cause power system malfunction, short circuit of electrical components, and water ingress are likely to occur. Please do not attempt to turn on the vehicle power supply after the power system has shut down, otherwise it may cause serious damage to the power system.

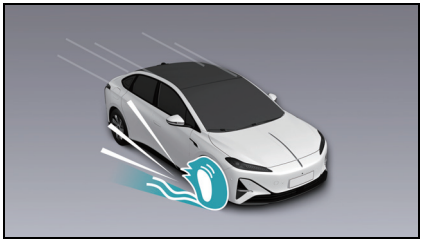
If you have a burst tire

In the event of tire burst or rupture during driving, keep calm.

Hold the steering wheel firmly and depress the brake pedal slowly to decelerate the vehicle. If you perform emergency braking or turn the steering wheel sharply, you are prone to lose control of the vehicle.

Please determine if it is caused by tire burst or rupture under the following conditions:

- Steering wheel jitter.
- Abnormal vehicle vibration.
- Abnormal vehicle inclination.

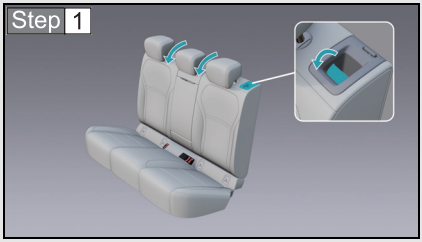


Do not drive with a flat tire.

Driving with a flat tire is so dangerous that accidents are likely to occur. In addition, tires, rims, suspensions and body will be damaged. In this case, replace the tires promptly or contact an authorized FAW Hongqi dealer.

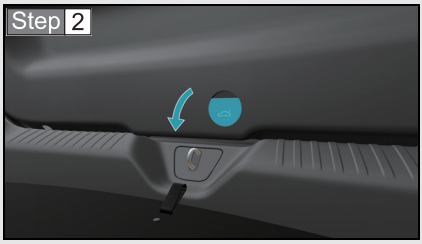
Emergency opening of trunk lid

The following steps can be taken as emergency measures to ensure that the trunk lid can be opened.



Pull the release handles on the left and right sides of rear seat to fold down the seat back.

Fold down the rear seat to expose the emergency unlocking cover.



Open the emergency unlocking cover.



Push the trunk lid unlocking switch to open the trunk lid.

WARNING

■ **When opening or closing the trunk lid manually in an emergency, be careful to prevent injuries.**

- Do not allow children or persons in need of assistance to operate the vehicle alone, otherwise they may be trapped in the vehicle or trunk and cannot safely leave or perform self-rescue in the event of an emergency.
- With seasonal changes, the temperature in the locked vehicle may be very high or low, therefore, occupants especially children are prone to injury or illness and even death.
- When opening or closing the trunk lid, take special care to ensure that there is no person between the trunk lid and the vehicle body.

CAUTION

■ **Preventing damage to vehicle**

When opening or closing the trunk lid in an emergency, be careful during removal and refitting of the parts, to avoid damaging the vehicle.

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Cleaning and protecting exterior trims of vehicle

The following operations help to protect the exterior trims of the vehicle and keep them in the best condition:

- Rinse the body, wheelhouse and underbody with plenty of water from top to bottom to remove dirt and dust.
- Wipe the body with a sponge or a piece of soft cloth (such as suede cloth).
- Clean the part with the traces that are difficult to remove using detergents and rinse it thoroughly with water.
- Remove water.
- In case of aging of the waterproof coating, wax the vehicle body.

Make sure that the surface of the body is clean and free of water droplets and the body is cooled before waxing the body.

■ **Automatic vehicle washing**

- Fold the exterior rearview mirrors before washing the vehicle. Rinse the front part of the vehicle first. Be sure to unfold the exterior rearview mirrors before driving.
- The brushes used at the automatic washing station may scratch the surface of the vehicle and damage the paint.

■ **High-pressure vehicle washing**

- Do not place the nozzle for vehicle washing too close to the window.
- Before vehicle washing, check that the charging port cover is properly closed.

■ **Aluminum wheels**

- Immediately remove any adhered dirt using a neutral detergent. Do not use hard brushes or abrasive detergents. Do not use highly corrosive or strong detergents.
- Do not wash the wheels with detergent when they are very hot (e.g. after driving for long distance in hot weather).
- After washing the wheels with detergent, rinse them immediately.

■ **Bumper**

Do not scrub the bumper with abrasive detergent.

⚠ WARNING

■ **Washing vehicle**

Do not rinse the interior of the front compartment with water, otherwise the electrical components may be short-circuited, possibly resulting in a fire.

⚠ CAUTION

■ **Preventing aging of body and body paint and corrosion of body and components (such as aluminum wheels)**

- Wash the vehicle immediately after the following conditions occur:
  - After driving by the seaside
  - After driving on salt-alkali roads
  - If coal tar or tree sap is present on the paint surface
  - If dead insects, insect droppings or bird droppings are present on the paint surface
  - After driving in areas contaminated with coal ash, oil fumes, mineral dust, iron dust or chemical substances
  - When there is severe dust or mud buildup on the vehicle
  - When liquids such as benzene and gasoline splashed on the paintwork
- Repair the paint promptly in case of peeling-off or scratch.
- To prevent the wheels from corrosion, remove dirt from them and store them in a place with low humidity.

■ **Cleaning the standing logo**

Wipe the standing logo on the front compartment cover with clean water or neutral cleaner. Do not wash the logo with alcohol or alcohol-containing liquid, phenol, anisole and other organic solvents, otherwise the logo is prone to crack.

■ **Cleaning the lamp**

- Be careful when cleaning the lamp. Do not use organic cleaners or hard brushes to clean the lamp, otherwise the lamp surface may be damaged.
- Do not wax the lamp surface, otherwise the lamp shade may be damaged.

Cleaning and protecting interior trims of vehicle

The following operations help to protect the interior trims of the vehicle and keep them in the best condition:

■ Protecting interior trims of vehicle

Remove dirt and dust with a vacuum cleaner. Dampen a piece of cloth with warm water and wipe the dirty surface.

■ Cleaning leather part

- Remove dirt and dust with a vacuum cleaner.
- Dampen a piece of soft cloth with diluted detergent and wipe off the remaining dirt and dust through wiping.
  Use a neutral wool detergent solution with a diluted concentration of about 5%.
- Wring the damp cloth and wipe off the residual detergent thoroughly.
- Wipe off any residual moisture on the surface with a piece of dry soft cloth, and dry the leather in a cool and ventilated place.

■ Cleaning artificial leather part

- Remove floating dust with a vacuum cleaner.
- Apply neutral soapy solution to the artificial leather part.
- Soak the artificial leather part in the soapy solution for a few minutes, and wipe off the dirt and soapy solution with a piece of clean damp cloth.

■ Cleaning wooden part

- Gently wipe off the dust on the surface of wooden trims using cotton gauze.
- Gently wipe off the dirt on the surface of wooden trims using cotton gauze wet with a little neutral soapy solution.

■ **Maintaining leather part**

It is recommended that you clean the interior trims at least twice a year to maintain their quality.

■ **Maintaining wooden part**

It is recommended that you maintain the surface of wooden part at any time according to their condition.

Cleaning carpet

Clean the carpet with a proper foam cleaner available in the market. Apply the foam with a sponge or brush, scrub the carpet in overlapping circular motions, do not add water, and keep the carpet as dry as possible to achieve the best effect.

Seat belt

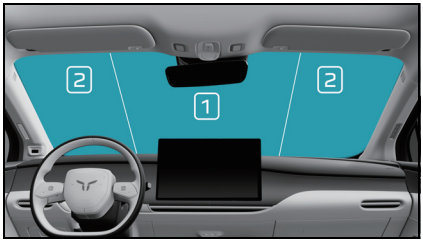
Clean the seat belt using a piece of cloth or sponge wet with neutral cleaner and lukewarm water. Regularly check the seat belt for excessive wear, damage or scratches.

⚠ WARNING

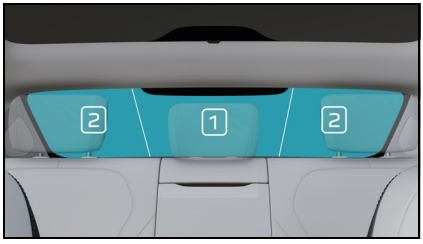
Preventing entry of water into vehicle

- Do not spill liquids into the interior of the vehicle, otherwise it may cause malfunctions or fires in electrical components.
- Do not let the airbag components or wires in the vehicle get wet, otherwise accidental deployment or malfunction of the airbag may be caused, resulting in serious injury or even death.
- When applying film to glass (including the front and rear windshields and side door glasses, etc.) or cleaning the interior trim, pay special attention to preventing water from entering the gap between the glass and the interior trim panel, otherwise the electronic components in the vehicle are prone to damage, resulting in vehicle fault.

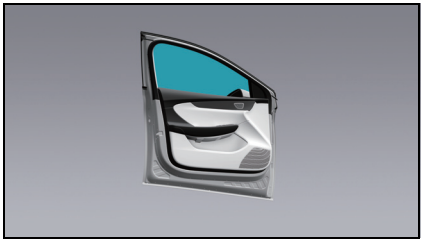
WARNING



- When applying film to the front windshield or cleaning it, the spray water volume is less than 300 mL for the area 1 and less than 150 mL for the area 2.



- When applying film to the rear windshield or cleaning it, the spray water volume is less than 200 mL for the area 1 and less than 100 mL for the area 2.



- When applying film to the adjustable window glass or cleaning it, the spray water volume is less than 200 mL.

It is recommended to use a towel to block the gap between the glass and the interior trim panel and wipe water upward as much as possible when applying the film.

■ **Cleaning interior trims (especially instrument panel)**

Do not use polishing wax or polishing cleaner, otherwise the instrument panel may reflect light on the windshield, which obstructs the driver's visibility, causing serious injury or even death.

⚠ CAUTION

■ **Cleaner**

- Do not use the following cleaners, otherwise the interior trims may be discolored or the paintwork may be streaked or damaged:

  Organic substances such as benzene or gasoline, alkaline or acidic solutions, dyes and bleaches, etc.
- Do not use polishing wax or polishing cleaner, otherwise the paintwork of the instrument panel or other interior parts may be damaged.

■ **Preventing damage to leather surface**

To prevent damage and aging of the leather surface, please observe the following precautions:

- Wipe off the dust and dirt on the leather surface in time.
- Do not expose the vehicle to direct sunlight for a long time. Park the vehicle in a cool place, especially in summer.
- Do not place polyethylene, plastic or waxy articles on the leather trim, as they may stick to the leather surface when the interior temperature increases significantly.
- If too much moisture remains on the seat surface, the leather will be hardened, shrunk or deformed.

■ **Preventing entry of water into floor**

Do not clean the floor with water.
If the electrical components under the floor come into contact with water, the electrical system may be damaged, and the body may be rusted.

■ **Cleaning inner side of rear windshield**

- Do not clean the rear windshield with glass cleaner, otherwise its defogger heating wires may be damaged. Dampen a piece of cloth with warm water and gently wipe the rear windshield in a direction parallel to the heating wires.
- Be careful not to scratch or damage the heating wires.

Precautions for maintenance

To ensure the driving safety and economy, routine and regular maintenance are crucial.
As recommend by FAW, you should take the following maintenance measures:

■ Regular maintenance

- Perform regular maintenance on the vehicle according to the maintenance schedule.

  The maintenance intervals are determined according to the mileage or time interval (whichever comes first) in the maintenance schedule.

  It is recommended to perform maintenance items even if the specified maintenance mileage or interval has been exceeded.

- Where can you have your vehicle maintained?

  An authorized FAW Hongqi dealer is the most ideal service provider for maintenance.

  The authorized FAW Hongqi dealer has advanced maintenance tools, equipment and genuine spare parts for the maintenance and service of your vehicle, and all after-sales service personnel have received professional management and technical training to ensure rapid and efficient completion of vehicle maintenance and repair, so that your vehicle can always have good technical performance.

  The authorized FAW Hongqi dealer has invested significantly in special tools and maintenance equipment, which helps to provide better service for you.

  With the service concept of "efficient, reasonable and value-added", the authorized FAW Hongqi dealer is committed to thoroughly performing all maintenance items for your vehicle.

  Rubber hoses (for cooling, heating, brake systems) should be checked by professionals in strict accordance with the maintenance schedule.

  Rubber hoses will be degraded over time, which will cause expansion, wear or rupture. Therefore, if any signs of deterioration or damage are observed in the hoses, please immediately contact an authorized FAW Hongqi dealer for replacement.

■ Precautions for maintenance by yourself

Can the vehicle be maintained by yourself?

If you have abundant basic knowledge of vehicle structure, inspection and maintenance and some basic tools, you can perform routine inspection and maintenance yourself. Simple instructions for maintenance by yourself are covered in this section.

It should be reminded that some maintenance work requires special maintenance equipment and professional skills and it is preferably performed by a qualified technician. Even if you are an experienced professional technician, it is still recommended that you contact an authorized FAW Hongqi dealer for standardized repair and maintenance. The dealer will record the maintenance information of your vehicle and help you apply for warranty service.

■ **Does your vehicle need to be repaired?**

Pay attention to changes in the performance and sound of the vehicle, as well as visual warnings indicating maintenance requirements. Some important signs are provided below:

- Noticeable decrease in power.
- Abnormal sound of motor.
- Liquid leakage under the vehicle. (Water dripping after use of A/C is a normal phenomenon)
- Flat tire, excessive tire noise during turning, or uneven tire wear.
- Pulling to one side during straight driving on a flat road.
- Abnormal sound related to the suspension component.
- Braking failure; soft brake pedal when being depressed; pedal almost touching the floor; pulling to one side during braking.
- Continuously high coolant temperature.
- Thermal management system fault lamp/coolant level warning lamp, etc. in the multimedia display remains on.

If you find any of the signs mentioned above, contact an authorized FAW Hongqi dealer for adjustment or repair as soon as possible.

⚠ WARNING

■ **Improper maintenance**

Improper maintenance may cause serious damage to the vehicle and serious personal injury or even death.

■ **Precautions for battery handling**

Battery terminals and related accessories contain lead and lead compounds which can cause brain damage.
Be sure to wash your hands after handling.

Regular maintenance

For vehicles in normal operation, regular maintenance must be carried out in accordance with the regular maintenance schedule every 12 months or every 20,000 km (whichever comes first), and driving beyond the maintenance interval may result in damage to the vehicle.

Applicable to CA7009H0EV, CA7009H0EVA																	
Interval	Fixed maintenance intervals																Flexible maintenance intervals (time or mileage, whichever comes first)
	Maintenance sequence	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
	×1000 km	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	
A/C system																	
A/C filter element		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	—
Cooling system																	
Motor/battery coolant		I	I	I	I	I	R	I	I	I	I	I	R	I	I	I	R: 72 months or 120,000 km
Chassis and body																	
Brake fluid		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	R: First replacement at 36 months, then every 24 months
Rear final drive oil and oil filler plug, oil drain plug, sealing washer				R			R			R			R			R	—
Brake linings and brake disc		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	—
Brake line and hose		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	—
Bottom protector		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	—
Ball joint dust cover and bushing		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	—
Steering gear		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	—
Drive shaft sealing cover		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	—
Front and rear suspension		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	—
Front compartment cover lock and lock ring		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	—
Tire and inflation pressure		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	—

Applicable to CA7009H0EV, CA7009H0EVA																	
Interval	Fixed maintenance intervals																Flexible maintenance intervals (time or mileage, whichever comes first)
	Maintenance sequence	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
	×1000 km	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	
Chassis and body																	
Wheel bolt		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	—
High voltage electrical system																	
High voltage wire harness and connector		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	—
Power battery		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	—

[Normal maintenance] I: Inspect
R: Replace
C: Clean

[Note] 1. It is recommended to replace the A/C filter if you find a noticeable drop in airflow from the A/C outlet or if the A/C has a strange odor; The recommended replacement interval for the A/C filter is 1 year or 20,000 km (whichever comes first); If you often drive in a harsh environment such as sandy climate, dusty roads, construction sites, long-term humidity, rainy weather, flocculent and mosquito-infested, etc., the replacement interval for the A/C filter should be shortened appropriately.

2. If paint surface of the parts is damaged or rust marks are found when checking the hood lock and lock ring, clean and apply grease.
3. It is recommended to check the coolant hose every 5 years or 100,000 km (whichever comes first), and replace it in time if there are cracks or leakage.
4. If you often drive in dusty, sandy, humid, acid rain, high salinity and other harsh environments, the door hinge, door check and trunk lid hinge are easy to accumulate dirt or rust, resulting in abnormal noise of the switch or loss of damping feeling, and they should be cleaned and greased regularly.
5. Under special conditions, the maintenance interval should be appropriately shortened according to the actual usage environment of the vehicle.

Precautions for maintenance by yourself

If the maintenance is to be carried out by yourself, correct procedures below must be followed.

Item	Component and tool
Battery status (see P. 341)	• Warm water • Baking soda • Grease • Common wrench (For terminal bolts)
Coolant level (see P. 337)	• Automobile long-life coolant • Funnel (for adding coolant only)
Brake fluid level (see P. 338)	• Genuine brake fluid of FAW • Rag or paper towels, funnel (For adding brake fluid only)
Fuse (see P. 356)	• Fuse with the same amperage rating as the original one
Radiator and condenser (see P. 338)	—
Tire pressure (see P. 348)	• Tire pressure gauge • Compressed air source
Washer fluid (see P. 339)	• Washer fluid with antifreeze (For use in winter) • Funnel

⚠ WARNING

Many machineries are installed in the front compartment. They may rotate, get hot, or become energized suddenly. To avoid serious personal injury, please pay attention to the following matters.

■ **Handling parts in front compartment**

- Be careful not to touch the motor, radiator, etc. immediately after driving, as they may be very hot.
- Before opening the front compartment cover, be sure to turn off vehicle power supply, apply the EPB, carry the key with you, and wait till the motor cools down.
- Keep hands, clothing and tools away from the rotating fan.
- Do not leave any articles in the front compartment.
  After inspecting or maintaining the front compartment, do not leave any articles such as tool or cloth in it, otherwise it may cause fire, resulting in an accident.
- Do not smoke, generate sparks, or expose open flames to the areas near the front compartment cable or battery.
- Be especially careful when handling the battery. The battery contains poisonous and corrosive sulfuric acid.
- Be careful when handling the brake fluid as it may injure your hands or eyes and damage the paintwork.
  If the brake fluid spills on your hands or into your eyes, rinse the part stained with the fluid immediately with plenty of clean water. If you still feel unwell, seek medical attention.

■ **Working near electric fan or radiator grille**

Make sure that vehicle power supply is turned OFF.

When the vehicle power supply is in ON mode, if the A/C is turned on or the coolant temperature is very high, the electric cooling fan may run automatically.

■ **Goggles**

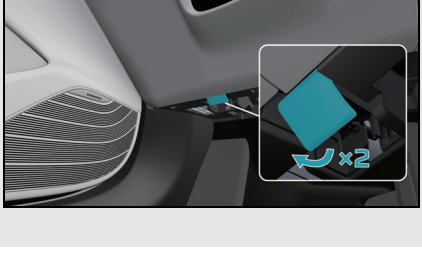
Wear goggles to protect your eyes from flying objects or splashing fluids.

CAUTION

■ **Too low or high brake fluid level**

The brake fluid level drops slightly when the brake pads are worn, which is normal. If the brake fluid reservoir needs to be filled with brake fluid frequently, it means that there may be a serious fault. In this case, contact an authorized FAW Hongqi dealer for vehicle inspection.

Unlock the front compartment cover from inside the vehicle to open it.



Pull the front compartment cover release handle inside the vehicle twice to open the front compartment cover.

⚠ WARNING

■ Inspection before driving

Check that the front compartment cover is fully closed and locked.

If the front compartment cover is not locked properly, it may suddenly open during driving, which will cause an accident, resulting in serious personal injury.

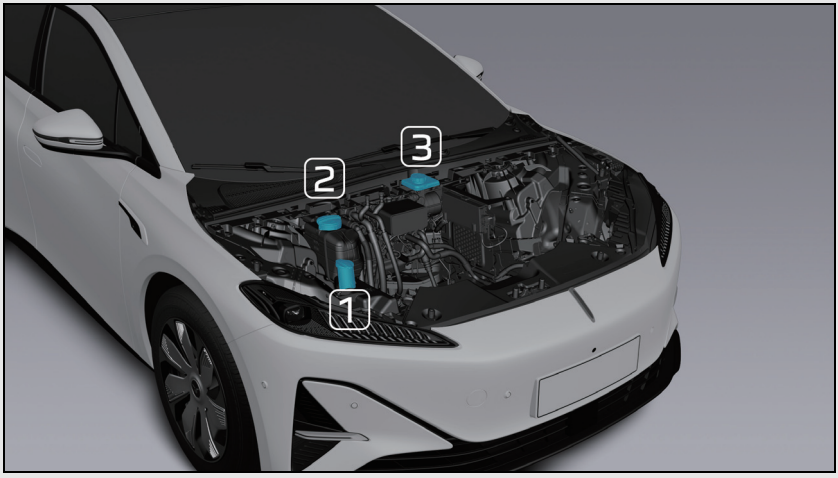
⚠ CAUTION

■ Closing front compartment cover

- Do not apply excessive force to prevent front compartment cover damage.
- Make sure that no tools, articles, etc. are left in the front compartment before closing the front compartment cover.

Front compartment

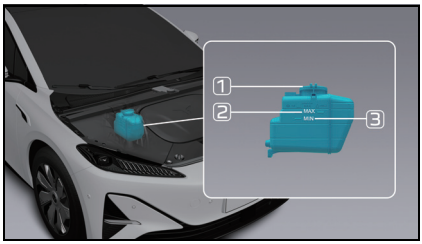
Due to different model configurations, the picture is for reference only.



1 Washer fluid reservoir
2 Coolant reservoir
3 Brake fluid reservoir

Coolant

If the coolant level in the coolant reservoir is between the "MAX" (highest) and "MIN" (lowest) marks, it is normal.



1 Reservoir cap
2 "MAX" (highest)
3 "MIN" (lowest)

If the coolant level is below the "MIN" mark, add the coolant to the normal level.

Decrease of coolant level shortly after the coolant is added

Visually check the components such as radiator, coolant reservoir and cooling pipe.
If no leaks are found, contact an authorized FAW Hongqi dealer for inspection of the cooling system.

Selecting coolant

Use the automobile long-life coolant throughout the year.
For more details of coolant, contact an authorized FAW Hongqi dealer.

WARNING

When the coolant temperature is very high

- Do not add coolant, because hot coolant is very dangerous and may cause scalding.
- Do not remove the coolant reservoir cap.
  The cooling system may be under pressure, therefore, hot coolant may be sprayed out after the coolant reservoir cap is removed, causing scalding or other injuries.

CAUTION

■ **Adding coolant**

Add the coolant specified by FAW to ensure normal lubrication, anti-corrosion and cooling performance.
Please read the instructions on the label of the coolant.

■ **Accidental splashing of coolant**

Always rinse off the coolant with water to avoid damaging the parts or paint.

Radiator and condenser

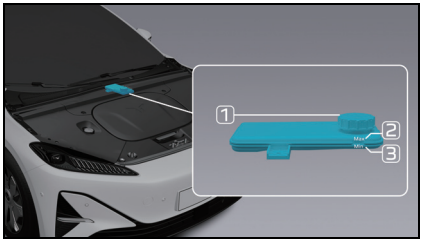
Check the radiator and condenser, and remove all foreign matters.
If the radiator or condenser is particularly dirty or abnormal, contact an authorized FAW Hongqi dealer for vehicle inspection.

WARNING

■ **When radiator and condenser are very hot**

Do not touch the radiator or condenser to avoid scalding.

Brake fluid



1 Brake fluid reservoir cap
2 "MAX" (highest)
3 "MIN" (lowest)

If the brake fluid level is below the "MIN" mark, add the brake fluid to the normal level.

⚠ WARNING

■ **Precautions for addition of brake fluid**

- It is very dangerous if the brake fluid is sprayed out. If the brake fluid enters the eyes, rinse them with plenty of water, and seek medical attention immediately.
- Do not spray the brake fluid onto your body or the electrical parts in the front compartment, otherwise it is likely to cause personal injuries or a fire.

■ **Too low brake fluid level**

- It is very dangerous if the brake fluid level is too low. A too low fluid level indicates wear of the brake lining or leakage of the brake system. The brake may fail, resulting in a serious accident. If the fluid level is too low, check the brake.
- If the fluid level is too low, add the brake fluid until it reaches the "MAX" mark. Before adding the brake fluid, thoroughly clean the parts around the brake fluid reservoir cap.

⚠ CAUTION

- The brake fluid will damage the paintwork. If the brake fluid is accidentally splashed onto the paintwork, wipe it off immediately.
- Using non-specified brake fluid can lead to damage in the system. Additionally, mixing different types of brake fluid may cause damage to the system.
- If the brake fluid needs to be added or replaced, consult an authorized FAW Hongqi dealer.
- Do not drop brake fluid onto the inverter, otherwise it may cause inverter failure.

Washer fluid



If any of the washers does not work or a warning message appears on the multimedia display, the washer fluid reservoir may be empty. In this case, add the washer fluid in time.

WARNING

■ **Adding washer fluid**

Do not add washer fluid when the power system is hot or operating. Otherwise, if the washer fluid is splashed on the motor, a fire may occur due to the alcohol in the washer fluid.

CAUTION

■ **Do not use any fluids other than the washer fluid**

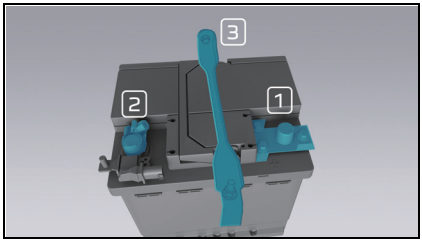
Do not substitute soapy water or coolant for washer fluid, otherwise it may result in damage to the paintwork.

■ **Diluting washer fluid**

If necessary, dilute the washer fluid with water.

Refer to the freezing temperature indicated on the label of the washer fluid reservoir.

■ **12 V battery is located on the left side of the trunk.**



Make sure that there is no corrosion on battery terminals, no looseness in connections, no cracks in external parts, and no looseness in fixing clips.

1 Positive terminal
2 Negative terminal
3 Fixing clip

■ **Precautions during installation**

- When connecting the battery, avoid connecting the terminal cables reversely, otherwise the electrical equipment in the vehicle may be damaged.
- During storage, handling and installation of the battery, prevent the positive and negative terminals from contacting with each other. For example, a metal wrench used for wiring can easily touch both the positive and negative terminals at the same time. In this case, the battery may be short-circuited, causing a direct failure.
- Due to the small vent holes in the battery, do not place it on its side or upside down during storage, handling and installation, to avoid leakage of electrolyte.
- Replace the battery with one of the same model as the original.
- If the wiring clips are oxidized or dirty when the battery is replaced, remove the oxide layer or dirt with sandpaper, and apply Vaseline to the wiring clips and battery terminals before connecting.
- During installation, connect the positive terminal and then the negative terminal, and during removal, disconnect the negative terminal and then the positive terminal, to avoid the risk of short circuit.

■ **Precautions before charging**

Pay attention to the following matters before charging:

- When charging the battery installed on the vehicle, be sure to turn off the vehicle power supply and disconnect the ground wire.
- When connecting or disconnecting the charger cable to/from the battery, make sure that the power switch on the charger is turned off.

■ **Precautions during use**

- Keep the battery's air outlet clean to avoid blockage.
- Charge the battery in the following conditions:
  - When the vehicle has not been used for a long time.

- If the lamps are left on after parking.
- If the doors are not securely closed during parking.

- If the vehicle is stored for more than 30 days, perform the following operations to maintain the normal charging state of the battery:
  - Disconnect the negative terminal ground wire of the battery to prevent battery discharge caused by additional current leakage.
  - Charge the battery every 20-45 days.

Smart charging function

The vehicle has the smart charging function. When the vehicle is parked for a long time, the battery power is detected to be too low, and the battery can be charged by the power battery.

⚠ WARNING

■ **Chemical substances in the battery**

The battery contains toxic corrosive sulfuric acid and may generate flammable and explosive hydrogen gas. To reduce the possibility of serious personal injury, be sure to observe the following precautions when handling the battery or working near it:

- Do not allow tools to contact battery terminals, so as to avoid sparks.
- Do not smoke or use open flames near the battery.
- Avoid splashing electrolyte into eyes and on skin or clothing.
- Do not inhale or swallow electrolyte.
- Wear goggles when working near the battery.
- Keep children away from the battery.

■ **Safe place for battery charging**

Charge the battery in an open place. Never charge it in a poorly ventilated garage or an enclosed place.

■ **Emergency measures for handling electrolyte**

- Accidental splashing of electrolyte into eyes
  Rinse your eyes with water for at least 15 minutes and seek medical attention immediately. If possible, continue to wash your eyes with a piece of absorbent sponge or cloth on the way to hospital.
- Splashing of electrolyte on skin
  Thoroughly wash the part on which electrolyte is splashed. If you have a burning sensation, seek medical attention immediately.
- Splashing of electrolyte on clothing
  Electrolyte may penetrate clothing and contact with the skin. Take off clothing promptly and adopt the above measures if necessary.
- Accidental swallowing of electrolyte
  Drink plenty of water or milk, take milk of magnesia, agitated raw eggs or vegetable oil, and seek medical attention immediately.

■ **Do not disconnect the negative (-) terminal from the vehicle body side**

- The disconnected negative (-) terminal may come into contact with the positive (+) terminal, resulting in a short circuit and serious injury or even death.

⚠ WARNING

■ **Parking for a long time may cause the battery loss, and the system will recharge it automatically. But it may not be able to recharge the battery automatically in the following situations:**

- Battery sensor self-learning is not completed.
- The system's static current is abnormal.
- The front compartment cover is not closed.
- Battery aging.
- The power battery is low.
- The high voltage system is faulty.

⚠ CAUTION

■ **Precautions for battery charging**

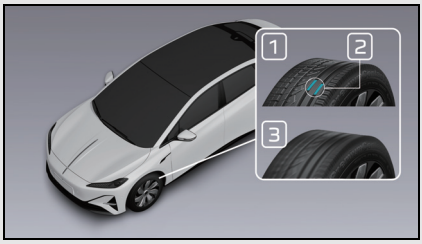
Do not charge the battery when the vehicle is started. Be sure to turn off all accessories.

■ **Precautions for smart charging function**

- The electricity for smart charging comes from the power battery, so entering the smart charging may reduce the power of the power battery, which is normal.
- In order to avoid over discharging caused by smart charging, smart charging is not available when the power battery is low.
- Confirm that front compartment cover is closed, otherwise the smart charging function is unavailable.

Replace the tire or perform tire rotation according to the wear condition of the tread.

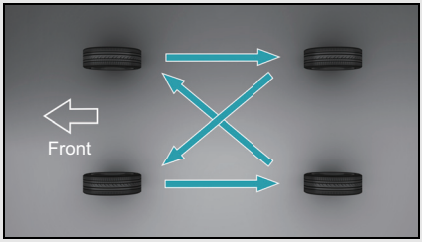
■ Tire inspection



1 New tread
2 Tread wear indicator
3 Worn tread

If it wears down to the tread wear indicator surface, replace the tire (the picture is for reference only).

■ Tire rotation



Perform tire rotation as shown in the figure.

It is recommended to perform tire rotation every 8,000~10,000 km to achieve even tire wear and extend the tire life.

Note:

Tire rotation is only available for models with the same tire type.

After the tire rotation, it is necessary to configure the tire pressure monitoring system. Contact an authorized FAW Hongqi dealer if necessary.

■ **Measures for protection against wheel fault**

- When driving over curbs or similar obstacles, keep a slow speed in the vertical direction of the obstacles as much as possible.
- Be careful not to let the tires contact with grease and fuel.
- Regularly check the damage of tires (such as cuts, cracks or bulging), and remove debris embedded in the grooves of the tire pattern.

■ **Precautions for tire storage**

- Before removing the tire, mark its rolling direction, refit the tire and align it with the mark to maintain the rotation direction and the dynamic balance of the wheel.

- Store the removed wheels and tires in a cool and dry place, preferably in a dark place away from direct sunlight.

■ Hidden damage

- Damage to tires and rims often occurs in a hidden way, and abnormal vibration or deviation of the vehicle during driving may indicate a faulty wheel. In this case, drive the vehicle to an authorized FAW Hongqi dealer for inspection of wheels as soon as possible.

■ When to replace the tire

Replace the tire when:

- The tire has any defects such as cuts, fractures, cracks with exposed fabric ply or bulging.
- The tire leaks frequently or cannot be repaired due to other damage.

■ Tire life

Avoid using tires that have been in use for six years, and if you have to use them, drive at low speed with extreme caution.

■ Winter tires

- Winter tires or all-season tires can improve the driving and braking performance on winter roads. It is recommended to switch to winter tires for the vehicle when the temperature is below 7 ˚C or on winter roads.
- If the tread of snow tires is worn by 4 mm or more, the anti-skid performance of snow tires will be significantly reduced.

⚠ WARNING

■ Precautions for tire inspection or replacement

To avoid transmission part damage which will affect the control performance of the vehicle, be sure to observe the following precautions:

- Do not use tires from different manufacturers, different models or with different tread patterns or tread wear degrees.
- Do not use tires that are not recommended by FAW.
- Do not mix tires with different structures such as radial, bias-belted and bias-ply tires.
- Do not mix summer, all-season and winter tires.
- Do not use tires that have been used on other vehicles.

⚠ CAUTION

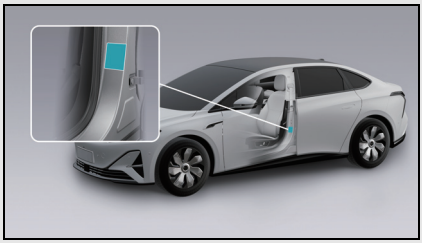
■ **Driving on uneven roads**

When the vehicle is driven on soft or bumpy roads, extra care shall be taken. On such roads, tires are probe to bulging due to impacts, and they may be damaged eventually.

■ **Decreased tire pressure during driving**

Do not continue driving, as this may result in complete tire and/or wheel damage.

Be sure to maintain a proper tire pressure. Check the tire pressure at least once a month.



The tire pressure label is located under the B-pillar lock pin on the driver's side.

Consequences of incorrect tire pressure

Too low tire pressure:

- Increased rolling resistance leads to increased power consumption.
- The maneuverability and stability of the vehicle are reduced.
- Damage and high temperature may be caused, resulting in tire burst. When the tire pressure is seriously insufficient, the tire may be detached from the rim, reducing the safety.
- The tire is worn on both sides.

Too high tire pressure:

- The comfort of the vehicle is reduced.
- The middle of the tire is worn excessively.
- Over-inflation of the tire makes it prone to internal cracks and bursts when impacted.

Guidelines for tire pressure inspection

Even if your vehicle is equipped with a tire pressure monitoring system that can remind you of the tire pressure status in time, please check the tire pressure regularly.

When checking the tire pressure, please observe the following precautions:

- Check the tire only after it has cooled down.

  If the vehicle has been parked for at least 3 hours, or has not driven for more than 1.5 km, carry out the inspection to obtain the accurate tire pressure reading.
- Always use a tire pressure gauge.

  The tire appearance may sometimes be misleading. Additionally, the ride comfort and maneuverability may be reduced even if the tire pressure is slightly low.

- Do not deflate or depressurize the tire after driving. The tire pressure may increase after driving, which is normal.
- Do not overload the vehicle.

  The weight of the driver, passengers and luggage should be evenly distributed to keep the vehicle balanced.

⚠ WARNING

■ Correct inflation is the key to tire protection

Be sure to maintain a proper tire pressure, otherwise the following conditions may occur:

- Excessive wear
- Uneven wear
- Poor maneuverability
- Tire burst after overheating
- Bead sealing performance degradation
- Wheel deformation or detachment of the tire from the wheel
- Potential tire damage due to poor road conditions

■ Do not drive the vehicle with improper tire pressure

It is dangerous to drive the vehicle with improper tire pressure. An improper tire pressure may affect the maneuverability and result in an accident.

⚠ CAUTION

■ Precautions for inspection and adjustment of tire pressure

Be sure to reinstall the tire valve cap.
If the valve cap is not installed, dirt or moisture may enter the valve and cause air leakage, resulting in an accident.
If the valve cap is missing, install a new one as soon as possible.

If the rim is bent, cracked or severely corroded, replace it. Otherwise, the tire may separate from the rim or you may lose control of the vehicle.

■ Wheel selection

When replacing the wheel, ensure that the new wheel matches the original in bearing capacity, diameter, rim width and offset. The wheel for replacement can be provided by an authorized FAW Hongqi dealer.

FAW recommends not to use the following types of wheels:

- Wheels of different sizes or types.
- Used wheels.
- Bent wheels that have been straightened.

■ Considerations for aluminum wheel

- Be sure to use the wheel bolts and wrench specially designed for the aluminum wheel.
- When performing tire rotation, maintenance or replacement, check and confirm the tightness of the wheel bolts.
- When tire chains are used, be careful not to damage the aluminum rim.
- Only use the balance weight or equivalent product specified by FAW to balance the wheel.

⚠ WARNING

■ **Replacing wheel**

Do not use the wheel from a different model than the original one installed on the vehicle, otherwise you may lose control of the vehicle.

■ **Installing wheel bolt**

- Tighten the wheel bolt until the tapered portion comes into contact with the wheel bolt seat of the rim.
- Never apply oil or grease to wheel bolts.

  Oil and grease may over-tighten the wheel bolts, resulting in damage to the bolt or spoke wheel. In addition, oil or grease may cause wheel bolts to get loose and cause the wheel to fall off, thus causing accidents, serious injury or even death. Please remove all oil or grease from wheel bolts.

■ **Do not use defective wheels**

Do not use cracked or deformed wheels.

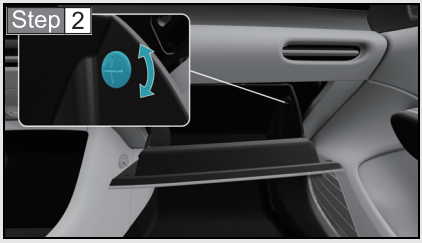
Otherwise, tires may leak during driving, resulting in an accident.

A/C filter

Regularly replace the A/C filter to maintain the A/C efficiency.

■ Replacing A/C filter

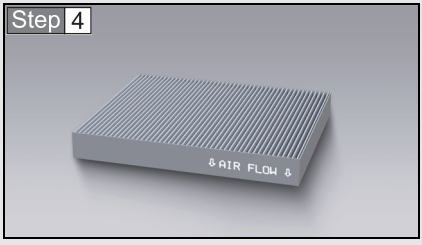
Step 1 Turn off the vehicle power supply.



Open the glove box.
Remove the plastic fixing bolts on the left and right sides of the glove box, detach the limiter, and pull down the glove box to the position where the filter can be removed.



Remove the A/C filter cover and filter.



Replace with a new A/C filter of the same model.

Note the arrow mark on the filter.

■ **Replacement interval of A/C filter**

In dusty or heavy traffic areas, the replacement interval may need to be shortened.

■ **Significant reduction of airflow at air vent**

The filter may be blocked. Check the filter, and replace it if necessary.

■ **A/C filter**

If the filter needs to be cleaned or replaced, please contact an authorized FAW Hongqi dealer.

CAUTION

■ **Using A/C system**

Make sure that the filter is installed.

If the A/C system is used without a filter, it may be damaged.

■ **Removing filter cover**

Do not replace the A/C filter when the blower is working, otherwise personal injuries may be caused.

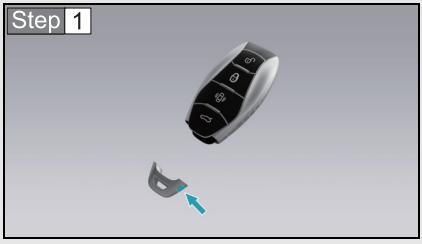
Replacing smart key battery*

If the battery power of the smart key is low, replace the battery with a new one.

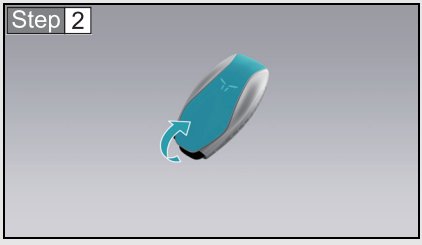
■ The following part is required:

- Lithium battery

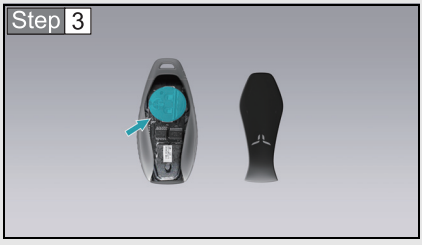
■ Replacing smart key battery



Press the unlock button to detach the key end cover.



Detach the rear cover of the key.



1 Take out the old battery.

Insert a new battery with the positive (+) terminal facing downward.

2 Reinstall the battery compartment into the smart key.

■ **If the battery power of the smart key is low, the following conditions may occur**

- Failure of wireless remote control function.
- Reduction of effective range.
- Failure of PEPS function.
- Failure of smart start function.

■ **Using CR2032 lithium battery**

- It is recommended to replace the battery with the same or equivalent product recommended by an authorized FAW Hongqi dealer.
- Always dispose of the old battery in accordance with the local laws and regulations.

⚠ WARNING

■ **Replaced battery and other parts**

Keep the parts out of reach of children.

These small parts may cause suffocation if swallowed by children.

⚠ CAUTION

■ **To ensure that the smart key can work normally after the battery is replaced**

Be sure to observe the following precautions to avoid an accident.

- Always dry your hands before operating the smart key to prevent rusting of the battery.
- Do not touch or move any other parts inside the smart key.
- Do not bend the battery terminals.

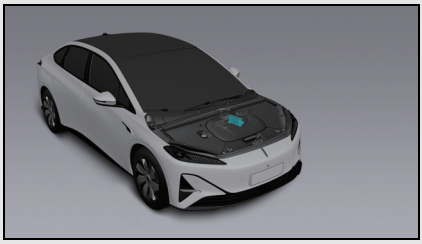
Checking and replacing fuse

If any electrical component fails to work, a fuse may be blown. In this case, check and replace the fuse if necessary.

Step 1 Turn off the vehicle power supply.

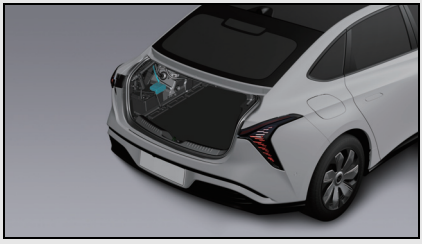
Step 2 The fuses are located in the following positions. Check the fuses as follows.

■ **Front compartment**

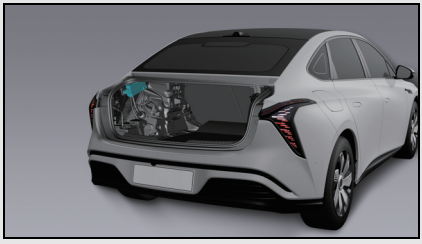


Press the fixing clip, and open the cover.

■ **Trunk**



Press the fixing clip, and open the cover.



Press the fixing clip, and open the cover.

■ **Distribution and amperage rating of fuses**

For the distribution and amperage rating of fuses, please contact an authorized FAW Hongqi dealer for confirmation.

■ **Precautions after fuse replacement**

- If the electrical function still does not work after the fuse is replaced, further inspection may be required. Contact an authorized FAW Hongqi dealer.
- If the newly installed fuse blows again, contact an authorized FAW Hongqi dealer for inspection of the vehicle.

■ **Circuit overloading**

The fuse will blow, to prevent damage to the entire harness.

⚠ WARNING

■ **Preventing system fault or vehicle fire**

Be sure to observe the following precautions, otherwise vehicle damage, fire or personal injury may be caused.

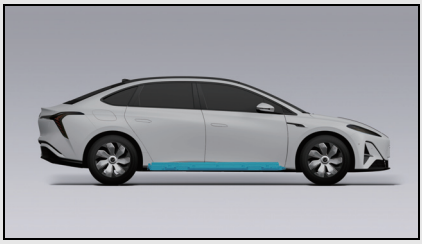
- Never use a fuse with an amperage rating higher or lower than specified.
- Always use the same or equivalent product recommended by an authorized FAW Hongqi dealer.
  Never replace the fuse with a wire, even temporary replacement is not allowed, otherwise serious damage to vehicle or even a fire may be caused.
- Do not modify the fuse or fuse box.

⚠ CAUTION

■ **Precautions before fuse replacement**

Contact an authorized FAW Hongqi dealer to determine the cause of excessively high electrical load and have the vehicle repaired.

Power battery



The power battery is located under the floor of vehicle.

- **The battery may also have a slow self discharge when not in use, resulting in a decrease in battery power (average 1% per week). A decrease to 0% can damage the battery. Therefore, if it is not used for a long time, please evaluate the battery's state of charge based on the estimated parking duration. Even if parking does not cause the battery power to reach 0%, it is still not recommended to park for a long time. Long standing can lead to a decrease in driving range. If the vehicle must be parked for a long time, it should be maintained monthly according to the following methods:**
  - Use appropriate methods (such as vehicle driving or high voltage components consumption) to discharge the battery until the multimedia display prompts "Low power battery, please charge".
  - The power battery is fully charged.
  - If it is expected that the vehicle will be parked for more than 7 days, after the charging is completed, take proper measures (such as vehicle driving or high voltage components consumption) to discharge the power battery to 40%-60% and then continue to park the vehicle, which helps to extend the service life of the power battery.
  - If it is expected that the vehicle will be parked for more than 3 months, it is recommended to charge the power battery to 100% every 3 months. After the charging is completed, take proper measures (such as vehicle driving or high voltage components consumption) to discharge the power battery to 40%-60% and then continue to park the vehicle, otherwise it may cause the power battery life to be reduced or even damaged.

Power battery recycling

Power battery is classified as hazardous industrial goods, and improper disposal will cause serious pollution to the environment. According to relevant national policies on power battery recycling, qualified recycling service centers are responsible for the recycling of power batteries. For information about recycling service centers, please consult an authorized FAW Hongqi dealer.

Do not sell, transfer, or privately remove, disassemble, modify power battery. When the power battery is no longer usable or needs to be recycled, the vehicle should be taken to the designated service center and the power battery should be removed from the vehicle according to the prescribed process to prevent safety accidents. According to relevant laws and regulations, if safety accidents or environmental pollution is caused due to the user's improper disposal of the used power battery, the user shall bear the responsibility.

⚠ WARNING

- **If not recycled properly, the following situations may occur, causing certain personal injury:**
  - Illegal scrapping or disposal of power battery can cause harm to the environment, or people may suffer electric shock from touching high voltage parts.
  - Power battery is specifically designed for electric vehicle. If the power battery is used outside this vehicle or modified in any way, accidents such as electric shock, heat generation, smoking, explosion, and electrolyte leakage may occur.
  - When not selling or transferring vehicle through authorized FAW Hongqi dealer, the possibility of accidents is extremely high as the buyer does not understand these dangers.
- **When the battery leaks or there is a pungent and fragrant odor in the vehicle after a collision, or there is obvious liquid flowing out outside the vehicle, or there is smoke from the battery pack:**
  - Please turn the vehicle power supply to OFF mode and disconnect the 12 V battery when conditions allow.
  - Immediately call the service hotline of authorized FAW Hongqi dealer for assistance, and do not perform any other operations on the vehicle.
- **The high voltage of power battery is very dangerous, it's strictly prohibited non-professional personnel from disassembling or repairing power battery.**
- **If the vehicle is scrapped without removing power battery, there is a risk of serious electric shock when touching high voltage parts, cables, and their connectors. If the vehicle must be scrapped, the power battery must be handled by an authorized FAW Hongqi dealer or professional organization. If the power battery is not handled properly, it may cause electric shock, which lead to serious injury or even death.**

⚠ CAUTION

- **Shallow charging and shallow discharging is the operating method that has the least impact on the performance degradation of power battery. If the interval between two charging and discharging cycles is more than 2 months, the low-power household or AC charging pile shall be used for recharging.**
- **To protect battery performance, it is not appropriate to discharge the battery to a very low level, otherwise it may cause permanent damage to battery performance.**
- **When using the vehicle for the first time or after parking for a long time, the battery power displayed on the multimedia display may be inaccurate. It is recommended that the vehicle be fully charged first.**
- **There is a thermal management system inside the power battery assembly, but it is still recommended that users avoid intense driving in extreme high and low temperature environments as much as possible.**
- **The power battery should be stored in a dry and well-ventilated environment. The storage temperature range for power battery (vehicle) is -40°C~60°C. To ensure battery performance, it is not recommended to expose the vehicle to temperature below -30°C or above 60°C for more than 24 hours. It is recommended to store the battery within the range of 5°C to 30°C if the storage time exceeds 1 week.**

⚠ CAUTION

- **Avoid placing the power battery to high temperatures or humid environments (such as during paint baking) for a long time. It is required to remove the power battery assembly when operating in such environments.**
- **The vehicle should be parked in a dry, cool and well-ventilated location, and avoid prolonged exposure to direct sunlight as much as possible.**
- **Try to avoid driving the vehicle in water that exceeds the height of chassis, otherwise it may cause permanent damage to the power battery assembly. After the vehicle has driven through water, it should be moved to a dry area for parking as soon as possible.**
- **Do not park the vehicle in a humid or waterlogged area, to avoid the power battery being submerged in water for a long time to avoid fire.**
- **It may cause damage to battery if the battery is not maintained for more than 6 months.**
- **Do not park the vehicle near flammable and explosive items, various hazardous chemicals, high temperature heat source or fire source to avoid fire.**
- **Do not park the vehicle in conditions containing highly corrosive gas/liquid, so as to avoid damage to the battery structure and performance.**
- **When the capacity of power battery significantly decreases (the vehicle's driving range significantly decreases) or the power battery has a serious malfunction (the vehicle cannot run normally, or the multimedia display indicates a power system malfunction), please contact an authorized FAW Hongqi dealer for inspection and maintenance of power battery, and replace the power battery assembly if necessary.**

Dimensions

■ Model: CA7009H0EV, CA7009H0EVA

Overall length		4,820 mm
Overall width		1,915 mm
Overall height		1,480 mm
Front overhang		890 mm
Rear overhang		1,030 mm
Wheelbase		2,900 mm
Wheel track	Front	1,652 mm
	Rear	1,652 mm
Approach angle		15° (no load)
Departure angle		20° (no load)

Seating capacity

■ Model: CA7009H0EV, CA7009H0EVA

Seating capacity	5

Drive mode

■ Model: CA7009H0EV, CA7009H0EVA

Drive mode	Rear wheel drive

Vehicle mass

■ Model: CA7009H0EV

Curb weight	1,919 kg
Gross vehicle weight	2,451 kg

Axle load under gross vehicle weight	Front	984 kg
	Rear	1,467 kg

Model: CA7009H0EVA

Curb weight		2,047 kg
Gross vehicle weight		2,579 kg
Axle load under gross vehicle weight	Front	1,058 kg
	Rear	1,521 kg

Power performance of the vehicle

Model: CA7009H0EV, CA7009H0EVA

Maximum gradeability	35%
Maximum speed	200 km/h

Motor

Model	CAM190PT6
Motor type	AC permanent magnet synchronous motor
Peak power	210 kW
Rated power	70 kW
Peak speed	20,000 rpm
Rated speed	6,077 rpm

Peak torque	317 N·m
Rated torque	110 N·m

Power battery

Model: CA7009H0EV

Model	CAB166EL2
Battery type	Lithium iron phosphate battery
Nominal voltage	373 V
Total energy	62 kWh
Weight	484 kg
Cooling method	Liquid cooling
Operation temperature	-30 ~ 55 ˚C (discharging) -20 ~ 55 ˚C (charging)

Model: CA7009H0EVA

Model	CAB207EL1
Battery type	Lithium iron phosphate battery
Nominal voltage	412 V
Total energy	85 kWh
Weight	605 kg
Cooling method	Liquid cooling
Operation temperature	-30 ~ 55 ˚C (discharging) -20 ~ 55 ˚C (charging)

Front wheel alignment (no load)

Model: CA7009H0EV, CA7009H0EVA

Front wheel camber	-11.06′
Kingpin caster angle	6°11′
Kingpin inclination angle	8°16′
Front wheel toe-in	β=10.28′

Rear wheel alignment (no load)

Model: CA7009H0EV, CA7009H0EVA

Rear wheel camber	-1°7′
Rear wheel toe-in	β=4′

Suspension

Model: CA7009H0EV, CA7009H0EVA

Front suspension	Type		Double wishbone independent suspension
	Type of spring		Spiral spring
	Type of shock absorber		General gas-filled shock absorber
	Stabilizer bar	Type	Hollow stabilizer bar
		Diameter	φ31.4 × 5 mm
Rear suspension	Type		5-link independent suspension
	Type of spring		Spiral spring
	Type of shock absorber		General gas-filled shock absorber
	Stabilizer bar	Type	Solid stabilizer bar
		Diameter	φ15 mm

Vehicle identification

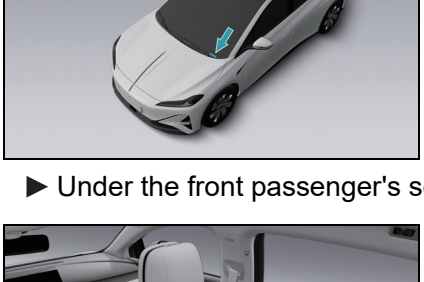
■ Manufacturer's nameplate

The location of the manufacturer's nameplate varies slightly depending on the vehicle configuration and is located on the left/right B-pillar.

■ Vehicle identification number

The Vehicle Identification Number (VIN) is the legal identification of the vehicle. As the primary identification number, the VIN is used for owner registration.

▶ Top left of the instrument panel



It is affixed under the windshield on the upper left corner of the instrument panel.

▶ Under the front passenger's seat



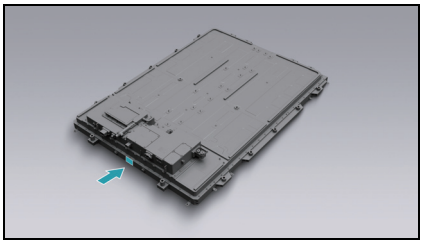
It is imprinted under the front passenger's seat.

■ Motor No. (CAM190PT6)



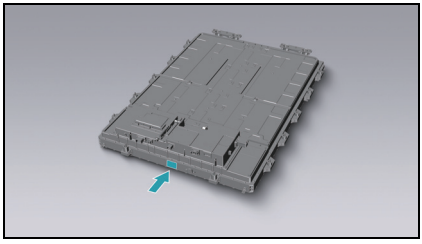
As shown in the figure, the motor number and motor nameplate are located on the motor body.

■ Power battery No. (CAB166EL2)



As shown in the figure, the battery number and battery nameplate are located on the battery housing.

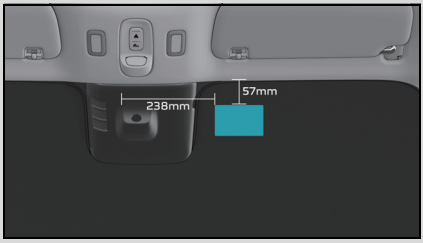
■ Power battery No. (CAB207EL1)



As shown in the figure, the battery number and battery nameplate are located on the battery housing.

Microwave window

■ Model: CA7009H0EV, CA7009H0EVA

Recommended position for microwave window (viewed in the cab)	

Cooling system

■ Model: CA7009H0EV, CA7009H0EVA

Coolant capacity	13.6 ± 0.3 L
Coolant type	Use the automobile long-life coolant throughout the year (G30-91)

Reducer

■ Model: CA7009H0EV, CA7009H0EVA

Reducer oil capacity (initial filling volume)	0.8 L
Filling volume during maintenance	0.8 ± 0.05 L
Reducer oil type	FUCHS BluEV EG DHTF 3932

Electrical system

■ Model: CA7009H0EV, CA7009H0EVA

12 V battery	50 Ah maintenance free battery

A/C refrigerant

A/C refrigerant capacity	1,100 ± 15 g
A/C refrigerant specification	HFO1234yf

Brake

Free travel of brake pedal	⩽ 12 mm
Travel of brake pedal	172 mm
Brake fluid capacity	0.85 ± 0.01 L
Brake fluid type (In accordance with GB 12981-2012)	DOT4

Reasonable usable range of brake lining pairs

▶ Front

Thickness of brake pad	Standard	Inside: Total 16.1 mm Outside: Total 15.7 mm	Thickness of friction material 9 mm
	Minimum	Inside: Total 9.1 mm Outside: Total 8.7 mm	Thickness of friction material 2 mm
Thickness of brake disc	Standard	28 mm	
	Minimum	26 mm	

▶ Rear

Thickness of brake pad	Standard	Inside: Total 15.42 mm Outside: Total 15.1 mm	Thickness of friction material 8 mm
	Minimum	Inside: Total 9.92 mm Outside: Total 9.6 mm	Thickness of friction material 2.5 mm
Thickness of brake disc	Standard	24 mm	
	Minimum	22 mm	

⚠ CAUTION

When the brake pad is worn to the minimum thickness, there will be an audible alarm prompt, and the brake pad should be replaced as soon as possible.

Tires and wheels

■ Model: CA7009H0EV, CA7009H0EVA

Tire specifications	235/50 R18			
Wheel dimensions	8J×18			
Tire pressure kPa (bar)		3 persons	ECO	Full load
	Front	250 (2.5)	300 (3.0)	290 (2.9)
	Rear	270 (2.7)	300 (3.0)	290 (2.9)
Wheel bolt torque	150 - 170 N·m			
Requirements for wheel dynamic balance	Residual unbalance: ⩽ 8 g			

Seat (when the seat cushion is deep)

Model: CA7009H0EV, CA7009H0EVA

Front seats	Longitudinal position (forward from the limit position at the rear end of the slide rail)	27 mm
	Seat back reclining	25° ± 2°
Rear seats	Longitudinal adjustment	Not adjustable
	Seat back reclining	25° ± 2°

Normal use state of the seat back: The seat back in any position within the range of adjustable travel is in normal use state.

Other information

List of abbreviations 374
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Driving with trailer 384

List of abbreviations

Abbreviation	Description
ABP	Automatic Brake Prefill
ABS	Antilock Brake System
ACC	Adaptive Cruise Control
ADB	Adaptive Driving Beam
AEB	Autonomous Emergency Braking
BBF	Brake Boost Function
BSD	Blind Spot Detection
CDP	Controlled Deceleration for Parking Brake
CST	Comfort Stop
DSM	Driver Status Monitoring
EBD	Electronic Brakeforce Distribution
EDR	Event Data Recorder
ELR	Emergency Locking Retractor
EPB	Electrical Parking Brake
EPS	Electric Power Steering
ESC	Electronic Stability Control
ESS	Emergency Stop Signal
FCW	Forward Collision Warning
HBA	Hydraulic Brake Assist
HHC	Hill Hold Control

LDW	Lane Departure Warning
LKA	Lane Keeping Assist
MAX	Maximum
MCB	Multi-Collision Brake
MIN	Minimize
OBD	On-Board Diagnostic
SACC	Super Adaptive Cruise Control
SOC	State Of Charge
TCS	Traction Control System
TPMS	Tire Pressure Monitoring System
USB	Universal Serial Bus
VDC	Vehicle Domain Center
VIN	Vehicle Identification Number

Event data recorder

The vehicle is equipped with an event data recorder (EDR). The EDR is mainly designed to record data in the event of certain or sudden collisions (such as airbag deployment or collision with a barrier), so as to help understand the operation of the vehicle's system. The EDR is specially used to record data related to the dynamic control and safety systems of the vehicle within a short period of time. However, the recorded threshold value may not be triggered, depending on the severity and type of collision.

The data content, source and use recorded by the EDR of the vehicle are shown in the table below:

No.	Data name	Content	Source
1	Longitudinal delta-V	Change in longitudinal vehicle speed	Airbag control unit
2	Maximum recorded longitudinal delta-V	Maximum cumulative vehicle speed change in the X-axis direction recorded by the EDR	Airbag control unit
3	Time to reach the maximum recorded longitudinal delta-V	Time recorded by the EDR from time zero to occurrence of the maximum cumulative vehicle speed change along the X-axis	Airbag control unit
4	Clipping flag	Point in time when the EDR first reaches the sensor range when collecting the acceleration (horizontal or longitudinal)	Airbag control unit
5	Vehicle speed	Wheel-side linear velocity or the vehicle speed obtained by other means	Integrated brake controller
6	Service brake, on or off	Used to detect if the driver depresses the brake pedal	Integrated brake controller
7	Driver's seat belt status	Status of the driver's seat belt buckle switch	Airbag control unit

No.	Data name	Content	Source
8	Accelerator pedal position	Percentage of the accelerator pedal actual position to the driver's fully depressed position	Vehicle controller
9	Power-on cycle during event	Number of power cycles from the first use of the ECU that records the EDR data to the ECU that records the EDR data when the event occurs	Airbag control unit
10	Power-on cycle during reading	Number of power cycles from the first use of the ECU that records the EDR data to the ECU that records the EDR data during reading	Airbag control unit
11	Event data record complete status	Status flag indicating whether the event data is completely recorded and stored in the ECU that records the EDR data	Airbag control unit
12	Time interval between this event and the last event	Elapsed time from the start of event X to the start of event X-1 if the two events occur within 5 seconds	Airbag control unit
13	Vehicle identification number	Vehicle Identification Number (VIN) assigned by the vehicle manufacturer	Airbag control unit
14	Hardware number of ECU that records EDR data	ECU that realizes the EDR recording function of the vehicle	Airbag control unit
15	Serial number of ECU that records EDR data	ECU that realizes the EDR recording function of the vehicle	Airbag control unit
16	Software number of ECU that records EDR data	ECU that realizes the EDR recording function of the vehicle	Airbag control unit
17	Longitudinal acceleration a	The component of vector acceleration at a certain point on the vehicle in the X-axis direction	Airbag control unit
18	Lateral acceleration	The component of vector acceleration at a certain point on the vehicle in the Y-axis direction	Airbag control unit

No.	Data name	Content	Source
19	Lateral delta-V	Changes in lateral speed of vehicle. The lateral delta-V is only the component of the total delta-V in the Y-axis direction	Airbag control unit
20	Maximum recorded lateral delta-Vb	Maximum cumulative vehicle speed change in the Y-axis direction recorded by the EDR, this data should be used in conjunction with the "Time to reach the maximum recorded lateral delta-V"	Airbag control unit
21	Square b of the maximum recorded resultant delta-V	The maximum value of sum-of-squares of longitudinal delta-V and lateral delta-V recorded by the EDR	Airbag control unit
22	Time b to reach the maximum recorded lateral delta-V	Time recorded by the EDR from time zero to occurrence of the maximum cumulative vehicle speed change along the Y-axis, this data should be used in conjunction with the "Maximum recorded lateral delta-V"	Airbag control unit
23	Time to reach the square of the maximum recorded resultant delta-V	Time from time zero to occurrence of the square of the maximum recorded resultant delta-V, this data should be used in conjunction with the "Square of the maximum recorded resultant delta-V"	Airbag control unit
24	Yaw velocity	Changes in vehicle angle relative to the Z-axis before and during the event, clockwise is positive, applicable to vehicles equipped with electronic stability control system	Airbag control unit

No.	Data name	Content	Source
25	Steering angle	The angular coordinate of the steering wheel, where zero (0°) indicates that the steering wheel is in the middle position (during straight-line driving), and a positive value indicates that the steering wheel is turned counterclockwise (to the left), applicable to vehicles equipped with steering angle sensor	Power steering controller
26	T end	The end of the collision event, if the condition has not been met until the end of the recording period, T end can be defined as the moment of the last recorded data point	Intelligent domain controller
27	Year	Year of the event occurred	Intelligent domain controller
28	Month	Month of the event occurred	Intelligent domain controller
29	Day	Date of the event occurred	Intelligent domain controller
30	Hour	Time on the day of the event occurred (hour)	Intelligent domain controller
31	Minute	Time on the day of the event occurred (minute)	Intelligent domain controller
32	Second	Time on the day of the event occurred (second)	Intelligent domain controller
33	Gear	Actual gear	Vehicle controller

No.	Data name	Content	Source
34	Brake pedal position	Actual position of brake pedal, namely range from not depressed to fully depressed. It can be stated in the EDR reading report. When the brake pedal position is less than 100%, the brake system may achieve 100% braking. This is applicable to vehicles equipped with brake pedal position sensor	Integrated brake controller
35	Parking system status	It is used to detect whether the parking brake is activated	Area control unit
36	Turn signal switch status	It is used to indicate the intention of vehicle to make turn or change lanes	Central computing unit
37	Driver seat belt pretensioner deployment time	The time elapsed from the start of the event (T0) to the driver seat belt pretensioner deployment command	Airbag control unit
38	Driver frontal airbag deployment time (first stage)	The time elapsed from the start of the event (T0) to the first stage of the driver frontal airbag deployment command	Airbag control unit
39	Driver side airbag deployment time	The time elapsed from the start of the event (T0) to the driver side airbag deployment command	Airbag control unit
40	Driver side curtain airbag deployment time	The time elapsed from the start of the event (T0) to the driver side curtain airbag deployment command	Airbag control unit
41	Front passenger seat belt status	The status of front passenger seat belt buckle switch, applicable to vehicles equipped with seat belt reminder	Airbag control unit
42	Front passenger seat belt pretensioner deployment time	The time elapsed from the start of the event (T0) to the front passenger seat belt pretensioner deployment command	Airbag control unit

No.	Data name	Content	Source
43	Front passenger frontal airbag suppression status	The suppression status displayed by the front passenger frontal airbag, applicable to vehicles equipped with frontal airbag suppression switch	Airbag control unit
44	Front passenger frontal airbag deployment time (first stage)	The time elapsed from the start of the event (T0) to the first stage of the front passenger frontal airbag deployment command	Airbag control unit
45	Front passenger side airbag deployment time	The time elapsed from the start of the event (T0) to the front passenger side airbag deployment command	Airbag control unit
46	Front passenger side curtain airbag deployment time	The time elapsed from the start of the event (time zero) to the front passenger side curtain airbag deployment command	Airbag control unit
47	Occupant protection system alarm status	Occupant protection system fault status	Airbag control unit
48	Tire pressure monitoring system alarm status	Alarm status when the on-board tire pressure monitoring system detects low pressure of one or more tires	Central computing unit
49	Brake system alarm status	Brake system fault status	Central computing unit
50	Cruise control system status	Operation status of cruise control system	Central computing unit
51	Adaptive cruise control system status	Operation status of adaptive cruise control system	Central computing unit
52	Anti-lock brake system status	Operation status of anti-lock brake system	Integrated brake controller

No.	Data name	Content	Source
53	Automatic emergency braking system status	Operation status of automatic emergency braking system	Central computing unit
54	Electronic stability control system status	Operation status of electronic stability control system	Integrated brake controller
55	Traction control system status	Operation status of traction control system	Integrated brake controller
56	Pre-event synchronization timing time	The relative time from the last data sampling point before T0 to T0, applicable to vehicles equipped with pre-event synchronization timing function. It is used for time alignment of different data	Airbag control unit

These data can help to better understand the situation of collision and personal injury caused therefrom.

Note: The EDR will record data only when a collision of certain degree occurs to the vehicle; that is to say, the EDR will not record data and personal information (e.g. name, gender, age and site of collision) during normal driving. Locked events can override unlocked events rather than locked events. To read the data recorded by the EDR, it is required to use the special equipment specified by the vehicle manufacturer and obtain the permission of access to the EDR. Besides the vehicle manufacturer, the third parties with special equipment (such as law enforcement agencies) can also read the information if they have the permission of access to the vehicle or EDR.

For the introduction on ESC/ABS/ACC and other functions, refer to the relevant chapters in this manual.

Based on legal obligations regarding product monitoring, our company can use the data for environmental monitoring, research and vehicle safety system quality improvement. For the purpose of research, our company can provide the data for relevant parties in an anonymous form, that is, the data does not include information about the vehicle, owner, or lessee.

Technical prerequisites

Trailer towing device must comply with regulations.

Although your vehicle is primarily used for transporting personnel and luggage, it can also tow a trailer when equipped with relevant technical devices.

If your vehicle is equipped with a trailer towing device when leaving the factory, all necessary technical and legal conditions for driving with trailer have been taken into consideration.

This vehicle has a plug-in device for electrical connection between towing vehicle and trailer.

The installation of a trailer towing device must be carried out in accordance with the manufacturer's instructions.

The maximum trailer weight is 1,000 kg.

If the loading weight exceeds 750 kg, the trailer should be equipped with an independent brake system. The brake must be suitable for the weight of trailer. Please follow the instructions provided by the trailer brake manufacturer to ensure that the trailer brake is properly installed, debugged and maintained.

The maximum vertical load is 57 kg.

Vertical load is the downward force exerted by the weight of trailer on the ball joint of trailer towing device, which shall not be less than 4% of the trailer load. When the towing vehicle is loaded with a certain weight of equipment, personnel or cargo, the vertical load will be reduced, thereby weakening the maximum traction force.

When calculating the maximum traction force, it is assumed that the vehicle rated weight has not been exceeded.

⚠ WARNING

- **Trailer towing device should be installed by professional enterprises.**
- **If there is no suitable cooling system, do not drive uphill for a long time, especially when the ambient temperature is high. Otherwise, it will cause the cooling system to overheat.**
- **Incorrect installation poses a risk of accidents!**

Usage guide

When driving with trailer, several precautions must be taken.

Traction load

- Under no circumstances is it permitted to exceed the allowable traction load.
- The supporting load data on the trailer towing device model plate is only the test value of device. The actual values for each vehicle are often lower than these values. For details, please contact an authorized FAW Hongqi dealer.

Load distribution

- The front axle load ratio after connecting a trailer cannot be less than 20% of the full load mass.
- Please try to place heavy objects near the axle when distributing the load on the trailer. Secure the object to prevent it from slipping. Improper loading may affect driving behavior.
- Efforts should be made to use the vertical supporting load of the towing rod allowed on the ball joint of the trailer towing device, but should not be exceeded.

Tire pressure

Select the tire inflation pressure under "full load" condition, please refer to the tire pressure label for details. If necessary, the tire inflation pressure of the trailer should be corrected according to the manufacturer's recommendations (when the trailer is fully loaded, the rear tire pressure needs to be increased to 290 kPa).

Exterior rearview mirror

If the rearview mirror with standard configuration is not sufficient to see the road conditions behind the trailer, an additional exterior rearview mirror must be installed. These two additional exterior rearview mirrors should be fixed on foldable brackets. Please adjust these two rearview mirrors to provide sufficient visibility to the rear of vehicle.

Headlamp

- Before driving with a trailer, please check the setting of headlamp.

- **If you frequently drive with a trailer, we recommend performing additional maintenance on the vehicle between two maintenances.**
- **After towing, the overload mass of front vehicle cannot exceed 100 kg, and in this case, the vehicle speed cannot exceed 100 km/h, and the rear axle tire pressure is 0.2 bar higher than before.**

Driving guide

Be particularly careful when driving with trailer.

Weight distribution

Towing a loaded trailer with an unloaded vehicle is extremely detrimental to load distribution. However, if you must drive in this combination, the vehicle speed must be particularly slow.

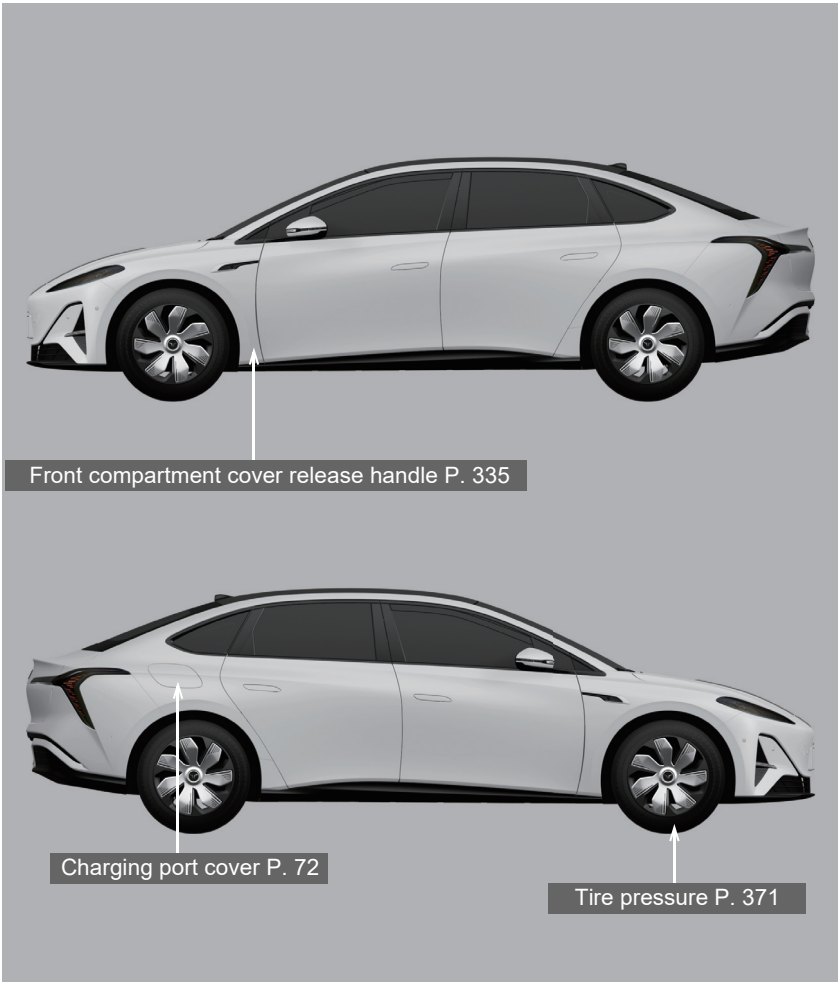
Vehicle speed

- The vehicle speed when driving with a trailer must not exceed 80 km/h. If the front and rear vehicles meet specific technical prerequisites when towing, the maximum vehicle speed of 100 km/h is available. Please pay attention to the special regulations attached by each country.
- The driving stability of the two vehicles decreases with the increase of vehicle speed. Therefore, when the road conditions, weather and wind speed are poor, you should not drive at the legally permitted maximum speed, especially on downhill sections.
- No matter how small the trailer swings from side to side, once it is noticed, the vehicle speed must be reduced immediately. Do not attempt to "straighten" the towing vehicle and trailer by accelerating.
- Brake timely! For trailers with inertia brakes, brake gently and then depress quickly and evenly. This avoids brake shock caused by trailer's wheels locking up. Before driving downhill, energy recovery can be used to generate brake effect.
- The shaking of vehicle body can be reduced through additional stability auxiliary device. When the traction load is high, it is recommended to install this type of stability auxiliary device. These devices can be purchased and installed through professional enterprises.

Overheating

When outside temperature is high, please pay attention to the coolant temperature. If the alarm for high coolant temperature is issued or a decrease in power is felt, reduce the vehicle speed immediately.

References for charging station



List of accompanying tools

Illustration	Name	Quantity
	Warning triangle	1
	Towing eye	1
	Reflective vest	1