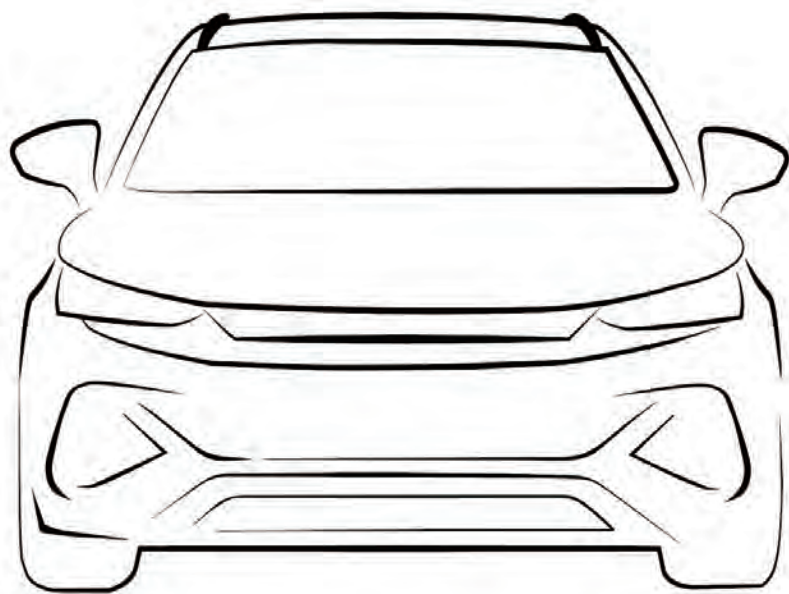




BYD ATTO 3

OWNER'S MANUAL



Foreword

Thank you for choosing BYD ATTO 3. To better use and maintain your BYD ATTO 3, please read this manual carefully and keep it properly after reading.

Special Instructions: BYD recommends that you choose genuine spare parts and use, maintain, and repair the vehicle properly in accordance with this manual. The use of non-genuine spare parts to replace or modify the vehicle will affect the performance of the entire vehicle, especially its safety and durability. Vehicle damage and performance issues caused by use of non-genuine spare parts will not be covered by the warranty. In addition, modifications to vehicles may also violate national laws and regulations and local government regulations.

Thank you again for choosing BYD ATTO 3, and your valuable comments and suggestions are welcome. To enjoy better services, please provide your accurate contact information. If there is any change to the information, contact a BYD authorized dealer or service provider to update the information in the system. You are also advised to pay attention to the relevant national laws and regulations and local policies, and register the vehicle as soon as possible; otherwise vehicle registration may fail.

The descriptions marked with "*" in this manual only applies to some models, and the pictures used only represent one configuration. If there is any discrepancy with your vehicle, the actual configuration shall prevail.

Pay attention to the "REMINDER", "CAUTION" and "WARNING" symbols in this manual, and follow the instructions carefully to avoid injury or damage. These symbols are defined as follows:



REMINDER

Items that must be observed to facilitate maintenance, etc.



CAUTION

Items that must be observed to avoid damage to the vehicle.



WARNING

Items that must be observed to ensure personal safety.



is a safety mark that indicates an operation that should not be performed or an event that should not happen.

This manual is expected to help you use the product correctly, and does not provide any description of the configuration and software version of this product. For details about the product configuration and software version, please refer to the contract (if any) related to this product, or consult the seller who sold the product to you.

Sustainability

As a pure electric passenger vehicle, the BYD ATTO 3 is an environmentally friendly product. Please visit <https://reach.bydeurope.com> for environmental protection information about the vehicle.

It is everyone's responsibility to protect the environment. Please use this vehicle properly and dispose of any waste and cleaning materials according to the corresponding local laws and regulations.

Contact us

If you require assistance or clarification on policies or procedures, please contact the customer service center.

E-mail: Bydautoservice@byd.com.

Call 00800-10203000 for 24/7 roadside assistance or customer service center (Monday-Saturday 9:00-18:00).

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Model Overview

BYD ATTO 3 is a pure electric passenger car that is built to be environmentally friendly. It features a load-bearing body, front-to-rear longitudinal beam, and high-voltage battery pack integrated with the body to fully ensure the safety of the battery and entire vehicle.

Driven by electric motors in various working conditions, BYD ATTO 3 can achieve zero emissions.

Being purely electric, the vehicle features very low noise inside and outside, providing an exceptional driving and riding experience unmatched by any fuel vehicle.

The safety of the high-voltage system is a priority in the vehicle design so that the driver and passengers are protected in case of a collision.

The battery management unit continually monitors the high-voltage battery and adjusts its output based on the voltage, current, and other performance indicators of each battery cell, preventing issues affecting battery performance such as over-charging, over-discharging and overheating. This ensures that the batteries work under ideal conditions at all times.

The 150 kW motor provides the BYD ATTO 3 with high speed, high torque and powerful start-up acceleration.

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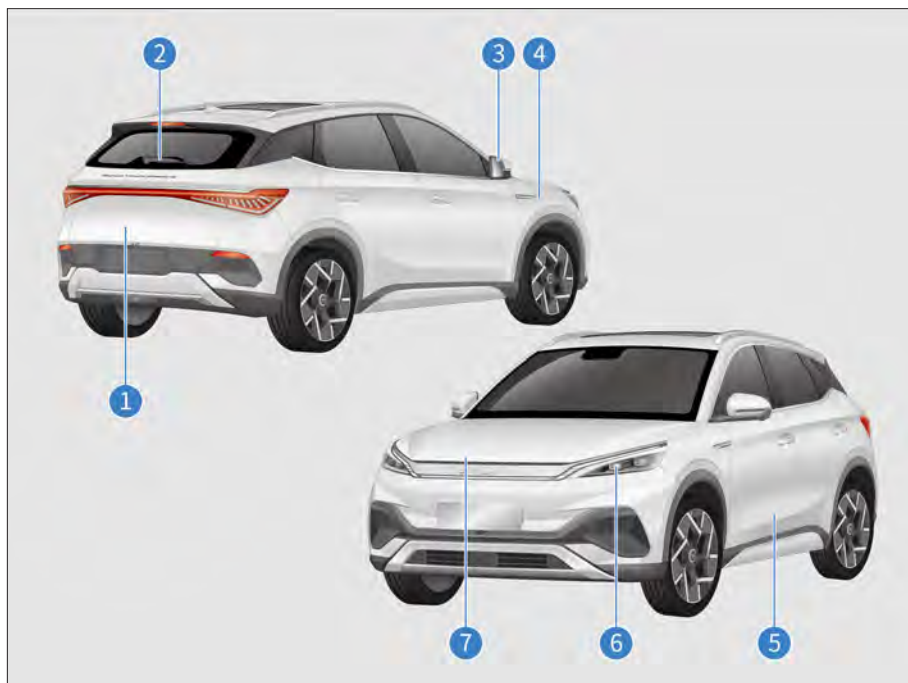
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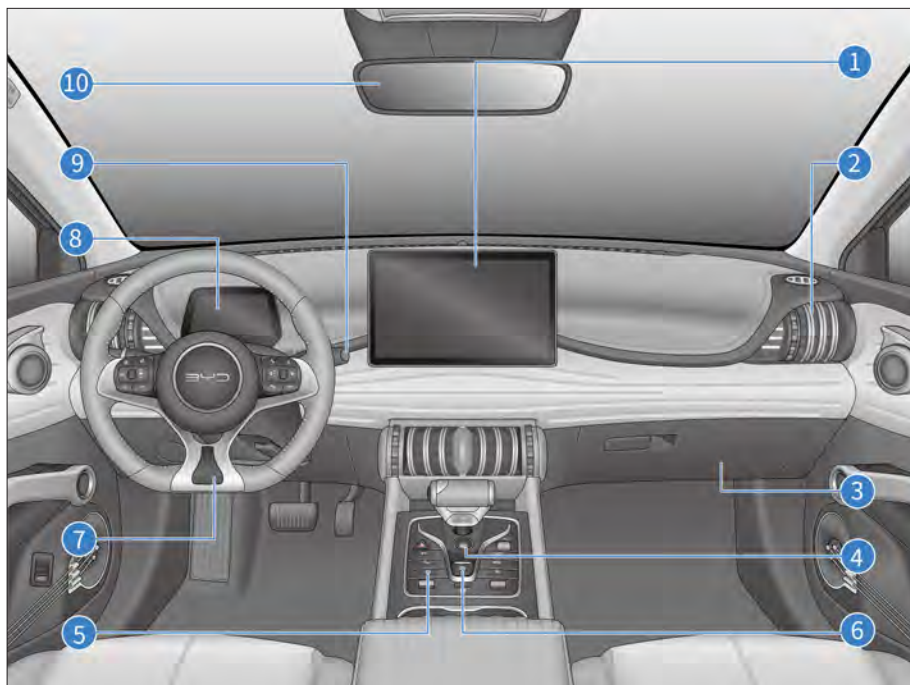
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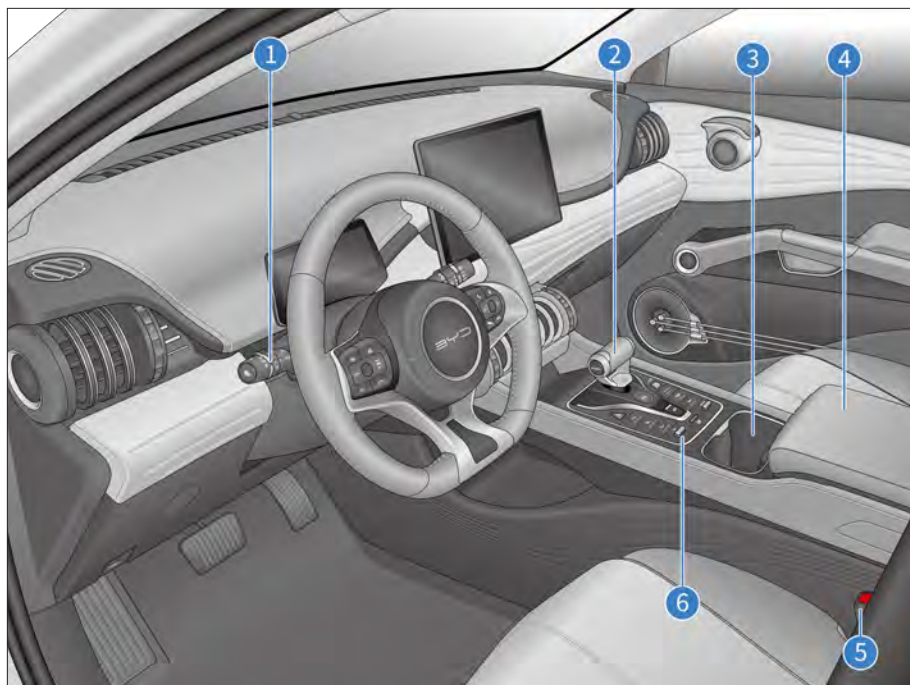
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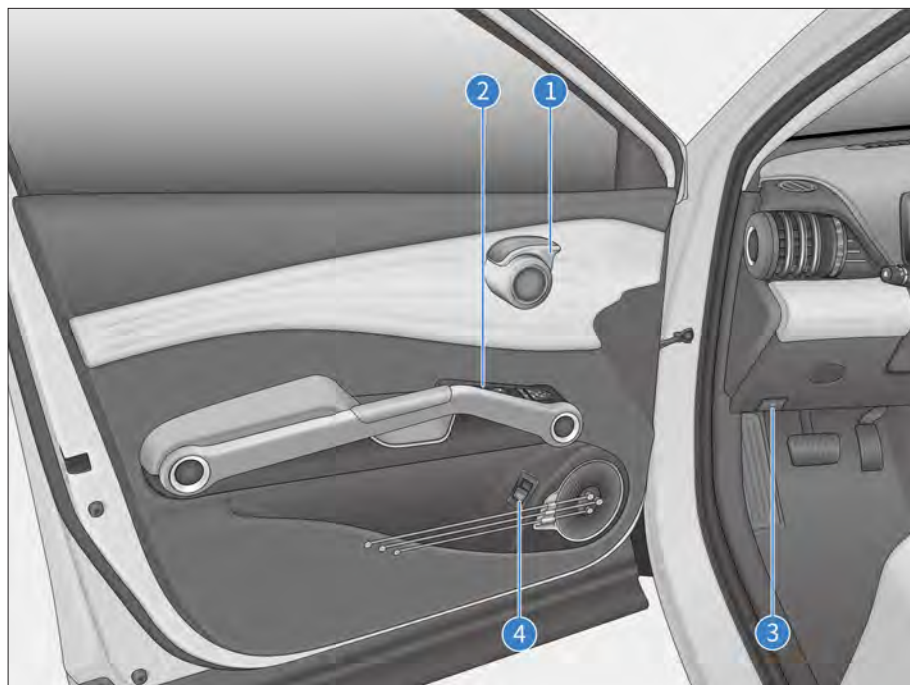
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Seat Belts

Seat Belts

Studies have shown that proper use of seat belts can significantly reduce casualties in emergency braking, sudden steering or collisions. Please read the following information carefully and observe it strictly.

CAUTION

- Always have the seat belts fastened while the vehicle is in motion.
 - Before driving, make sure all occupants are properly buckled up to prevent serious injury or death in emergency braking or in a collision.
 - The seat belts are designed primarily for adults and are not intended for children. Make sure to choose an appropriate child restraint system according to your child's age and size (see "Child Restraint Systems").
 - If a seat belt is damaged or malfunctions, immediately contact a BYD authorized dealer or service provider for confirmation and handling. Until then, do not use the corresponding seat.
-
- BYD has highly emphasized that all occupants should always fasten their seat belts while in the vehicle. Failure to do so increases the risk of injury in case of an accident.
 - The installed seat belts are designed for adults. Appropriate seat belt selections are necessary for different situations.
 - Children must sit in the rear seat and must fasten seat belts for protection. Accident statistics indicate that a child who sits in the rear seat and properly uses a child restraint device is much safer than a child sitting in the front seat.

- Do not allow children to travel standing or kneeling on the rear seat, nor sitting on someone's lap, for there is a high risk of serious injury in case of emergency braking or collision.

Emergency Locking Retractor Function

- When the driver turns sharply, brakes suddenly, when there is a collision, or when the occupant leans forward too quickly, the seat belt automatically locks to effectively restrain and protect the occupant.
- When the vehicle travels smoothly, seat belts are pulled out and retracted as the occupants move slowly and smoothly, allowing the occupants to move freely.
- If the seat belt locks due to sudden retraction, pull on the seat belt webbing to create retractable slack in order to pull out the seat belt.

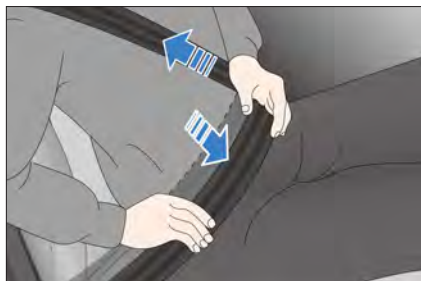
Seat Belt Pretensioner and Force Limiter Function*

When there is a serious frontal collision and the triggering conditions of the pretensioner and force limiter are met, the pretensioner quickly retracts part of the seat belt to enhance protection. The force limiter buffers the seat belt's restraint force on the occupant's body within a certain range, to prevent injury from excessive restraint force.

Using Seat Belts

1. Adjust the seat position and seatback angle (see "Adjusting Front Seat with Power*").
2. Adjust the position of the three-point seat belt.

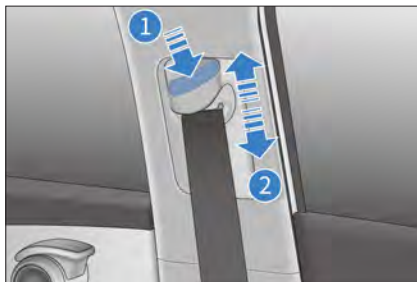
- Keeping a proper sitting posture, pull the seat belt out so that it is diagonally across the chest. The belt should not go under the arm or across the back of the neck.
- Keep the lap section of the belt as close as possible to the hips.



3. Insert the latch into the buckle until it clicks, and then pull it back to make sure it is firmly locked. Do not fasten the belt with any part of the strap twisted.



4. Adjust the height of the (front) seat belts for optimum comfort and protection.
 - ① Press the adjuster release button.
 - ② Move the adjuster up or down to the intended position. Release the button to lock the adjuster.



5. Pull the belt firmly to check that the adjuster is locked.

! REMINDER

- The shoulder belt should cross the center of the shoulder. The seat belt should be far from the neck and not liable to slip from the shoulder; otherwise, it cannot function well in the event of emergency braking or accident, and may even cause severe injury.
- The lap belt should be positioned as low as possible around the hips to avoid serious injury due to the intense lap belt forces against the abdomen in an accident.
- The seat belt should be fitted tight to the body for better protection.

6. Unlock the seat belt.

- Press the red unlock button on the buckle. The latch plate pops out, and the seat belt automatically retracts.
- If the seat belt does not retract smoothly and automatically, pull it out and check whether it is twisted.



! CAUTION

- Each seat belt should be used by one occupant only. Do not share a seat belt with another occupant, not even with a child.
- Avoid traveling with the seatback leaning too far back. The seat belt protection performs best when the seatback is upright.
- Make sure that no seat belt or its spring bolt/buckle becomes pressed by the door or rear seatback; otherwise, the seat belt may be damaged.
- Check the seat belts regularly for cuts, wear, looseness, and other abnormalities. If any problem is found, contact a BYD authorized dealer or service provider for confirmation and handling. Until then, do not use the corresponding seat.
- Do not remove, disassemble or modify the seat belts without permission.
- After an accident, have the seat belts checked at a BYD authorized dealer or service provider. If the preloading function is activated, the seat belt must be replaced. Use an approved model whenever you replace the seat belt.

! CAUTION

- In the event of a serious accident, even if there is no apparent damage, the seat belt should be replaced along with the seat assembly. The airbag system should also be thoroughly inspected.
- Pregnant women should also fasten the seat belt properly as other occupants, and pay special attention to the lap belt which should be positioned as low as possible around the hips to avoid serious injury to them and their fetus due to the intense lap belt forces against the abdomen in an accident.
- The method of wearing a rear seat belt is the same as that for a front seat belt. For normal functioning of the rear seat belt, please ensure that its latch is inserted into the corresponding buckle during use. The driver should ensure that all occupants are wearing seat belts before driving the vehicle.
- Do not insert foreign objects such as coins and clips into the buckle as they prevent proper connection between the latch and buckle.

Seat Belt Reminders

If any occupant has not buckled up after the vehicle is started, visual and audible alarm go off and continue until the corresponding seat belt is properly fastened.

- Seat belt reminder indicator
This indicator flashes if any seat's belt is not fastened.
- Display of unfastened belt's seat
The indicator for the seat with unfastened seat belt lights up.

- Unfastened seat belt reminder

If any vehicle occupant has not buckled up after the ignition is switched on, the seat belt reminder indicator and the indicator associated with the corresponding seat light up. If the seat belt remains unfastened while driving, in addition to the reminder indicator, an audio alarm sounds to remind the driver and occupants.

- When the driver, the front passenger and rear passengers fastened their seat belts*, the unfastened seat belt indicator turns off and all indicators displayed for the corresponding seats turn off.

REMINDER

- If the above functions are abnormal or fail, contact a BYD authorized dealer or service provider.
- When driving, make sure all occupants have their seat belts properly fastened to prevent serious injury or death in emergency braking or in a collision.

Airbags

Airbags

- The airbag system is a part of auxiliary restraint system and also a supplement to seat belts. When the vehicle is involved in a serious collision and the airbag system meets its deployment conditions, relevant airbags will rapidly deploy and, along with seat belts, provide additional protection for heads and chests of the driver and occupants, to reduce likelihood of personal injury or even death.

- Airbags are divided into front and side types, according to the type of collision. The front airbags include a driver airbag and a front passenger airbag, while the side airbags include front seat side airbags and side curtain airbags.
- As an integral part of the vehicle's passive safety protection system, the airbag system does not replace seat belts, and must be used in combination with seat belts to maximize protection.

Multi-collision brake (MCB) function

- If an accident requires front airbags activation, the vehicle will engage automatic braking.
- Speed reduction, along with intervention by additional driving systems (ESC and ABS), will assist the vehicle to maintain stability and lane position.
- Hazard and brake lights will also light up to alert oncoming traffic and prevent further collisions.
- To support emergency service rescue and vehicle recovery, brakes will release and brake lights will go off after the accident.
- The driver can interrupt the multi-collision braking at any time by accelerating or braking.

CAUTION

- Occupants must sit in a proper position to maximize the protection provided by seat belts and the airbag system.
- Do not disassemble or assemble airbag components without authorization.
- Non-BYD genuine seat covers may worsen the airbag performance or result in injury. Do not place anything between the side airbag and the occupant.

CAUTION

- Do not apply excessive force to the side of seats equipped with side airbags.
- After a collision, even if the airbag module did not deploy, and the pretensioner did not lock the seat belt, the airbag computer may be encrypted in order to protect occupants from high-voltage danger. Contact a BYD authorized dealer or service provider for inspection.

Driver and Front Passenger Airbags

This vehicle is equipped with driver and front passenger airbags, when the Electronic Control Unit(ECU) of the airbag system detects a moderate to severe front impact during driving and the triggering conditions are met, the airbags deploy.



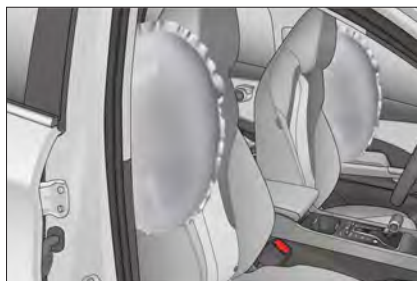
Front airbag deployment

- In moderate to severe frontal crashes, a sensor detects a sharp deceleration and sends a signal to the ECU to trigger the front airbags.
- When there is a frontal crash, the seat belt secures the occupant's lower body and torso in place. The airbag cushions and protects the occupant's head and chest.

- When the severity of the impact does not reach the airbag deployment threshold, the seat belt provides enough protection.
- The front airbag deflates immediately after inflation, without affecting the driver's vision and ability to operate the steering wheel or other controls.
- The airbag deploys within a thousandth of a second.
- A loud noise will be heard when the airbag deploys. It will not cause injury, but it may cause tinnitus or temporary deafness.
- A cloud of dust from the airbag surface may come off when the airbag deploys. Although such powder is non-toxic, individuals with respiratory problem might experience some temporary discomfort.
- The front passenger airbag is controlled by the passenger airbag (PAB) switch. For details, see "PAB Switch*" for details.

Front Passenger Side Airbags

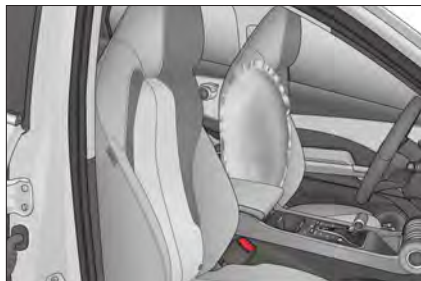
The vehicle you purchased is equipped with side airbags for the left and right front seats (installed in the outer edges of the front seat backrests and marked with "AIRBAG", as shown in the figure):



- When a moderate to severe side impact is detected during vehicle travel and the triggering conditions are met, the side airbag deploys to protect the occupant's chest.
- Generally only the airbag on the impacted side deploys in the event of a side impact.
- If the impact occurs on the passenger side, the airbag on the passenger side deploys even if there is no passenger in the seat.
- For optimal side airbag protection, occupants must have their seat belts fastened and sit upright against the seat back.

Front far side airbag:

- The vehicle you purchased is equipped with a front far-side airbag (installed in the inner edge of the driver's seat backrest and marked with "AIRBAG", as shown in the figure):



- When a moderate to severe front or side impact and the triggering conditions are met, the far side airbag deploys to protect the heads and shoulders of the driver and the front passenger.
- If the impact occurs on the front passenger side, the far side airbag deploys even if there is no passenger in the seat.
- For optimum protection from the driver far side airbag, the occupant must have their seat belt fastened and sit in an upright position.

In a vehicle equipped with seat side airbags:

- Prevent the seat backs from getting wet. If they get wet from rain or splashes, the side airbag system may not work properly.
- Do not cover or replace seatback covers on your own. Unsuitable seat back covers may prevent airbag deployment.

Side Curtain Airbags

- The vehicle is equipped with curtain airbags for the left and right front seats (installed at the junction of the body side trim and the ceiling and marked with "AIRBAG" on the A-pillar, B-pillar, and C-pillar trims, as shown in the illustration).
- When a moderate to severe side impact is detected by ECU during vehicle travel and the triggering conditions are met, the side curtain airbag deploys to protect the head of the occupant on the side of collision.



- Generally only the airbag on the impacted side deploys in the event of a side impact.
- For optimum curtain airbag protection, the occupant must have their seat belt fastened and sit in an upright position.

Airbag Triggering Conditions

Airbag Triggering Conditions

- The airbag triggering conditions are: In the event of a vehicle collision, whether an airbag will be triggered is decided by factors such as the amount of collision energy, accident type, collision angle, obstacles, and vehicle speed. The airbag system may be triggered in special collisions.
- The airbag system does not always work in any accident, and generally it will not be triggered in the event of a minor frontal collision, rear collision or rollover. In this case, the driver and passengers are protected by their properly fastened seat belts.
- Determinants of airbag system triggering: Decision is made by comparing the deceleration curve, generated in the collision and obtained by the ECU, and the set value. If signals, such as the deceleration curve generated and measured in the collision, are lower than the respective reference values preset in the ECU, the airbag system will not be triggered even if the vehicle may have been seriously deformed in the accident.
- The ECU of the BYD airbag system has been set up with considerations of common misuse and road conditions. However, due to the increasing changes in causes and forms of vehicle collisions, for your safety, please strictly follow this user manual, use the vehicle correctly, and avoid its misuse. Otherwise, there is no guarantee that the airbags will achieve their expected effect.

Cases When Airbags May Be Deployed

The vehicle's nose hits the ground when crossing a deep groove.



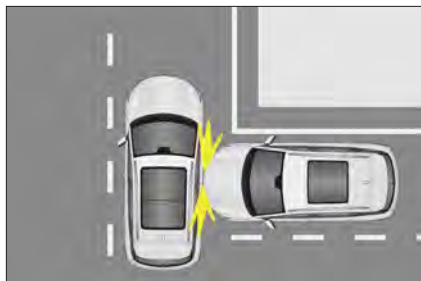
The vehicle hits a bump or curbstone.



The vehicle's nose hits the ground when going down a steep slope.



One side of the vehicle is hit by another vehicle.



The tail of the vehicle is hit by another vehicle.



Cases When Airbags May Not Be Deployed

The vehicle hits a concrete column, tree, or other slim objects.



The vehicle rolls over.



The vehicle hits a wall or a vehicle at a side other than the front side.



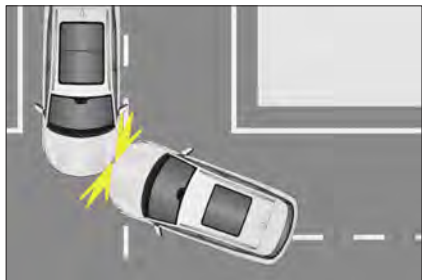
The vehicle goes under a truck or another large vehicle.



Parts other than the passenger compartment receive side impact.



The lateral side of the vehicle is hit diagonally..



The lateral side of the vehicle hits a columnar object.



WARNING

- Airbags are designed for specific models. Any changes to suspension, tire size, bumpers, chassis and factory-equipped devices may adversely affect the airbag system. Users must not use any parts of the airbag system on other car models; doing so may lead to failure of the airbag system.
- Drivers should maintain a distance of at least 25 cm between their chest and the steering wheel, in order for the system to provide the most effective driver protection.
- Fasten your seat belt and sit properly while the vehicle is in motion. If the seat belt is not fastened, and the occupant is leaning forward or sitting improperly, airbag deployment can increase the risk of injury.
- Do not paste stickers, cover or decorate the hub cover of the steering wheel, the right side surface of the dashboard or the surface of A, B, and C pillar trims. Clean these surfaces with a dry or damp cloth, without applying too much pressure.
- A child is not to be seated in the front passenger seat, nor are they to ride sitting on a front passenger's lap, to prevent serious injury or even casualty caused by airbag deployment.
- Accessories, such as telephone holders, cups, ashtrays, must not be installed on airbag covers or within their action range. Otherwise, airbag deployment will increase the risk of injury in an accident.

 WARNING

- Side airbags and side curtain airbags deploy quickly with high impact forces. Occupants must not lean against the doors of vehicles equipped with these airbags while these vehicles are in motion. Failure to do so could result in serious injury or even death.
- Do not modify or replace seats or trims of the seats with side airbags. These changes may prevent normal deployment of side airbags, and thereby cause airbag system failure or unintended deployment of side airbags, resulting in serious injury or death.
- Do not place any other accessories or items within the action range of side curtain airbags, including the windshield, side door glass, A-pillar trim, ceiling, B-pillar trim, C-pillar trim and auxiliary handles. When the side curtain airbag deploys, the accessories or items will be thrown by the impact force from the side air curtain airbag, or the side curtain airbag may not deploy normally, resulting in serious injury or even death.
- When transferring car ownership, make sure to pass on all of the vehicle's documents.
- Do not disassemble or repair the A-pillar trim, ceiling, B-pillar trim or C-pillar trim, which contain side curtain airbags. These changes can cause failure of the airbag system or accidental deployment of curtain airbags, which may cause serious injury or even death.

 WARNING

- Do not change any component of the airbag system, including any corresponding label. It is recommended that any operation done to the airbags be performed by a BYD authorized dealer or service provider.
- Airbags can only provide one-time accident protection. Once the airbag is triggered or damaged, the airbag system must be replaced.
- Follow safety regulations and procedures related to the scrapping of parts of the vehicle or its airbag system.
- The airbag system has strong anti-interference and anti-disturbance resistance to electromagnetic fields around it. However, to avoid accidents, do not use the vehicle in an electromagnetic environment that violates national regulations.
- The airbag system of this vehicle is designed with full consideration of domestic common misuses and road conditions. However, in order to avoid accidents, do not have the bottom of the vehicle impacted or drive roughly in harsh road conditions.
- This vehicle's airbag system has been fully verified to seamlessly match the vehicle's original wiring harness system. Any wiring harness modification or alteration may cause the airbags to deploy mistakenly under normal conditions or fail to deploy in the event of a collision.

It is recommended that you contact a BYD authorized dealer or service provider immediately if any of the following situations occurs.

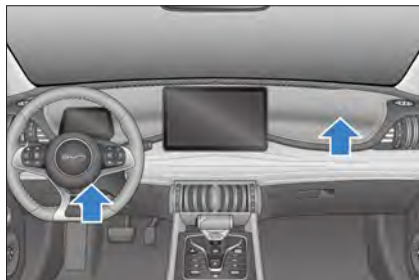
- The airbag has deployed.
- Instrument cluster airbag warning light  lights up abnormally.
 - This airbag system is monitored by the ECU and has a self-diagnosis function. Its status is displayed by the airbag warning lights on the instrument cluster.
- With the ignition on, if the airbag warning light stays on for about five seconds and then disappears for more than five seconds, the system is running smoothly.

If any of the following events occurs, the airbag system is faulty. Please contact a BYD authorized dealer or service provider immediately.

- When the ignition is switched on but the warning light goes off.
- When the ignition is switched on but the warning light does not go off after five seconds, or goes off and then on again.
- When the ignition is switched off but the warning light turns on.
- This warning light turns on or flashes during driving.
- There is a collision with the front of the vehicle (highlighted area shown), but the front airbags do not deploy.



- The airbag cover has been scratched, cracked or otherwise damaged.



- Airbags need to be removed, disassembled, installed or repaired.
- Side airbags and curtain airbags have deployed.
- An impact to a vehicle door in an accident is not adequate to cause the airbag to deploy.
- The surface of the seat with a side airbag is scratched, cracked, or damaged similarly.
- Decorative (liner) parts at A-pillar with built-in curtain airbags, roof beam and C-pillar are scratched, cracked, or damaged similarly.

Child Restraint Systems

Child Restraint Systems

Choose a suitable child restraint system for your child's age and stature.

Europe recommended child restraint systems:

Group	Child Weight	Child Restraint System	Category
Group 0	Up to 10 kg	—	—
Group 0+	Up to 13 kg	Maxi Cosi Cabriofix	Universal
Group 1	9 to 18 kg	Britax Römer King II LS	Universal
Group 2	15 to 25 kg	Britax Römer KidFix ² S	Universal Semi-universal
Group 3	22 to 36 kg	Britax Römer KidFix ² S	Universal Semi-universal

① Group 0+

② Group 1

③ Group2/Group3



- Please select a suitable child restraint system for your child's weight and stature.
- Children who are too big for a high-back child restraint system may be seated in a second-row outboard seat with a booster seat, either attached to the lower anchorage points or belted, as described in the instructions provided by the child restraint system manufacturer.

CAUTION

- Do not allow occupants to carry babies or infants on their laps.
- Children must always ride in appropriate child restraint devices.
- To ensure children are safely seated, follow all instructions provided in this document and the child restraint system manufacturer.
- BYD Auto recommends that children should use an appropriate child restraint system, and it is recommended that they are seated on a rear outboard seat.
- Always follow the detailed instructions provided by the manufacturer of the child restraint system.
- Secure the top tether when installing the child restraint system.
- Always make sure the child restraint system is tightly fastened.
- Always secure it according to the instructions for the child restraint system, or store it safely in the trunk.

Installing ISOFIX/i-Size Child Restraint Systems

Rear outboard seating position

- The rear outboard seats are equipped with ISOFIX/i-Size anchorages.
- The anchorage locations are identified by a marking (see illustration) located on the seatback, directly above the associated anchorages.



- The rear seats are equipped with tether strap anchorages on the back.



Installing the child restraint system

Identify the appropriate anchorages and install the child restraint system.



CAUTION

- The anchorages are located in the gap between the seat cushion and the seatback.

When any child restraint system is installed, except for a booster seat without a back, it is advised that the adjustable head support is removed, and stowed safely.

When a booster seat without a back is installed, the adjustable head support must remain fitted, and adjusted to the appropriate height for the seated child.

When the seat position does not have any child restraint system or booster seat installed, the adjustable head support must remain fitted, and adjusted to the appropriate height for the occupant.

Attach the tether strap to the anchorage, then tighten the top tether as per the instructions provided by the manufacturer of the child restraint.

Make sure that the tether strap is attached securely.

① Top tether

② Anchorage



⚠ CAUTION

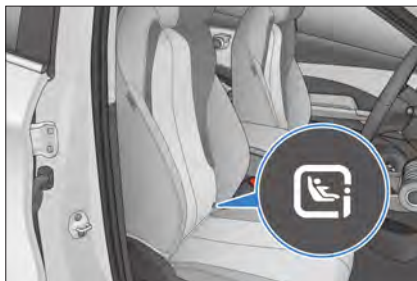
- Before installing the child restraint top tether, remove the cargo cover.
- If a head support is removed, make sure to store it safely in the luggage compartment.
- BYD recommends installing the child restraint system using the ISOFIX anchorage points of the vehicle.
- If the driver seat obstructs or interferes with the correct installation of the child restraint system on the rear outboard seat behind the driver, install the child restraint system on the other rear outboard seat.

Child restraint installed on front passenger seat

- When using a rear-facing child restraint, switch off the front passenger seat airbag by the PAB switch.
- For details, see PAB Switch*
- Identify the appropriate anchorages and install the child restraint system.



- The rear outboard seats are equipped with ISOFIX/i-Size anchorages. The anchorage locations are identified by a marking (see illustration) located on the seatback, directly above the associated anchorages.



- The front passenger seat is equipped with a tether strap anchorage on the back.

⚠ WARNING

- Never use a rear-facing child restraint on the front passenger seat with the airbag activated.
- Front-facing passengers (children and adults) must never sit on the front passenger seat if the passenger airbag is deactivated.
- When a forward facing child restraint system is used on the front passenger seat, ensure the seat is positioned fully rearward away from the active airbag.
- Before seating a child, ensure the child restraint system is securely installed and does not rotate or move away from the seat.
- When using a child restraint system, always ensure that the anchorages are not obstructed; the seat belt is in the correct position; and the child restraint system is securely installed.
- Failure to follow the advice given, or to follow the instructions from the child restraint system manufacturer, can endanger life or lead to serious personal injury.

⚠ CAUTION

- Extension straps may be required to connect the top tether to the anchorage, if the top tether length is insufficient.
- When installing a size class R3 child restraint system, ensure the seat is fully rearward before the installation.
- Where applicable to use a top tether strap with the child restraint system, ensure the strap is routed through the hole in the head support before attaching and tensioning the strap to the anchorage point at the base of the seat.



- For details about installing the child restraint system on the front passenger seat, see the preceding description.

Securing a child restraint with the seat belt

- Only use child restraints that are recommended by BYD, are universally approved, or are semi-universal and where the vehicle model is included on the child restraint manufacturer's vehicle list.
- Installation options are shown in the table below.

Group	Child Weight	Front passenger seat		Rear seat
		Front passenger front airbag activated	Front passenger front airbag deactivated	
Group 0	Up to 10 kg	X	U	U
Group 0+	Up to 13 kg	X	U	U
Group 1	Rear-facing	X	U	U
	Forward-facing	U	X	U
Group 2	15 to 25 kg	U	X	U
Group 3	22 to 36 kg	U	X	U

Note: Table definitions:

U: universal

X: seat not suitable for securing a child restraint of this group.

Quick guide to ISOFIX and i-Size installation

- The identification marking of the ISOFIX or i-Size anchorage points is equipment and country dependent.
- The following table shows the installation options for ISOFIX or i-Size child restraint at the ISOFIX or i-Size anchorage points of the individual vehicle locations.

Group	Child restraint orientation	Size class/ ISOFIX class	Front passenger seat		Outboard rear seat	Center rear seat
			Front passenger front airbag activated	Front passenger front airbag deactivated		
Group 0: Up to 10 kg	Rear-facing	E/R1	X	IL-SU	IL-SU	X
Group 0+: Up to 13 kg	Rear-facing	E/R1	X	IL-SU	IL-SU	X
		D/R2				
		C/R3				
Group 1: 9 to 18 kg	Rear-facing	D/R2	X	IL-SU	IL-SU	X
		C/R3				
		B/F2X				
	Forward-facing	B1/F2X	IL-SU, IUf	X	IL-SU, IUf	X
		A/F3				
Group 2: 15 to 25 kg	Forward-facing	-	IL-SU	X	IL-SU	X
Group 3: 22 to 36 kg	Forward-facing	-	IL-SU	X	IL-SU	X
i-Size child restraint system	Rear-facing	-/R2	X	i-U	i-U	X
	Forward-facing	-/B2, F2X	i-U	X	i-U	X
Booster seat	Forward-facing	-/B2, B3	i-B	X	i-B	X

Size class:

- The size class shown corresponds to the permissible weight range of the child using the seat.
- The size class is indicated on the ECE approval label for child restraints with "universal" or "semi-universal" approval.
- A size class indication is affixed to the child restraint.

X:

- Seat not suitable for securing an ISOFIX or i-Size child restraint in this group.

IL-SU:

- Seat suitable for installing an ISOFIX child restraint with "semi-universal" approval.
- Refer to the vehicle list supplied by the child restraint manufacturer.

IUF:

- Seat suitable for installing an ISOFIX child restraint with "universal" approval.

i-U:

- Seat suitable for installing a front-facing or rear-facing i-Size child restraint with "universal" approval.

i-UF:

- Seat suitable for installing a front-facing i-Size child restraint with "universal" approval.

i-B:

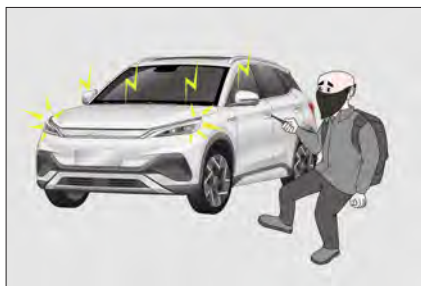
- Seat suitable for installing a forward-facing ISOFIX booster seat of Group 2/3 as well as a forward-facing i-Size child restraint for children with a height of 100 – 150 cm (approximately 39 – 59 inches).

Anti-theft System

Anti-theft System

Anti-theft System

If the vehicle is in anti-theft mode, it sounds an alarm and the turn signals flash when any door is opened.

**Enabling anti-theft system**

1. Switch the ignition off.
2. All occupants get off the vehicle.

3. Lock all doors. The anti-theft indicator will be steady on when all doors are locked. The anti-theft system will be enabled automatically 10 seconds later. When the system is enabled, the anti-theft indicator begins to flash.
4. You can leave the vehicle after confirming that the indicator begins to flash. Since unlocking the door from inside the vehicle will activate the system, never let anyone stay in the vehicle with the system enabled.

Triggering the alarm

- The system will raise an alarm in any of the following situations:
 - Any door, trunk, or hood is opened without using the keyless access function of the smart key.
 - The vehicle is powered on without using the smart key start function.

Anti-theft OFF

- Anti-theft alarm can be stopped by:
 - Unlocking the door with a valid smart key.
 - Use of an NFC to unlock the vehicle.
 - Use of the microswitch to unlock the vehicle.
 - Use of a valid smart key to remotely unlock the trunk.
 - Starting the vehicle remotely with a valid smart key.
 - Pressing the START/STOP button inside the vehicle while carrying a valid smart key.

! WARNING

- Do not make any changes or additions to the anti-theft system. Such changes could cause the system to malfunction.

Anti-theft Indicator

When the anti-theft system is enabled, the anti-theft indicator is steady on for 10 seconds.



Data Collection and Processing

Data Collection and Processing

- This section provides you with some important information on how personal data is collected and processed when you use a BYD vehicle.
- For a more detailed overview on data processing, data protection and data subject rights, please read the current version of the privacy policy for the vehicle available at the infotainment system (**Vehicle Settings → System Settings → More → Privacy Policy**).
- This vehicle is equipped with an event data recording (EDR) system that complies with European regulations. EDR mainly records data in the event of a crash or near-crash (for example, airbag deployment or hitting on a roadside obstacle) to help comprehend the vehicle system operation, such as:
 - Vehicle velocity
 - Tire pressure condition

- Adaptive cruise control (ACC) system status
- Whether the seat belt is fastened
- The vehicle only records EDR data when there is a crash or when a near-crash event reaches a certain extent. The EDR will not record any data during the normal driving of the vehicle.
- The data recorded by the EDR system provides an understanding of the state of the vehicle's safety-related systems when an accident occurs, so that relevant parties can analyze the accident.
- The EDR data needs to be accessed and read by special equipment. BYD discloses your personal data to third parties only if this is legally permissible or you have consented to it. In addition to the vehicle manufacturer, third-party agencies with professional equipment (such as government agencies) can also read the EDR data if they have access to the vehicle EDR and equipment (for example, they can read the data of SRS control unit to clarify the accident).

Vehicle Data Processing

- Data is collected when the vehicle is used, such as data collected or transmitted by vehicle sensors or control units, which is necessary for the safe functioning of your vehicle.
- In some cases, the data is used to support driving (driver assistance systems) or to enable a specific comfort or infotainment function.
- Personal data that is collected and processed mainly include in-vehicle data, remote-services-related data, and other data, as further specified below.

In-vehicle Data

Operation data

- When the vehicle is used, various vehicle status data (e.g., speed, battery level, and braking system) or environment (e.g., distance sensors and temperature) data is collected and processed.
- This data is not usually stored, but there are control units, sensors or other components installed in the vehicle that record such data, for example, to record maintenance requirements, error messages, or other information.
- The in-vehicle data will only be stored in the equipment in the vehicle but can be read out via the legally required OBD ("On Board Diagnostics") interface, for example, by BYD authorized dealer or service provider or other third parties.
- In case this access takes place during vehicle maintenance, the information can also be transmitted to BYD engineers for quality assurance, product defect reports, or customer claim verification.

Remote-services-related data

Remote monitoring services

- The vehicle has remote monitoring services.
- These include remote monitoring services such as remote diagnosis and over-the-air (OTA) updates and upgrades for security and safety purposes (subject to owner's approval).
- These monitoring services serve the following purposes: service provision (remote support/diagnostics), product development, and security/public safety.
- Depending on the country and setup, various vehicle information can be transmitted to BYD's data center in corresponding market for the above purposes, including vehicle location

information, vehicle status, such as energy consumption, vehicle speed, gear position, power mode, ESC status, steering system status, battery status, powertrain status, and overall vehicle performance status.

Other

Infotainment system

- Depending on vehicle configuration, data can be added to the infotainment system by the users themselves, such as media data for playing video on the infotainment system, address data for use in the navigation system, or data for use in online services.
- Depending on vehicle configuration, individual settings in and on the vehicle can also be entered.
- Data stored in the vehicle can be deleted at any time.
- BYD has no control over data transferred to third parties (from the use of third party content, in particular as part of online services).

Integration of mobile devices

- Depending on vehicle configurations, mobile devices can be connected and controlled through the vehicle's infotainment system.
- It may be necessary that the device's screen or audio is displayed/played through the infotainment system or transmitted to it.
- Additional data like positioning or vehicle information can be transmitted through applications for use in certain navigation systems, communication, or other third-party services.
- The specific type of data processing depends on the respective function and is controlled by the user or third parties such as the provider of the devices or corresponding services.

Internet Access and Connected Services

- Depending on vehicle configurations, the Internet can be accessed for certain functions or BYD services through the vehicle's infotainment system network devices.
- BYD is not liable for any such services provided by any other party.
- In such cases, please obtain information about the use of data from the provider of the respective online service.

Camera Image Recording/Surrounding Area Monitoring

- Your vehicle is equipped with a number of cameras/sensors.
- The reason for this is that some vehicle functionalities require the vehicle's path to be detected and assessed which is done by cameras that detect objects in the vehicle's surroundings (e.g., obstacles).
- The images are transmitted to the respective control module for further analytics required to operate the systems.
- Some images are just processed on a volatile basis (RAM), others may be stored, depending on vehicle equipment.
- The vehicle may be equipped with an outward-facing camera (OFC) that can be used to take footage of the surrounding (dashcam).
- The vehicle may also be equipped with an inward-facing camera (IFC), which can be used to take footage inside the vehicle.
- Both OFC and IFC footage is stored.
- You are responsible to check the laws of your residence if you turn the camera on.

- Please be aware of corresponding laws before turning on your OFC or IFC (for instance, in some countries consent is required for the use of IFC, and in others OFC is strictly restricted to dashcam purposes).
- For more camera details, see section "Panoramic View System" in this manual.

Permanent Vehicle Transfer to Third Parties and Offline Mode

- In case of a permanent vehicle transfer, i.e., second hand vehicle, or vehicle transfer by a third party for permanent use, it must be noted that any personalization/user settings made via the infotainment system (e.g. address list, navigation system, etc.) may be accessed by the new owner.
- You can also restrict your vehicle's communication with the BYD data server and the processing of vehicle-related and personal data by setting the vehicle to offline mode.
- On the infotainment touchscreen, tap  to turn Wi-Fi off.
- This can also be done by tapping  → **System Settings** → **Internet** → **Wi-Fi** → **OFF**.

Disclosure of Personal Data to Authorities

- BYD discloses your personal data to third parties only if this is legally permissible or you have consented to it.
- However, subject to applicable laws, government agencies may be authorized to read out data from vehicles (e.g. data can be read from the airbag control unit to clarify an accident).
- If required by law, BYD may also be obliged to disclose data upon request to governmental authorities in your country, e.g. in the investigation of a criminal offence.

Your Data Protection Rights

- BYD has staunch respect for its customer's privacy, and strictly complies with all data protection laws, in particular the General Data Protection Regulation (GDPR) and applicable local laws.
- According to these laws, owners have specific rights when their personal data is processed:
- Data subjects have the right of information and access, to rectification, erasure of personal data ("right to be forgotten") and the right to object to the processing of personal data or to restrict it (or to withdraw consent given earlier, as well as the right to data portability).
- These rights may be limited in some cases. For example, if we can show that we have a legal obligation to process your data, or if providing the information to you would disclose personal data about another person, or if we are legally prevented from disclosing that information.
- In some cases, this may mean that we can retain the data even if you withdraw your consent.
- For more information on data processing, data protection, and any rights you may have, please visit the latest version of the Privacy Policy available at the infotainment system (**Vehicle Settings → System Settings → More → Privacy Policy**).

02

INSTRUMENT CLUSTER

Instrument Cluster.....36

Instrument Cluster

Instrument Cluster View

LCD Instrument Cluster



- | | | | |
|---|-----------------------|----|--------------------------|
| 1 | Time | 6 | Total mileage |
| 2 | Power meter | 7 | Remaining driving range |
| 3 | Speedometer | 8 | Gear status |
| 4 | State of charge (SOC) | 9 | Drive mode information |
| 5 | Outside temperature | 10 | Energy regeneration mode |

Instrument Cluster Indicators

Indicators and Warning Lights

	Turn signal indicator		Position light indicator
	High beam indicator		Rear fog light indicator
	OK indicator		Front fog light indicator*
	ECO indicator		SPORT indicator
	AVH indicator		HDC indicator*
	Exterior light switch indicator		HMA indicator*
	Discharge indicator		All-weather sensor indicator
	ACC standby indicator (gray)*		ACC speed indicator
	ACC status indicator*		AVH standby indicator (white)
	Regular cruise control indicator		Regular cruise control main indicator
	Traffic jam assistant (TJA) indicator*		PCW indicator (green)
	AEB fault warning light*		Smart key warning light

	Tire pressure fault warning light		Main alarm indicator
	ESC OFF warning light		ESC fault warning light
	ABS fault warning light		Driving power limit warning light
	Headlight fault warning light		Snow mode indicator
	High-voltage battery low SOC warning light		ACC fault warning light
	BSD indicator*		PCW warning light (red)
	Motor overheating warning light		Motor coolant overheating indicator
	Seat belt reminder indicator		Airbag fault warning light
	EPB indicator		Parking system fault warning light
	Steering system fault warning light		High-voltage battery charging connection indicator
	Low-voltage power system fault warning light		High-voltage battery overheating warning light
	High-voltage battery fault warning light		Powertrain fault warning light
	TSR indicator*		

Warning Lights/Indicators Description



Smart key warning light

- If the key is not in the vehicle when you press the START/STOP button, this warning light comes on for a few seconds, a beep sounds, and the message "No key detected, please confirm if the key is in the vehicle" is displayed on the instrument cluster.
- If you press the START/STOP button while an electronic smart key matching the model is in the vehicle, this warning light does not light up. The vehicle can now be powered on.
- If the warning light flashes after you press the START/STOP button, it indicates low battery of the key.
- If the key is not in the vehicle, the instrument cluster prompts "No key detected, please confirm if the key is in the vehicle".



ABS fault warning light

- This warning light comes on when the ignition is on. If the anti-lock braking system (ABS) is working properly, the light goes out in a few seconds. Thereafter, if the system fails, the light lights up again until the fault is cleared.
- When the ABS fault warning light is on (with the parking system fault warning light off), the braking system continues to operate whereas the ABS does not.
- When the ABS fault warning light is on (with the parking system fault warning light off), since the anti-lock braking system does not operate, the wheels will be locked in case of emergency braking or braking on a slippery road.

- If any of the following cases occurs, it means there is a fault in components monitored by the warning light system. In that case, contact a BYD authorized dealer or service provider for vehicle inspection as soon as possible.

- This warning light does not come on or is steady on when the ignition is on.
- This warning light is steady on while driving.



REMINDER

- A warning light that lights up briefly during operation does not indicate that there is a problem.
- If the parking brake system warning light and the ABS warnings light up at the same time, immediately stop the vehicle safely and contact a BYD authorized dealer or service provider. In this case, when the brake is applied, not only will the anti-lock braking system fail to work, but the car will also become extremely unstable.



Tire pressure fault warning light

- This warning light comes on when the ignition is on. It turns off in a few seconds if the tire pressure monitoring system is working properly. If the system fails, this warning light turns on again.
- When the tire pressure fault warning light comes on or flashes, the message "Please check TPMS" is displayed on the instrument cluster, and the tire pressure is displayed as "---", it indicates that the tire pressure system is faulty.

- When the tire pressure value displays "No Signal", it indicates that the tire pressure signal at the location of the vehicle may be disturbed or the tire pressure monitoring module is damaged.
- When the tire pressure fault warning light flashes rapidly, and one or more values turn red on the tire pressure screen on the instrument cluster, the corresponding tire is leaking rapidly.
- When the tire pressure fault warning light is solid on and one or more values turn yellow on the tire pressure screen on the instrument cluster, the corresponding tire is in under-pressure condition. When the temperature value of one or more tires turns yellow, it indicates that the tire temperature is too high.

In the event of any of the situations above, it is recommended to contact a BYD authorized dealer or service provider for inspection as soon as possible.



ESC fault warning light

- This warning light comes on when the ignition is on. If electronic stability control (ESC) functions properly, the light goes out in a few seconds. If the system fails, this warning light turns on again until the system fault is cleared.
- If the ESC warning light flashes temporarily while the vehicle is in motion, it indicates the ESC system is working.
- When the ESC warning light turns on (with the ABS fault warning light and the parking system fault warning light off), the ESC fails, but the ABS and the braking system continue to operate normally.

- When the ESC warning light turns on (with the ABS fault warning light and the parking system fault warning light off), the ESC system does not work. This means the vehicle is extremely unstable at sharp turns or when the driver steers away from obstacles ahead.
- If any of the following cases occurs, it means there is a fault in components monitored by the warning light system. In that case, contact a BYD authorized dealer or service provider for vehicle inspection as soon as possible.
 - This warning light remains off (self-check not performed) after the vehicle is powered on.
 - This warning light is steady on while driving.



REMINDER

- During operation, a warning light that lights up briefly does not indicate that there is a problem.
- If the ESC warning light is still on while the ABS warning light and the brake system warning light are on, stop the vehicle safely and contact a BYD authorized dealer or service provider. In this case, when the brake is applied, not only will the car become extremely unstable, but the anti-lock braking system will not work at all.



ESC OFF warning light

- When the ESC OFF switch is pressed, this warning light should remain steady on and the ESC system will not operate. When the ESC OFF switch is pressed again, this warning light should turn off and the ESC system resumes its normal operation.

REMINDER

- If the ESC OFF warning light is on, the driver must be alert and maintain a slow driving speed in sharp turns and when avoiding obstacles. In this case, when the brake is applied, the ESC system function will not work, and the car will become unstable.



Driving power limit warning light

When the power of the vehicle is limited, this warning light will come on. In this case, contact a BYD authorized dealer or service provider in time.



Headlight fault warning light

- When the warning light is yellow, it indicates the headlight is faulty, and it is recommended to bring the vehicle to a BYD authorized dealer or service provider for inspection.



Main alarm indicator

- When this indicator is on, please notice fault alerts or warnings in the information display section.



Seat belt reminder indicator

- When the ignition is switched on, if any belt on the front row is not fastened, the seat belt reminder lights up. It remains on until the seat belt is fastened.



Airbag fault warning light

- With the ignition switched on, this warning light turns on and then off after a few seconds if the airbag system is

working properly. This warning light is used to monitor the airbag ECU, collision sensors, inflation device, warning lights, connections, and power supply.

- If any of the following cases occurs, it means there is a fault in components monitored by the warning light system. In that case, contact a BYD authorized dealer or service provider for vehicle inspection as soon as possible.
 - This warning light remains off or is solid on after the ignition is switched on.
 - This warning light turns on during driving.



Parking system fault warning light

When the brake fluid level is low and the braking system is faulty, this warning light lights up. If any of the following conditions occurs, immediately park the vehicle in a safe place. It is recommended to contact a BYD authorized dealer or service provider.

- This warning light comes on when the ignition is switched on and the brake fluid level is low.

REMINDER

- When the brake fluid level is low, park the vehicle because it is dangerous to continue driving.
- This warning light is solid on although after starting the vehicle, the brake fluid level and EPB system operation are normal (the EPB switch is pulled up and released normally, and the message "Please check the EPB" is not displayed).
- Both the parking brake fault warning light and the ABS fault warning light are on.

REMINDER

- If this warning lights up briefly during operation, it does not indicate that there is a problem.



Steering system fault warning light

- When the steering system is faulty, this warning light is steady on. It is recommended to bring the vehicle to a BYD authorized dealer or service provider for inspection.

REMINDER

- The steering system features an electric motor to reduce the force required to turn the steering wheel.
- When turning the steering wheel, a hum may be heard coming from the running motor. This does not indicate that the motor is faulty.
- Do not turn the steering wheel to its limit position for more than 5 s, otherwise the temperature protection will be activated and the steering system will be damaged or steering will become heavy.
- If you turn the steering wheel frequently with the vehicle staying put for a long time, it may feel difficult to turn the steering wheel even if the warning light does not turn on. This is not a fault.
- If the steering wheel is frequently turned when the vehicle does not move, its power assist effect is reduced to prevent steering system overheating. Therefore, it may feel difficult to turn the steering wheel. In this case, reduce steering frequency or power off the vehicle, and the system will recover within 10 minutes.

WARNING

- If the steering system warning light goes on, immediately park the vehicle safely, and contact a BYD authorized dealer or service provider.



Low-voltage power system fault warning light

- This light is used to warn about the operating state of the DC module and the low-voltage battery module when the vehicle is not being charged or discharging.
- In charging state, this warning light indicates failure of the charging system.
- If this warning light turns on while driving, it indicates that there is a problem with the DC system or the low-voltage power system. In this case, turn off the A/C and fans, immediately park the vehicle safely, and contact a BYD authorized dealer or service provider.



Powertrain fault warning light

- If the powertrain fails, this warning light turns on.
- If any of the following cases occurs, it means there is a fault in components monitored by the warning light system. In that case, contact a BYD authorized dealer or service provider for vehicle inspection as soon as possible.
 - This warning light is steady on when the ignition is switched on.
 - This warning light turns on during driving.

CAUTION

- Try not to drive the vehicle when the warning light is on. Contact a BYD authorized dealer or service provider to check the problem as soon as possible.



High-voltage battery overheating warning light

- If this warning light is on, it indicates that the high-voltage battery temperature is too high and the vehicle must be stopped to cool down. When the warning light flashes, it is recommended to immediately stop the vehicle safely and leave the vehicle as soon as possible.
- The high-voltage battery may overheat under the following operating conditions:
 - Long-distance climbing for a long time in hot weather.
 - Long period of stop-and-go traffic condition, frequent rapid acceleration, hard braking, or vehicle running for a long time without pause.



High-voltage battery fault warning light

- This warning light comes on when the ignition is switched on. If the high-voltage battery system is working properly, this warning light will turn off in a few seconds. Thereafter, if the system fails, this light will light up again. It is recommended to contact a BYD authorized dealer or service provider for inspection as soon as possible.

- If any of the following cases occurs, it means that there are faults in the components monitored by the warning light system. In such case, it is recommended to contact a BYD authorized dealer or service provider for vehicle inspection as soon as possible.
 - This warning light is steady on when the ignition is on.
 - This warning light is steady on or occasionally turns on while driving.



Motor coolant overheating indicator

- If this indicator goes on, the motor temperature is too high. In this case, park the vehicle in a safe place immediately, leave the vehicle, and contact a BYD authorized dealer or service provider for inspection as soon as possible.

Other Instrument Cluster Fault Prompts

The instrument cluster may display the following fault alerts or warnings. Handle them according to the recommended methods.

Symbol	Fault Prompt	Response
	Please check the on-board charging system.	The on-board charging system is faulty. In this case, check the charging connection, and reconnect the charging equipment. If the fault persists, contact a BYD authorized dealer or service provider.
	Please check the data network of the vehicle.	The vehicle may be disconnected from the data network. In this case, park the vehicle immediately, and contact a BYD authorized dealer or service provider.
	Please check the headlight.	The headlight is faulty. In this case, contact a BYD authorized dealer or service provider.
	Please check the PCW system.*	The PCW system is faulty. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.
	The AEB function is limited.*	The AEB system is faulty. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.
	Please check the BSD system.*	The BSD system for lane change is faulty. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.
	The BSD function is limited.*	The BSD function is limited. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.
	Please check the shifter.	The shifter controller is faulty. In this case, park the vehicle immediately, and contact a BYD authorized dealer or service provider.
	Please check the multi-purpose camera.*	The multi-purpose camera is faulty. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.
	The function of the multi-purpose camera is limited.*	The function of the multi-purpose camera is limited. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.

Symbol	Fault Prompt	Response
	The smart camera is not operational due to environment limitation.*	The smart camera is unavailable. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.
	Please check the LDWS.*	The lane departure warning system (LDWS) is faulty. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.
	Please check the ICC or LKS.*	The intelligent cruise control (ICC) or lane keeping system (LKS) is faulty. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.
	The function of the ICC or LKS is limited.*	The ICC or LKS function is limited. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.

03

CONTROLLER OPERATION

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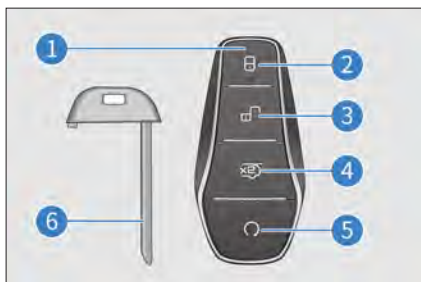
Doors and Keys

Keys

Smart Key

Lock or unlock all doors by pressing the driver's door microswitch while carrying the electronic smart key. Buttons on the key help you lock or unlock doors, open the trunk, and start the vehicle remotely.

- ① Indicator
- ② Lock button
- ③ Unlock button
- ④ Trunk release button
- ⑤ Start/Stop button
- ⑥ Mechanical key



CAUTION

- The smart key is an electronic component. Observe the following instructions to prevent damage:
 - Do not expose the smart key to high temperatures, such as on the dashboard.
 - Do not disassemble the smart key without authorization.
 - Do not let the smart key hit other objects or fall down.
 - Do not let the smart key get wet.

CAUTION

- Keep the smart key away from electromagnetic wave emitting devices, such as smartphones.
- Do not attach any object (such as a metal seal) that may cut off electromagnetic waves when using the smart key.
- Register a spare key for the same vehicle. For details, contact a BYD authorized dealer or service provider.
- If the smart key fails to control the doors within the normal distance, or if the indicator on the key is dim or off:
 - Check for nearby radio stations or airport radio transmitters that may interfere with the normal operation of the smart key.
 - The smart key battery may be exhausted. Check the smart key battery. If the battery needs to be replaced, contact a BYD authorized dealer or service provider.
- If the smart key is lost, contact a BYD authorized dealer or service provider as soon as possible to prevent theft or accidents.
- Do not change the transmission frequency, increase the transmission power (including installing an extra amplifier), connect an external detection antenna, or use other transmission detection antennas without authorization.
- Do not generate harmful interference to legal radio communication services when using the smart key. Once any interference is found, stop using the smart key immediately, and take measures to eliminate the interference before continuing to use it.

⚠ CAUTION

- When using a micropower radio device, avoid the interference from various radio services or the radiation interference from the equipment in industrial, scientific and medical applications.
- Do not use such device near an airplane or airport.
- People with pacemakers or defibrillators should stay away from the detection antennas of the smart access and start system, because electromagnetic waves may interfere with the normal functioning of these devices.
- In addition to people with pacemakers or defibrillators, people using other electronic medical devices should also consult the manufacturer on the use of such medical devices under the influence of electromagnetic waves. Electromagnetic waves may have unpredictable consequences for the use of such medical devices.
- Upon leaving the vehicle, make sure to carry the key and lock the vehicle at any time. Never leave anyone (especially children) inside the vehicle.

The vehicle is equipped with keys, including electronic smart key, mechanical key (installed in the electronic smart key) and NFC key*.

Mechanical Key

Use the mechanical key (inside the smart key) to lock or unlock the driver's door. Insert the mechanical key back into the smart key when it is not in use.

Taking out the mechanical key

Press the "PUSH" button ② on the smart key, and take out the mechanical key in the direction indicated by ①.



- Press the "PUSH" button and insert the mechanical key back into the smart key when it is not in use.

Mechanical key number plate

- The mechanical key number is marked on the number plate. If the key is lost or needs to be copied, use the key number to copy it at a BYD authorized dealer or service provider.

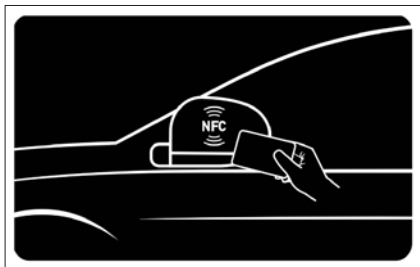


! REMINDER

- Be sure to store the number plate in a secure place for safekeeping; do not put it in the car.
- It is recommended that the user records the key number and stores it in a safe place.

NFC Key Card*

- Hold the NFC key card close to the NFC sign on the left side mirror. Then, all doors can be unlocked or locked when the vehicle is powered off.



CAUTION

- The NFC card is an electronic product. To prevent NFC card malfunction or damage to the NFC card, the following instructions should be followed:
 - When a wireless charger is on, do not place the NFC card in the charging area.
 - Do not attach any object (such as a metal seal or metal phone case) that may cut off electromagnetic waves when using the NFC card.
 - Do not expose the NFC card to high temperatures, such as on the dashboard.
 - Do not bend the NFC card.
 - Do not put the NFC card together with other hard objects.
- The NFC card is for near field communication, and identification requires a complete fit, so it is necessary to pay attention to the position of the NFC.

CAUTION

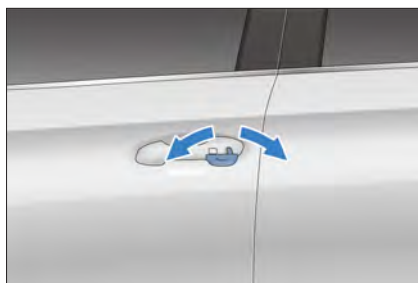
- The identification distance of the NFC card is within 1 - 2 cm.
- For successful NFC card identification, it may be necessary to stick it on the side mirrors.
- Identification may take 1 to 2 seconds.
- The NFC smart card is a key configured for the vehicle based on the near field communication method. In order to ensure vehicle safety, handle it with care. If it is lost, go to a BYD authorized dealer or service provider to get a newly configured card and block the lost one.

Locking/Unlocking Doors

Locking/Unlocking with Mechanical Key

Insert the key into the key hole, turn and remove the key, and pull the door handle to open the door.

- To unlock the driver's door, turn the key clockwise.
- To lock the driver's door, turn the key counterclockwise.

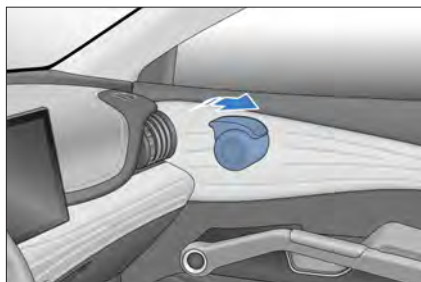


⚠ CAUTION

- After removing the mechanical key, pull the main door handle to open the door.

Opening with Interior Door Handle

- When the vehicle is unlocked, pull the handle once to open the door from inside the vehicle.
- When the vehicle is locked, pull the handle twice to open the door from inside the vehicle.



⚠ WARNING

- Do not allow children to play with the door handle, so as to avoid the door opening while driving
- If there are children in the vehicle, make sure to enable the child protection lock function.

⚠ CAUTION

- As this vehicle is equipped with a child protection lock, the rear doors can only be opened with the interior door handle when the child protection lock is disabled.

Locking/Unlocking with Smart Key

- The wireless remote control is used to unlock or lock all doors at a close distance, and realize additional functions.
- When you enter the active area while carrying a registered smart key, press the button on the smart key slowly and firmly to lock or unlock all doors.

Locking:

- When the ignition is switched off and all the doors and the hood are closed, press the lock button to lock all the doors. The side mirrors fold in (the switch is set to AUTO), and the turn signals flash once. Check whether all doors are securely locked.
- If a door, the hood or the trunk is not closed, the turn signals will not flash, and the horn will sound once.



Unlocking:

- To unlock all doors, press the microswitch on the door handle while carrying a valid smart key. All doors will unlock, side mirrors unfold*, and turn signals flash twice.
- When the ignition is switched on, doors cannot be unlocked/locked with the unlock/lock button.
- When you unlock all the doors with the smart key, even if no door is opened, the interior lights will stay on for 16 seconds and then go out.

- After unlocking the vehicle in anti-theft mode with a smart key, open any door within 30 seconds. Otherwise, all the doors will lock automatically.
- If the key is in the vehicle or trunk when the doors are closed and locked, the vehicle will unlock automatically and the turn signals will flash twice.
- If the vehicle is equipped with four-door anti-pinch function, even if you press and hold the lock or unlock button, locking or unlocking will not be repeated. You need to release the button and press it again. When the lock button is pressed and held, the vehicle's four windows will automatically rise.

REMINDER

- If the ignition switch is not on OFF, the Lock or Unlock button cannot be used to lock or unlock doors.

Opening the trunk with smart key

- Double-click the trunk release button on the smart key, and the turn signals will flash twice.

REMINDER

- Don't forget to carry the smart key when leaving the vehicle.

Finding the Vehicle with Smart Key

- When the vehicle is in anti-theft mode, press the lock button. The vehicle sounds a long beep and turn signals flash 15 times. Use this function to locate the vehicle when it cannot be found.
- When the vehicle is in car search mode, press the lock button again. The vehicle enters the next car search mode.

Raising/Lowering Windows with Smart Key

- When the ignition is switched off:
 - Press and hold the lock button on the smart key to raise the four windows.
 - Press and hold the unlock button on the smart key to lower the four windows.

WARNING

- When using the remote control function to raise windows, pay attention to the safety of occupants in the vehicle, and use this function only after making sure the windows are clear from pinching anyone.

REMINDER

- To enable or disable the function of window closing/opening through key lock/unlock, go to  → **Vehicle Settings** → **Locks**.

Locking/Unlocking with Microswitch

Locking

- When the ignition is switched off and all doors are closed but not locked, press the microswitch on the front door handle while carrying the smart key. All doors will be locked and turn signals flash once
- If a door, the hood or the trunk is not closed, pressing the microswitch will still lock the closed doors, but the horn will only sound once, and the turn signals will not flash.



Unlocking

- In anti-theft mode, press the microswitch on the front door handle while carrying the smart key to unlock all doors. The turn signals then flash twice.
- In anti-theft mode, after activating the unlock function, open the doors within 30 seconds. Otherwise, all doors will automatically lock again.
- Pressing the microswitch will not unlock/lock the doors when:
 - The microswitch is pressed while a door is opened or closed.
 - The ignition is in a status other than "OFF".
 - The smart key is left in the vehicle.

REMINDER

- If the smart key is too close to the exterior door handle or window, the entry function may not be activated.

Raising/Lowering Windows with Microswitch

- When the ignition is switched off, press and hold the microswitch while carrying the smart key to roll up or down all windows. (To enable or disable this function, go to  → **Vehicle Settings** → **Locks**).

Locking/Unlocking with NFC Key Card*

- Hold the NFC card close to the NFC sign on the side mirror on the driver's side.

Locking doors:

- With the ignition switched off and all doors closed but not locked, place the NFC key card close to the designated area on the driver's side mirror to simultaneously lock all the doors. The turn signals flash once.

Unlocking doors:

- In anti-theft mode, place the NFC key card close to the designated area on the driver's side mirror to simultaneously unlock all the doors. The turn signals flash twice.
- When anti-theft mode is activated, open a door within 30 seconds after unlocking with the NFC card, otherwise, all doors will lock automatically.
- After unlocking doors with the NFC card, user activation permission is provided for 10 minutes. This permission will be revoked when the ignition is switched off.
- Doors will not be locked/unlocked when:
 - The NFC key card is placed close to the designated area on the driver's side mirror while a door is being opened or closed.
 - The ignition is in a status other than "OFF".



CAUTION

- The keyless ignition permission validity period does not exceed 10 minutes.

Locking/Unlocking the Trunk

Opening/Closing trunk with smart key

When the vehicle is equipped with the electric tailgate system, double-press the trunk release button on the smart key to open the trunk lid. The turn signals then flash twice. Press this button again to stop opening. Then double press it to close the lid.

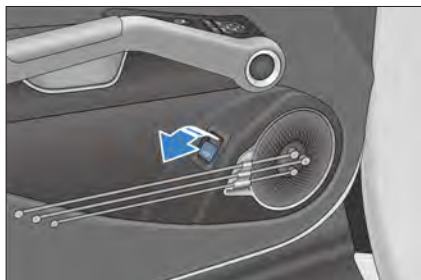


! REMINDER

- If the trunk unlock button is pressed again while the lid is in motion, it will stop at its current position.

Opening/Closing the trunk from inside the vehicle

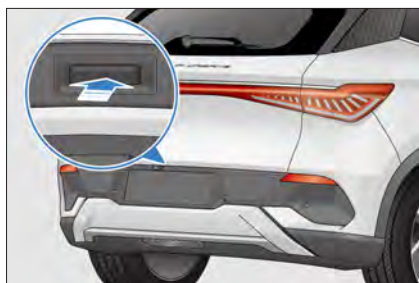
- When the trunk lid is closed, pull the switch once, and the lid will automatically unlock and open to the set height (maximum height by default).
- While the trunk lid is opening, pull this switch again to freeze it in place.



- When the trunk lid is open and the switch is pulled for more than one second, the lid closes automatically. Release the switch to freeze the closing motion.

Opening the trunk with exterior switch

- With the vehicle unlocked, press the exterior trunk switch to open the trunk.
- With the vehicle locked, unlock the vehicle with the smart key and press the exterior switch to open the trunk.



! REMINDER

- If the switch is pressed again while the lid is in motion, it will stop at its current position.

Closing the trunk automatically*

① Trunk close button*

- When the trunk lid is open and stationary, press the trunk close button to close this lid.
- Press the trunk close button a second time to stop the lid at the current position. If the button is then pressed again, this lid will move in the opposite direction.



② Vehicle lock button*

With the vehicle power switched off and the trunk open, press the lock switch while carrying a valid smart key to close the trunk and lock the vehicle, and the vehicle enters anti-theft mode.

Closing the trunk manually*

When the vehicle is unlocked, the trunk can be closed manually.

! CAUTION

- Before closing the trunk electronically, make sure doors, windows and sunroof are properly closed.

Emergency Trunk Releasing from the Inside

There is an emergency unlocking cover just above the trunk lock. Open the cover and pull the emergency unlocking rope or lever to open the trunk in an emergency.



! REMINDER

- When the vehicle is powered off, the trunk lid can be unlocked from the inside in case of emergency.

Setting trunk opening height*

- Open the trunk manually or automatically to the desired position, keep it at this position, and then press and hold the interior trunk button for over three seconds. The speaker sounds for one second, indicating that the opening height is successfully set to the current position.
- Set the trunk opening height in → **Vehicle Settings** → **Locks**.

Anti-pinch Function

The trunk will open or stop moving if it contacts any obstacle while closing or opening.

When the trunk fails to act automatically

Manually and completely close the trunk for recovery.

When reconnecting the low-voltage battery

Manually close the trunk to ensure the power trunk lid functions normally.

! WARNING

- In order to prevent serious injury, make sure to observe the following precautions:
- Never try to deliberately activate the anti-pinch function.
- Make sure to alert people nearby of the lid motion.
- Make sure hands and fingers are clear from the lid area when it is closing.

WARNING

- When opening or closing the trunk, make sure the surrounding area is safe.
- Make sure the trunk is properly closed when the vehicle is in motion.
- Make sure to remove any ice or snow from the area before opening the trunk, otherwise the lid may close again.
- Do not manually interfere in lid motion when it is opening or closing.
- Be mindful of windy conditions when opening or closing the trunk.
- The anti-pinch function may fail to work if an object is caught right before the trunk is fully closed.
- Opening or closing the trunk on slopes is more difficult than on level ground. The lid may start closing before fully opening. Be mindful of the possibility of the lid to move on its own in such conditions. Before loading or unloading the trunk, make sure the lid is fully open and secure.
- The anti-pinch function may fail depending on object shape. Be specially careful about hand and fingers.

Locking/Unlocking with Central Locking

Locking or unlocking the vehicle with the central locking

See "Central Locking" in "Driver's Door Switches" in this chapter.

Locking or unlocking doors automatically

- When the function setting is enabled in the infotainment touchscreen, the vehicle is in OK gear, and its speed increases from ≤ 8 km/h to > 8 km/h, if all doors are closed, but any of them is not locked, the central locking locks all doors with power.
- Press the START/STOP button to switch the ignition off. Then, all doors are locked automatically.

Locking and unlocking all doors concurrently

- When the vehicle is not in anti-theft mode, the backlight of the central lock button turns on if the vehicle is locked and turns off if the vehicle is unlocked.
- Pressing the central lock button locks all doors so that any attempt to open any door from the outside fails. At this time, pull the interior door handle to unlock a door and pull a second time to open it.

Emergency Vehicle Locking with Mechanical Key

When the central locking system or the smart key fails, use the mechanical key for emergency locking or unlocking.

Locking

1. Remove the mechanical key from the smart key.
2. Open all doors other than the driver door and move down the slider with the mechanical key as shown. You can then lock the doors by closing the them.



3. After locking the three doors, open the driver door.
4. Insert the mechanical key into the keyhole, turn it counterclockwise as far as it can go, return it to the initial position and pull it out. (See "Locking/Unlocking with Mechanical Key" in this Chapter.)

Unlocking

1. Remove the mechanical key from the smart key.
2. Insert the mechanical key into the keyhole, turn it clockwise as far as it can go, return it to the initial position and pull it out.
3. Pull the interior handle twice to unlock the three other doors.

Smart Access and Start System

Use the smart key to lock/unlock doors and start the vehicle.

Access

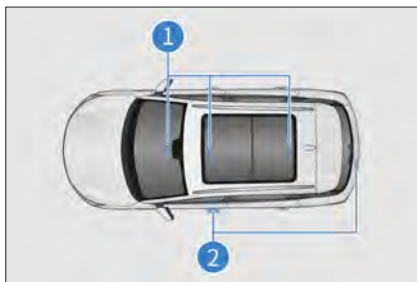
Use the smart key to unlock or lock the vehicle doors. (see "Locking/Unlocking with Smart Key" in this chapter).

Start-up Function

With the smart key inside, press the brake pedal and the START/STOP button to start the vehicle. (See Starting the Vehicle.)

Antenna positions

- ① Interior antenna
- ② Exterior antenna

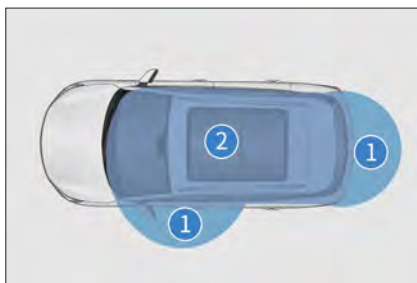


Active area

The smart access and start functions take effect only when the registered smart key is within the active area.

- ① Active area of the access function: about 1 m from the front door handle and the exterior trunk switch.
- ② Active area of the start function: inside the cabin.

If another smart key is near this vehicle's smart key, unlocking may take longer than usual, which is normal.



REMINDER

The smart access and start system may not work properly when:

- There is a strong electromagnetic field nearby, such as TV towers, power stations, and broadcasting stations.
 - The smart key is being carried along with a communication device, such as a two-way radio or mobile phone.
 - The smart key is in contact with or covered by a metal object.
 - The door handle is operated too quickly.
 - The smart key is too close to the handle.
 - Another wireless remote control function is being used nearby.
 - The smart key battery is exhausted.
 - The smart key is close to high-voltage equipment or equipment that produces noise.
 - The smart key is being carried along with another smart key or radio-wave-emitting device.
 - Even within the active area, the smart key may not work properly in certain locations, for example, on the dashboard, in the glove box, or on the floor.
- If the smart access system is not working properly and it is impossible to enter the vehicle, the mechanical key can be used to lock/unlock the driver's door, or the wireless remote control function can be used to lock/unlock all doors.
 - Pressing the Start/Stop button may not enable the start function due to:

- Smart key failure. If the smart key warning light comes on and a message ("Smart key power is low. Please replace the battery as soon as possible") is displayed on the instrument cluster, the battery of the key may be exhausted.
- If the smart access and smart start systems cannot work properly due to system failures, bring all smart keys to a BYD authorized dealer or service provider for repair.

Saving battery power

- The smart key communicates with the vehicle even when the vehicle is not running. Therefore, do not leave the smart key in the vehicle or within 2 m from the vehicle.
- Receiving strong electromagnetic waves for a long time drains the battery of the smart key quickly. The smart key must be kept at least 1 m
 - TVs
 - PCs
 - Wireless telephone chargers
 - Electroliers
 - Fluorescent desk lamps

Child Protection Lock

The child protection lock is designed to prevent children sitting in the rear seats from opening the rear doors. Child protection locks are installed on the left and right rear doors.

- ① Slide the manual lock in this direction to activate either left or right child protection lock.
- ② Slide the manual lock in this direction to deactivate either left or right child protection lock.

Set the lever to this position marked (1). Then, passengers cannot open the rear doors from inside the vehicle. To open the rear doors, use the exterior door handles.



CAUTION

- Before driving, especially when there are children in the car, make sure that doors are closed and the child protection lock is enabled.
- Proper use of seat belts and the child protection lock helps prevent the driver and passengers from being thrown out of the vehicle in the event of an accident, and prevent the doors from being opened accidentally.

Seats

Seat Information

When the vehicle is moving, all passengers in the vehicle must fasten their seat belts, and rest their backs upright against the seatback.

WARNING

- Do not drive the vehicle until occupants are seated properly.

WARNING

- Passengers are not to ride sitting on folded seatback, in the trunk or on luggage. Improper seating position or improperly fastened seat belts can result in severe personal injury in case of emergency braking or a collision.
- It is prohibited to stand or move around the seats when driving, or passengers may get injured in case of emergency braking or a collision.

CAUTION

- Adjust the driver's seat so that the pedals, steering wheel, and dashboard controls are all within the driver's easy control.

REMINDER

- Do not adjust the seat while the vehicle is in motion, as unpredictable seat movement can cause the loss of vehicle control at this time.
- While adjusting a seat, do not let it hit against any passenger or the luggage.
- After manually adjusting the seat, always check that it is securely locked into place by attempting to push it forward and backward.
- After adjusting the seatback, lean back to confirm the seatback has been locked.
- Do not place any items under the seats. The driver may lose control of the vehicle because items placed there affect the seat locking mechanism or accidentally push up the seat position adjustment lever, causing the seat to move suddenly.

REMINDER

- When adjusting the seat, do not place your hand under the seat or near its operating parts, to prevent being crushed.

CAUTION

- When the switch is released, the seat stops at its current position. Do not place anything under the seat that may interfere with its adjustment.

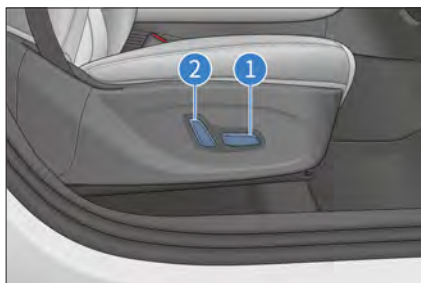
Adjusting Front Seats

Adjusting Front Seat with Power*

Power front seat adjustment include seat position adjustment, cushion height adjustment*, and seatback angle adjustment. Choose the following methods according to the actual configuration of your vehicle.

① Seat position adjustment switch

- Toggle the seat position adjustment switch back or forth to move the seat backward or forward.
- Move the rear end of the switch up or down to raise or lower the seat.



② Seatback angle adjustment switch

Toggle the upper end of the seatback angle adjustment switch to adjust the seat back angle.

Heating System*

- Tap the corresponding keys on the infotainment touchscreen to enable and disable front seat heating.
- Find the seat heating setting button from the drop-down menu on the infotainment homepage.



Heating adjustment

- On the infotainment touchscreen, tap the seat heating controls to select a heating level: Mode 1 and Mode 2.
- This function is always disabled when the vehicle is just powered on.

Folding in Rear Seats

- Flipping and lowering the seat back
- Pull up the seat back drawstring.
- Push the seat back forward or backward to flip it over. Flip forward until the seat back is in contact with the seat cushion, and flip it back to the seat back locking position (a locking sound is heard).



Head Supports

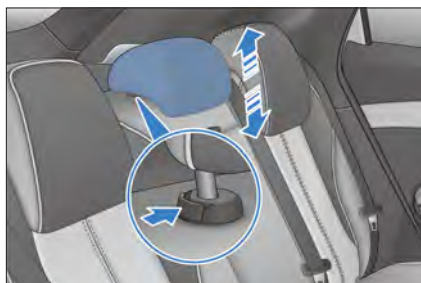
Adjusting Head Supports

1. Lifting the head support:

Lift the head support to a proper position, and release it after hearing a locking sound.

2. Lowering the head support:

Press and hold the head support adjustment button, lower the head support to a proper position, and then release the button after hearing a locking sound.



3. Removing the head support:

Press and hold the head support adjustment button, remove the head support, and release the button.

4. Installing the head support:

Insert the head support post into the bushing with the grooves facing forward. Press and hold the head support adjustment button, push down the head support to a proper position, and release the button after hearing a locking sound.

! REMINDER

- The head supports protect vehicle occupants from neck and other head injuries. Adjust the head support so that its center aligns with the back of your head for maximum protection. Adjust the head support to the proper position based on your actual height.
- When adjusting head support height, align the occupant's ear tip line with the center line of the head support.
- After adjusting the head support, ensure that it is locked into position.
- Do not drive the vehicle without head supports.
- Do not tie anything to the head support posts.

Steering Wheel

Steering Wheel

Steering Wheel Switches



- | | | | |
|---|--|----|-------------------------|
| 1 | Panoramic view* | 8 | Call |
| 2 | Screen mode | 9 | Speech recognition |
| 3 | Cruise control switch or +/-Reset or -/Set | 10 | Right |
| 4 | Distance +* | 11 | Mode |
| 5 | Lever | 12 | Scroll button |
| 6 | Distance -* | 13 | Instrument cluster/Back |
| 7 | ICC | 14 | Left |

The audio control switch is accessible when the ignition is switched on.

Left-hand buttons

Panoramic view*

- Turns panoramic view off if already in panoramic view mode, or on if not in panoramic view mode.

Screen mode

- Switches between the landscape and portrait mode of the infotainment touchscreen.

ACC switch*

- Turns the ACC system on or off.

+ / Reset*

- Activates the adaptive cruise control (ACC) system and uses the previous system settings.

- / SET*

- Sets the current speed to the target cruise speed.

Distance +*

- Increases the distance by one notch when the ACC function is enabled. A total of four notches are available.

Distance -*

- Reduces the distance from the vehicle ahead by one notch when the ACC function is enabled. A total of four notches are available.

ICC

- Turns ICC on or off.



REMINDER

- For instructions on using cruise control, see **P110** and **P119**.

Right-hand buttons

Scroll button

- Adjusting infotainment system volume when the instrument cluster is not in menu mode:
 - Roll the button upward to increase the sound volume to reach the maximum.
 - Roll the button downward to decrease the sound volume to reach the minimum.
- Press down the button to mute. To release the mute state, press down the button again or operate the mute icon on the shortcut menu.
- When the instrument cluster is in menu mode:
 - Roll the button upward to select the upper level-2 or level-3 menu items when the instrument cluster is in the menu mode.
 - Roll the button downward to select the upper level-2 or level-3 menu items when the instrument cluster is in the menu mode.
 - Press down the button to go to the next-level menu or confirm the current setting.



CAUTION

- The infotainment system is muted once the instrument cluster is set to the menu mode. To adjust infotainment system volume, exit the instrument cluster menu mode first.

Left/Right buttons

- When the infotainment system is in radio mode:
 - Press and hold the ◀ button to automatically search for the previous radio station with a strong signal (turning frequency down).

- Press the ◀ button to select the pre-saved radio station upward.
- Press and hold the ▶ button to automatically search for the next radio station with a strong signal (turning frequency up).
- Press the ▶ button to select the pre-saved radio station downward.
- When the infotainment system is in USB/Bluetooth music/third-party music app/other modes:
 - Press the ◀ button to play the previous track (track number - 1).
 - Press the ◀ button to select a record upward on the Bluetooth call record or phonebook screen.
 - Press the ▶ button to play the next track (track number +1).
 - Press the ▶ button to select a record downward on the Bluetooth call record or phonebook screen.
- When the instrument cluster is in menu mode:
 - Press the ◀ button to switch to level-1 menu and its submenus on the left.
 - Press the ▶ button to switch to level-1 menu and its submenus on the right.

Call

- Press this button to make or receive a call. (The audio system is muted at the same time.)
- When a Bluetooth-unrelated screen is currently displayed, press this button to switch to the phone selection screen if Bluetooth is disconnected, or to the Dial screen if Bluetooth is connected.
- After entering a phone number on the Dial screen or selecting a record on the Call Log or Contacts screen, press this button to dial the number.

- When Bluetooth is connected, but no phone number is entered on the Dial screen, press this button to switch to the Call Log screen. Press this button again to call the first dialed number on the call history.

Speech recognition

- Press this button for the infotainment touchscreen to switch to the voice recognition screen.
- Press this button again to re-enter a voice command.

Instrument cluster/Back

- When the instrument cluster is not in the menu mode, press Instrument cluster/Back to show the instrument cluster menu.
- When the instrument cluster is in menu mode, press this button to return to the upper-level screen, or to exit the menu if there is no upper-level screen.
- When dialing on the Bluetooth interface, press it to end the call.

Mode

- Selecting a mode: Press the Mode button to switch between media apps, peripherals, and pre-installed third-party audio/video apps.
 - If speakers are turned off, press this button to turn them on and enter the memory playback mode, or switch to the radio mode if there is no playback source (for example, no external audio equipment) in the memory playback mode.

Horn

- Press the horn button area to honk the horn, and release to stop honking.



CAUTION

- Avoid pressing honking for too long, as the horn may be damaged.

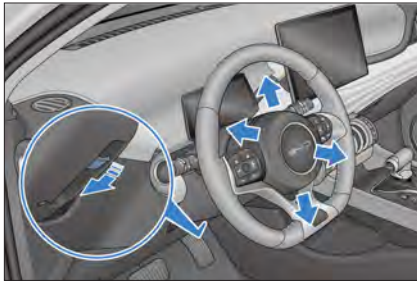
! REMINDER

- Observe the traffic laws and use the horn reasonably.

Adjusting the Steering Wheel Manually

To adjust the steering wheel position, hold it and operate as follows:

- Press the steering wheel adjustment handle, move the steering wheel to the desired angle, or adjust it to the desired axial position, and restore the handle to the locked position.



! WARNING

- Never adjust the steering wheel while driving, as this is under risk of impaired vehicle control, which can lead to accidents.
- After adjusting the steering wheel, move it up and down to verify that it is securely locked.

Power-Assisted Steering Mode Settings

- The feel of steering assistance varies from person to person, and so do the evaluation and needs for this feel.

- On the infotainment touchscreen, go to → **Vehicle Settings** → **Smart Chassis** → **Steering mode**, and select the Comfort or Sport mode.

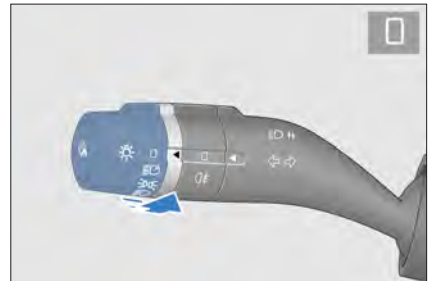
! REMINDER

- If steering feels light when driving at high speeds, set the power-assisted steering mode to the Sport mode.

Switches

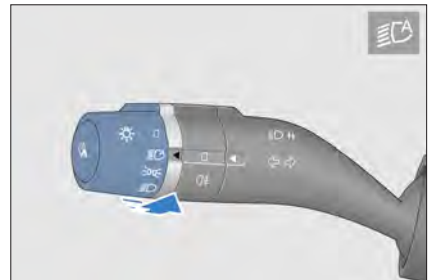
Light Switches

Rotate the rotary knob to to turn off all lights except for daytime running lights.



Auto lights

Set the light switch to . The body control module captures the brightness data from the light intensity sensor to automatically turn the position lights and low beam on or off.

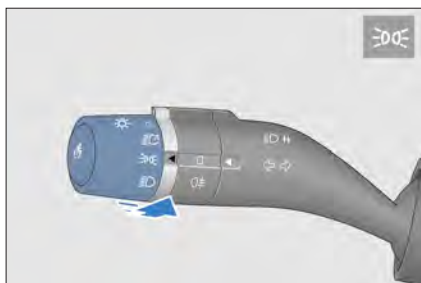


CAUTION

- The light intensity sensor is located at the top of the dashboard panel. Do not block the sensor or let anything splash on it.

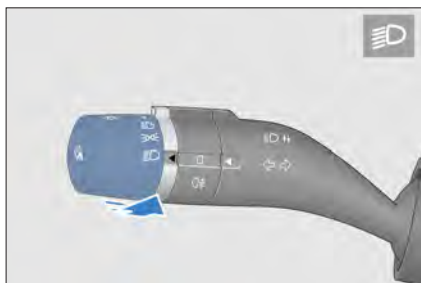
Position lights

Set the light switch to  to turn on position lights.



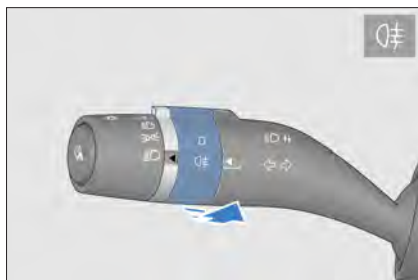
Low beam

Set the light switch to  to turn on the low beam.



Rear fog lights

Set the light switch to  and rotate the fog light dial to , to turn on the rear fog lights.



High beam

Rotate the knob to  and push the light handle of the combination switch from the normal position forward (away from the steering wheel). After the handle is restored to the initial position, high beam is activated and the high beam indicator lights up on the cluster. Pull back the light handle, turn off low beam, or exit OK status to deactivate high beam.



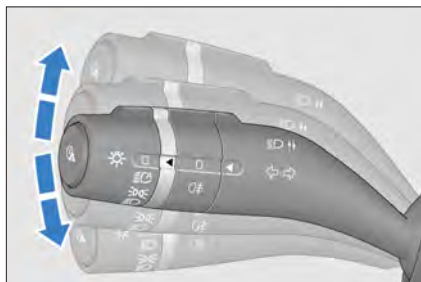
Overtaking light

Pull up the light switch handle (toward the steering wheel) to turn on the overtaking light. Release the handle for the light switch to automatically reset. The overtaking light turns off.



Turn signals

- Push up the light handle to signal right turn. The right turn signal and its indicator on the instrument cluster flash.
- Pull down the handle to signal left turn. The left turn signal and its indicator on the instrument cluster flash.



- Once turned on, turn signals continue flashing even after the handle is released. They will turn off after the turn is complete. Depending on the driver's habit, the turn signal will reset after the vehicle turns around under some extreme conditions.

Auto light off

- Conditions to activate the auto light off function: To activate this function, set the light switch to  or  and switch off the vehicle power.
- When the auto light off function is activated, the headlights and position lights turn off in 10 seconds if the driver's door is closed.
- When the auto light off function is activated, the headlights and position lights turn off in 10 minutes if the driver's door is open.
- After the lights turn off automatically, if the light status changes, these lights come on in the new status. If the conditions to activate the auto light off function are still met, the function is activated again.
- Disabling of the auto light off function: When the vehicle is powered on, the auto light off function is disabled, and the light knob can be operated normally.
- When the auto light off function has turned off the lights and anti-theft mode has been activated, if you deactivate anti-theft function, the lights will turn on again. If the driver's door remains closed, the auto light off function will turn off the lights again in 10 seconds. But if the door is open, it will turn off the light in 10 minutes.

Lighting delay

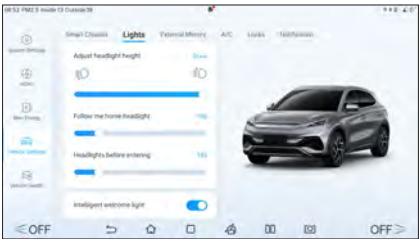
- When the vehicle is powered on, tap  → **Vehicle Settings** → **Lights** to set the delay time.



- Follow me home headlight:
 - The lighting delay is 10 seconds by default and can be set on the infotainment touchscreen. With the light switch set to , , or  , when you power off the vehicle, lock four doors, and is leaving the vehicle, the corresponding lights keep on for 10 seconds (or the set time period).
- Headlights before entering:
 - The lighting delay is 10 seconds by default and can be set on the infotainment touchscreen. With the light switch set to , , or  , when you power off the vehicle, when you unlock the vehicle and is approaching it, the corresponding lights keep on for 10 seconds (or the set time period).

Adjusting Headlight Height

When the low beam is on, tap  → **Vehicle Settings** → **Lights** → **Adjust headlight height** to adjust the vertical beam angle of the headlights.



Loading Conditions	Recommended Lighting Level
The driver, plus one passenger in the front seat	0~2
All seats occupied	0~2
All seats occupied, plus an evenly distributed load in the trunk	1~3
Driver, plus an evenly distributed load in the trunk	1~3

- Vehicle loading conditions may differ. Adjust accordingly.

Tap on  → **ADAS** → **Driving Assist** to turn on HMA.

High Beam Assist (HMA)

- The HMA system uses a multi-purpose camera on the front windshield to determine current driving conditions and, if necessary, automatically switches between high and low beams.



Activating HMA

- Rotate the light switch knob to  When the vehicle speed is above 35 km/h and the light meets conditions, HMA is automatically activated and switches between low beam and high beam based on the current driving environment.

REMINDER

- When HMA is activated, the high beam assist indicator light on the instrument panel will light up.

Deactivating HMA

- How to deactivate HMA:
 - Set the light switch to any position except .
 - Tap  → **ADAS** → **Driving Assist** or use the shortcut menu to turn off HMA.
 - Manually activate high beam.

System suppression conditions

- The intelligent high & low beam system is suppressed in any of the following situations:
 - The vehicle speed is below 35 km/h.
 - Fog lights or turn signals are turned on, or the vehicle makes a sharp turn.

System limitations

- HMA may be unexpectedly activated or fail to activate in the following cases (in such cases, drivers are advised to control the lights manually):
 - There are traffic participants with poor lighting (such as pedestrians and bicycles), railways or waterways nearby, or wild animals on the roads.
 - The front windshield is dirty, covered in mist, or blocked by stickers or decorations.

- There are strongly reflective objects around, such as traffic signs on highways, water reflection on the road surface, etc.

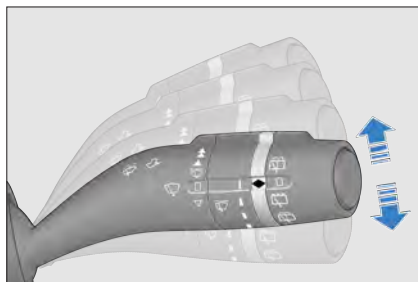
CAUTION

- When the vehicle collision or sensors have been reinstalled, contact a BYD authorized dealer or service provider to calibrate the sensors, so as to avoid affecting system performance.

Wiper Switch

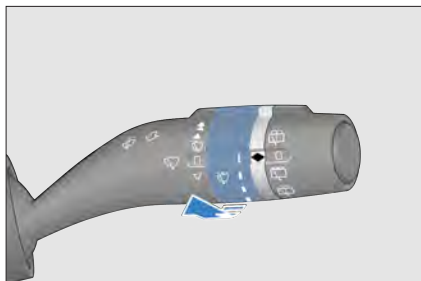
Front Windshield Wipers and Washer

- The lever is used to control the windshield wipers and washer. The lever has five modes:
 -  : High-speed
 -  : Low-speed
 -  : Intermittent
 -  : Stop
 -  : Point-wiping



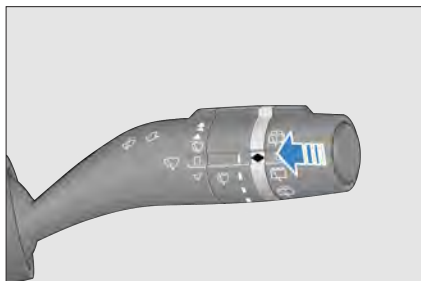
- To select a mode, push up or pull down the lever.
- At low- and high- speed modes, the wiper operates continuously.

- To let wipers work in the spot-wiping mode " ▽ ", pull the lever from the " □ " position. The wipers wipe at a low speed until you release the lever.
- The  INT knob determines the frequency at which the intermittent mode wiper.



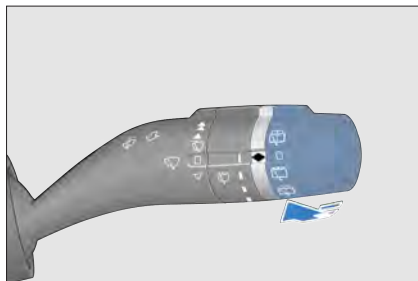
Front windshield washer

1. The front windshield washer spray and wiper are activated when the stick is pulled back towards the steering wheel.
2. The washer spray will stop when the stick is released, or when it is held for over 10 seconds. The wipers will operate once or twice further after the spray has stopped, and once more after 5 seconds to remove excess water.

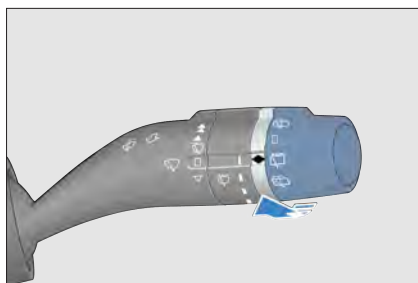


Rear Windshield Wiper and Washer

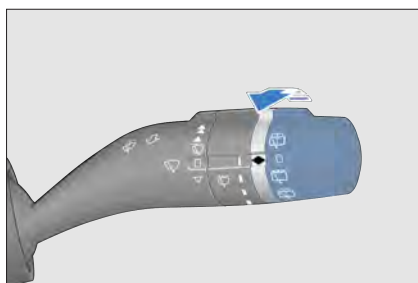
- Rotate the wiper knob to the  position to start the rear windshield wiper. Rotate the wiper knob to the  position or open the trunk to stop the wiper.



- When the knob is rotated to the  position and held, both wiper and washer start.



- When the knob is rotated to the  position and released, the wiper operates once or twice further after the spray has stopped.



Link between rear wiper and trunk

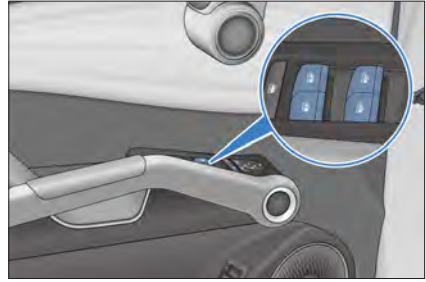
- The wiper/washer won't work with the trunk opened and the vehicle powered on. If the wiper is working and the trunk is opened, it will stop and resume operation 5 seconds after the trunk is closed. If the front wiper is operating and the gear is shifted to "R", the rear wiper will be automatically activated.

⚠ CAUTION

- Do not operate the washer for over 10 seconds, or when the washer fluid tank is empty, as those may cause motor overheating or damage.

! REMINDER

- Clean the wipers regularly.
- Avoid using the wipers just as it starts raining. Accumulated dust on the windshield will impair visibility and the proper functioning of the wipers. Do let some rainfall wash some of the dust off before using the wipers.
- Fill the washer tank with suitable washer fluid. Plain water or other types of detergent may damage the washer motor.



- Rolling down: Press a switch to the second notch and release. The corresponding window rolls down automatically.
- Rolling up: Pull a switch to the second notch and release. The corresponding window rolls up automatically.
- To stop the window halfway, gently push the switch in the opposite direction.

Delay function*

- After the vehicle is powered off, if the front doors are not open, the four-door window controller has a 10min delay period. During this period, the windows can still be rolled up and down.
- If a front door is opened, the window switches won't work.

Smart window control function*

- Smart Key: This function can be enabled in the infotainment system (for details, see the infotainment settings). When the remote control key unlock button is pressed and held, the windows will roll down automatically. When the lock button is pressed and held, the windows will roll up automatically. If the microswitch is released while windows are in motion, they will stop.

Driver's Door Switches

Power Window Switches

- When the ignition switch is on OK, all the window switches can lift up and down the window. After the vehicle is powered OFF, no power windows can be regulated.
- The window control switch at the driver's side contains four buttons to roll up or down windows on four doors, respectively.
 - Press a switch to roll the window down.
 - Pull a switch to roll the window up.
- While using the switch, release it to stop window halfway.

- **Microswitch:** This function can be enabled in the infotainment system (for details, see the infotainment settings). When the microswitch is pressed and held while carrying the smart key, the windows will roll down automatically. When the the microswitch is pressed and held again, the windows will roll up automatically. If the microswitch is released while windows are in motion, they will stop at current positions.
- If functions are disabled in the infotainment system (for details, see the infotainment settings), and when the switch status is OFF, all windows will roll up when the vehicle is locked.

WARNING

- Be mindful of obstructions when the windows are rolling up, specially hands and fingers.

Anti-pinch Function

Anti-pinch Function

If someone or an object is caught by the window when it is rolling up, the window stops and rolls down automatically.

Initialization of anti-pinch function

- If the low-voltage battery is disconnected while a window is being rolled up or down, the automatic rolling-up and anti-pinch functions both cease to work.
- Close the window, release the switch, and then operate the switch and hold it for at least 3 seconds.

WARNING

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

- When controlling the windows, make sure no body part is obstructing the motion.
- Never allow children to use the electric window switches.

CAUTION

- Frequent initialization of the anti-pinch function will trigger the thermal protection function of the elevator motor.
- Never activate the anti-pinch function with a body part.
- The anti-pinch function may fail right before the window is fully close.
- When the auto raise and anti-pinch functions do not work, contact a BYD authorized dealer or service provider.

Window Lock Button*

- When this button is pressed, the driver's door switches can be used to roll all windows up or down, the front passenger's door switch will work normally, but the rear door switches will be disabled.
- When this button is pressed again, the indicator goes off and the rear door switches can be used normally.



Central Locking

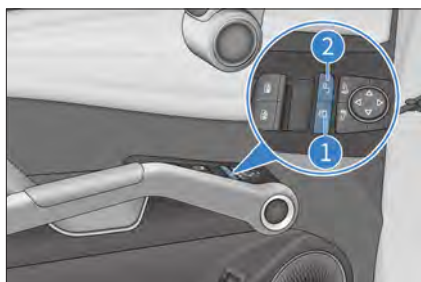
The driver door is equipped with power door lock switches. Both switches can lock or unlock all doors.

① Locking

Press the central lock button. All doors are locked and the red lock indicator lights up.

② Unlocking

Press the central unlock button. All doors are unlocked and the red lock indicator turns off.



- All doors unlock automatically when the vehicle suffers a strong impact, depending on the impact intensity and accident type.

Odometer Toggle Switch

- Press the odometer toggle switch to select Total Mileage, Mileage 1, and Mileage 2. The odometer displays the switching status accordingly.
- Press this switch to reset mileages 1 and 2.

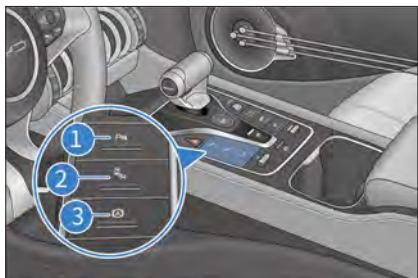


Driver Assistance Switches

The center console also features a Park Assist switch*, BSA switch*, and AVH switch*.

① Reversing radar switch

Press this switch to activate parking radar. See **P126** for details.



② BSA switch

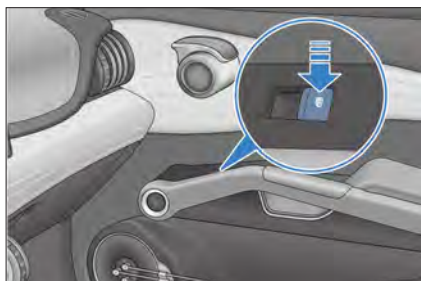
Press this switch to activate blind spot assist. See **P73** for details.

③ AVH switch*

Press this switch to activate automatic vehicle hold. See **P107** for details.

Window Control Switch on Passenger Side

When the ignition status is ON OK, the window control switch on the passenger side can be used to roll windows up or down.



Hazard Warning Light Switch

When the  button is pressed, all turn signals and turn signal indicators on the instrument cluster start flashing. They all stop flashing when the  button is pressed again.



CAUTION

- The emergency warning lights are used to alert drivers and pedestrians of possible risks.

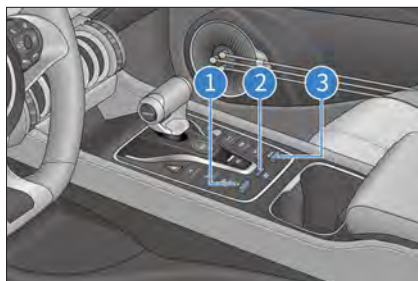
Mode Switches

These switches enable drivers to select from the different regenerative braking, snow, and ECO, SPORT or NORMAL modes.

① Regenerative braking mode button

- The default setting is the standard regenerative braking mode.
- Toggle up the lever ① to increase regenerative braking force.

② Snow mode button



- Press down the snow mode switch ② to put the vehicle in snow mode.
- This mode is recommended on fairly strong surfaces that are covered with a layer of loose and slippery materials (e.g., grass, snow, ice, or gravel).
- In snow mode, traction and control features are optimized, and the accelerator pedal is selected with caution.

③ MODE switch

- The default setting is ECO mode.
- Move this switch up or down to select ECO, SPORT or NORMAL modes.
- ECO: Moderate vehicle power, comfortable driving and riding experience, better economy.
- NORMAL: Proper balance between power and energy efficiency.

- **SPORT:** The vehicle shows good power performance, but its acceleration performance is reduced at low SOC, or too high or low temperatures.

! REMINDER

- When the driver switches modes and releases the accelerator pedal, the vehicle's power output characteristics will change according to the driver's needs. Make sure to drive safely.
- All modes have a power-off memory function. The vehicle will be in the same mode as it was when it was powered off.

! CAUTION

- Shutting down the ESC system may help if the motor performance is degraded in soft snow conditions by the activation of dynamic stability control. The ESC system must be restarted after conditions are back to normal.

PAB Switch*

- The front passenger airbag can be deactivated if the car is equipped with a passenger airbag (PAB) switch.
- The switch is located on the passenger side of the dashboard and is accessible when the passenger's door is open.



- Check for the switch position as required.
- Enable or disable the front passenger airbag according to the use of the front passenger seat:

- When the switch is in ON, the passenger airbag is enabled and the touchscreen status bar displays  **PASSENGER AIRBAG ON**. The front passenger airbag deploys in the event of a moderate to severe collision that meets the necessary deployment conditions.
- When the switch is in OFF, the passenger airbag is disabled and the touchscreen status bar displays  **PASSENGER AIRBAG OFF**. The front passenger airbag does not deploy in the event of moderate to severe collisions that meet the necessary deployment conditions.

! WARNING

- Never use a rear-facing child restraint on the front passenger seat if the airbag is activated.
- When the front passengers (adults and children) seat in the front seats, the passenger airbags must always be activated.
- Never use a rear-facing child restraint on the front passenger seat with an activated passenger airbag. Otherwise death or serious personal injury may occur.

! CAUTION

- To prevent damage to the airbag system, only operate the passenger airbag switch when the ignition is switched off.
- It is the driver's responsibility to confirm that the passenger airbag switch is in the correct position for the person sitting in the front passenger seat.

Emergency Call (E-Call)

- E-Call refers to emergency call. Pressing and holding the SOS button for a maximum of 10 seconds triggers the E-Call system manually, and pressing and holding the button for 10-20 seconds does not.
- To cancel an emergency call made by mistake, press the SOS button a second time within five seconds.



- The E-Call system activates automatically in the event of airbag deployment or the detection of a severe collision.
- When triggered, the system automatically makes an emergency call and communicates standard information to a public safety answering point.

 CAUTION

- The SOS button will be considered to be short-circuited (button stuck) if you press and hold the SOS button for over 20 seconds. In that case, the E-Call cannot be triggered manually.
- The dialed emergency call cannot be canceled manually. The E-Call system will begin 60-minute callback time after the call is hung up by the public safety answering point or is not answered when it has been dialed 10 consecutive times.

Status	LED Indicator	LED Indicator
Ignition off or E-Call system failure	Off	\
Power-on self-check mode	Flashing fast - 2 Hz	\
Ignition on and self-check passed	Solid on if self-check is passed	\
E-Call connecting	Flashing - 1 Hz	A beep
E-Call connected	Flashing - 1 Hz	A beep
E-Call ended	Solid on	Two beeps after E-Call ends
Callback time (60 minutes by default)	Flashing extremely slowly - 0.2 Hz	\

Sunroof Switch

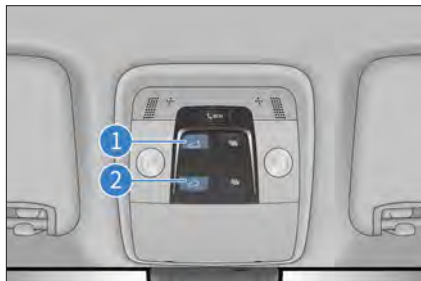
Panoramic Sunroof

The sunroof can only be operated when the vehicle is powered on or when the power-off delay has not expired.

Opening the sunroof

- Press and hold the sunroof open button ① to open the sunroof manually. Release the button midway to stop the sunroof at its current position.

- If the sunroof has been initialized, pressing the sunroof open button ① and release it immediately, the sunroof tilts up for ventilation. Pressing the button again will set the sunroof to open automatically by about 80%. Touching the button once more will open the sunroof completely. If button ① or ② is pressed when the sunroof is opening, the sunroof will stop at its current position.



Closing the sunroof

- Press and hold the button ② to close the sunroof. The sunroof will stop if the button is released.
- If the sunroof has been initialized, releasing the sunroof close button ② immediately after touching it closes the sunroof automatically. If button ① or ② is pressed when the sunroof is closing, the sunroof will stop at its current position.

Opening/Closing Sunshade

Opening the sunshade

- Press and hold the sunshade open button ① to open the sunshade manually. Release the button midway to stop the sunshade at its current position.
- Release the sunshade open button ① immediately after touching it. The sunshade opens automatically. For the sunshade to stop at its current position, touch the ① or ② button midway.



Closing the sunshade

- Press and hold the sunshade close button ② to close the sunshade manually. Release the button midway to stop the sunshade at its current position.
- If the sunshade has been initialized, releasing the sunshade close button ② immediately after touching it closes the sunshade automatically. For the sunshade to stop at its current position, touch the ① or button ② midway.

! REMINDER

- When the sunroof is not fully closed, the sunshade position will never be further than that of the sunroof.

Sunshade linkage function

- When the sunroof is opened, the sunshade will be opened together with the sunroof.

Sunroof Anti-pinch

If the sunroof or sunshade closing process is obstructed by anything, it will stop and slightly retract.

WARNING

- Keep clear of the sunroof when it is opening or closing.
- Passengers must refrain from sticking hands or their heads out through the sunroof.

CAUTION

- Trying to open the sunroof in outside temperatures below 0°C or when it is covered in snow or frost may damage the sunroof or its motor.

Initialization

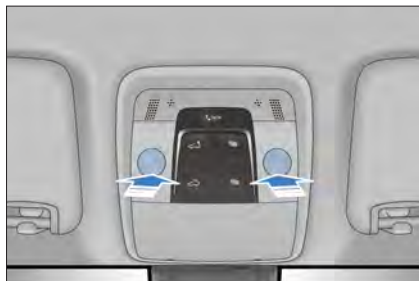
- With the ignition on, the signal remains valid and the sunroof is in the uninitialized state, try the following steps for initialization:
- Press the close button once to fully close the sunroof/sunshade.
- If the sunroof/sunshade does not close fully, calibrate manually. Press and hold the sunroof/sunshade close button, and release it when the sunroof/sunshade stops moving. Hold the button again for at least seven seconds, and release it until the sunroof/sunshade is fully closed and a click sound is heard.
- The sunroof and sunshade are initialized separately.

Interior Light Switch

Front Interior Lights

Left interior light button

Right interior light button



- Press the interior light buttons to turn on left/right interior lights. Press again to turn them off.

Left/Right Rear Interior Light Switches*

- When the ignition status is on OK, press these buttons to turn on the left/right interior lights in the rear cabin.
- Press again to turn them off.



Smart Ambient Lights

When the door is opened, the smart interior ambient lights turn on automatically to create a pleasant environment in the cabin.

- Tap  → **Vehicle Settings** → **Lights** to set:
 - Ambient light colors
 - Ambient light brightness
 - Ambient light lighting area
 - Music rhythm

04

USING AND DRIVING

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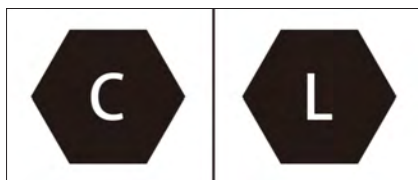
Charging/ Discharging Instructions

Charging Instructions

- The charging equipment is a high-voltage electrical device. Minors are prohibited to charge or touch it. Keep minors away from the vehicle when charging.
- Charging may affect medical or implanted electronic devices. Consult the device manufacturer before charging.
- Charge the vehicle in a relatively safe environment, and avoid charging in damp areas, or areas with fire or heat sources.
 - Protect the charging equipment against water contact on rainy days.
- Before charging:
 - Ensure that power supply equipment, charging connector, charge port, and charging connection device are free of defects, such as cable wear, rusted ports, cracked casings, or foreign objects in the ports.
 - Do not charge the vehicle when the charging connector's or port's plug, socket, or metal terminals are loose or damaged by rust or corrosion.
 - When the charging connector, port, power plug, or socket is visibly stained or damp, wipe them with a dry and clean cloth to ensure the connection is dry and clean.
- Use charging equipment that complies with local standards.
 - To avoid charging failure or fire, do not modify, disassemble, or repair the charging equipment and related ports.
- Do not use charging equipment that does not meet safety standards or has potential safety hazards. Do not allow children to use the charging equipment and keep animals away from the vehicle while charging.
- Ensure that your hands are properly dry before charging.
- If anything abnormal is found in the vehicle or charging equipment during charging, stop immediately and contact a BYD authorized dealer or service provider.
- Always observe the following charging precautions to prevent damage to the vehicle:
 - Do not shake the charging connector, otherwise the vehicle charge port may be damaged.
 - Whenever possible, do not charge the vehicle during a thunderstorm, or there will be a risk of lightning strikes.
- Do not open the hood for maintenance while charging.
- After charging, do not disconnect the charging equipment with wet hands or while standing on any wet surface.
 - Before driving, make sure that the charging equipment is disconnected from the charge port.

Vehicle compatibility and charging infrastructure

- These signs are located on the vehicle charging socket and charging infrastructure components (e.g., charging stations and sockets).



- These signs refer to standardized charging systems in accordance with DIN EN 62196.

Charging Precautions

- When the SOC bar on the instrument cluster turns red, the high-voltage battery is about to be exhausted. Please charge it immediately, otherwise the service life of the high-voltage battery will be reduced.
- Mode 2 charging means charging with an AC charging connector that complies with local standards. Use a dedicated AC line and power sockets meeting local standards. The purpose of using a dedicated line is to protect the line from tripping due to line breakage or high-power charging of the high-voltage battery. Using a line other than dedicated lines may affect proper operation of other devices on the line.
- Avoiding damage to the charging equipment (precautions for charging equipment):
 - Prevent the charging equipment from suffering any mechanical impact.
 - Do not place the charging equipment near heaters or other heat sources.
- Before charging:
 - Make sure that the charging connector and charge port are free of foreign objects, and that the protective cap of the charging connector terminal does not get loose or deformed.
 - Hold the charging connector with one hand, align the connector with the charge port and push it in, making sure that they are properly connected.
- When charging is complete:
 - Stop charging first and make sure the charge port is unlocked.
 - Hold the charging connector with one hand and remove the connector.
 - Do not force the charging connector out while the charge port is locked, otherwise the charge port may be damaged.
- The vehicle can be powered on to use the A/C while charging. To ensure the charging power, it is recommended to turn off the A/C.
- It is recommended that no one stay in the vehicle during charging.
- It is recommended to park the vehicle in a ventilated area during charging.
- The vehicle system automatically stops charging when the high-voltage battery is fully charged. The charge port is equipped with an electronic lock. Unlock it before unplugging the charging equipment.
- To stop DC charging, turn off the charger before disconnecting the charging connector. In Mode 2 charging, remove the charging connector and then the power plug.
- When charging is complete and the charging connector is unplugged, make sure that the charge port's cap and door are closed, otherwise water or foreign materials may enter the port and affect its normal use.
- Before starting the vehicle, ensure that the charging equipment is disconnected. The locking mechanism can damage the charging equipment and the vehicle if the vehicle is started with the charging connector incorrectly inserted.

- Battery temperatures that are too low or too high can compromise vehicle charging performance.
- The temperature control system can improve low-temperature charging capacity of the battery. Due to output capacity limitations of charging piles, the charging time is extended, the heating time becomes longer and the power consumption of heating is increased. It's the normal phenomenon.
- For faster low-temperature DC charging, it is recommended to charge the vehicle with low SOC, because when the vehicle has high SOC and the temperature is low, the charging current is small due to low battery temperatures.
- To improve your experience at low temperatures, it is recommended that you charge the vehicle immediately after using it, as the battery is relatively hot and has better charging performance.
- Turning A/C on during low-temperature charging can affect the performance of battery temperature control system and charging performance.
- It is normal that when the battery temperature control system is working during charging, the charging power displayed on the instrument cluster may fluctuate temporarily.
- Before the charging is complete, for longer battery life, battery equalization is activated and thus the charging time may be longer.
- The use of A/C may worsen battery temperature control system performance in DC charging at high temperatures, resulting in lower charging performance and longer charging time. To ensure charging efficiency, it is recommended to keep the A/C off during charging.
- When the heating or cooling function is enabled during charging, it is normal that both charging time and power consumption increase slightly.
- To ensure optimum battery temperature, the battery cooling system may continue working after charging is complete.
- During charging, the estimated remaining time to full charge is displayed on the instrument cluster or infotainment system. It is normal that the remaining time to full charge may vary slightly depending on the temperatures, SOC, and charging facilities. Before charging is completed, "Calculating..." is displayed on the instrument cluster.
- If the vehicle will not be used for longer periods of time afterwards, make sure to fully charge its high-voltage battery before use. In case of idle periods, it is recommended to charge the battery every three months in order to prolong its service life.

REMINDER

- Do not open the charge port door forcibly when it is locked.
- Do not forcibly insert the connector with the electric lock engaged.
- When the port cap is fully open, do not close the charge port door.
- When the vehicle is charged with an external power supply, it is normal that the cooling fan and A/C compressor may operate automatically for the high-voltage battery to cool down.

General Charging Troubleshooting

Fault	Possible Cause	Solution
Charger is connected and charge starts, but battery cannot be charged.	Charging card in arrears or faulty charging pile.	Consult card balance or contact charging station staff.
	AC charging connector not properly plugged in.	Ensure the charger switch has come up. Check cable length and connection position.
	Low-voltage battery over-discharges	Connect the vehicle to another low-voltage battery to charge its own low-voltage battery after powering on.
	The local standard socket has no power supply.	Ensure the power supply is under overload protection. Use an outlet that complies with local standards.
	Vehicle or AC charging connector failure	Check for power system fault/failure warning light or message on the instrument cluster. If found, stop charging and contact a BYD authorized dealer or service provider.
	High-voltage battery temperature above or below specification	Warm up or cool down the high-voltage battery.
Charging stops midway	High-voltage battery is full	When the high-voltage battery is fully charged, the charging will stop automatically.
	The charging cable is not properly connected.	Ensure the charging connecting device is properly connected.
	AC grid outage	Charging will restart automatically a while after AC supply returns to normal. If it doesn't, reinsert the charging connector.
	High-voltage battery temperature is too high.	A high-voltage battery overheating warning is displayed on the instrument cluster. Charging will stop automatically and restart after the battery has cooled down.
	Vehicle or charging pile failure	Verify that there is fault prompts for the charging pile or the vehicle, and it is recommended to contact a BYD authorized dealer or service provider.

Charging

- Check before charging:
 - Check the charging device for abnormalities such as cracked housing, worn cable, rusted plug, or foreign materials.
 - Do not charge when the charging connection becomes loose.
 - Make sure the port is clear of fluids or foreign objects, and its metal terminals are not rusty or corroded.
- In any of these cases, do not charge. Otherwise, personal injury may occur due to short circuit or electric shock.

Using Mode 2 Charging Cable

1. Equipment descriptions

- Connect the vehicle to an outlet that meets local standards to charge the vehicle.
- A household socket meeting local standards must be used in order to avoid line damage or tripping due to high-power charging, which may effect the normal use of other devices.
- This Mode 2 Charging Cable includes a power plug (complying with local standards), a charging connector, a control box, and a charging cable. The plug is connected to a standard household power socket, and the charging connector to the vehicle's charge port.
- Charging time: Refer to the charging time message on the instrument cluster or infotainment system.



CAUTION

- Contact a BYD authorized dealer or service provider, or a BYD authorized technician, to select the appropriate power supply according to the charging equipment requirements.
- The equipment must be properly grounded. In the event of failure or damage to the charging equipment, the grounding cable provides a minimum impedance to circuit discharge and thereby reducing the risk of electric shock.
- The power plug must match a properly installed and grounded power outlet that meets safety standards.



REMINDER

- When charging, the charging cable cannot be placed in a spiral, as this will affect heat dissipation.
- For specific charging precautions, refer to the charging instructions.



WARNING

- See "Charging Instructions" for charging safety warnings.
- The highest working temperature allowed for the product is 50° C. Store the product in a cool and dry place when it is not in use.
- When charging, do not place the equipment in the trunk, under the front of the vehicle, or near the tires.
- When using the equipment, prevent it from getting rolled over by the vehicle, dropped, or trampled on.
- Never drop the equipment or move it by pulling it directly by its cable. When moving the equipment, handle it with care.

⚠ WARNING

- Do not modify, disassemble, or repair the charging equipment and related ports.
- It is not recommended to use any additional wire or adapter/connector. If an additional adapter is required, choose a suitable cable diameter ($\geq 1.5 \text{ mm}^2$) and the adapter/connector parameters must meet requirements.
- Never use the charging equipment if the household power strip cable becomes soft, if the charging connector cable is worn out, if the insulation layer is cracked, or in case of any other damage.
- Never use the equipment when the charging connector, power plug, or power strip is disconnected, broken, or there is any sign of surface damage.
- To prevent failure of the charge port door, do not open and close it repeatedly.

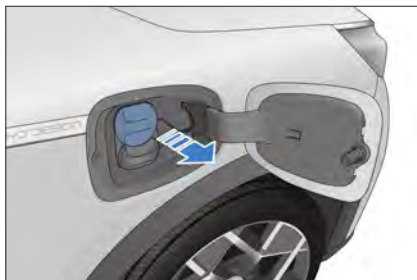
2. Charging

- Power off the vehicle.
- With the doors unlocked, press the charge port door to open.



- Open the charge port cap and the protective cover of the charging connector, and make sure that no obstacles exist between the head of the

charging connector and the end of the charging socket.



- Connect the power supply terminal:
 - Plug the Mode 2 Charging Cable into a household socket.
- Connect the vehicle port:
 - Plug the charging connector correctly into the port.
 - After the charging connector is inserted, the charging connection indicator on the instrument cluster or infotainment touchscreen lights up.

⚠ CAUTION

- Do not forcibly insert the connector with the electric lock engaged.
- In the charging process, the instrument cluster displays relevant charging parameters and the charging sign.
- At this time, you can schedule smart charging in → **New Energy** → **Charging Setting**.
- During charging, the estimated remaining time to full charge is displayed on the instrument cluster. It is normal that the remaining time to full charge may vary slightly depending on the temperatures, SOC, and charging facilities.
- Smart charging cannot be used when the remaining battery is too low.

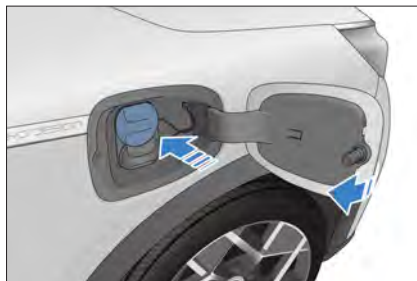
3. Stopping charging

- End the charging:
 - The charging automatically ends when the vehicle is fully charged.
 - To end the charging early, proceed to the next step.
- Disconnect the charge port:
 - Press the unlock button on the smart key or press the door handle microswitch while carrying the smart key and pull out the charging connector.

! REMINDER

- To unlock the vehicle, press the unlock button on the key (when charging the vehicle with ignition switched off) or press the microswitch on the door handle (when the key is nearby).
- To pull out charging connector and end charging, unlock the vehicle to deactivate the anti-theft lock before pulling out the charging connector. The connector has to be pulled out within 30 seconds, or the port will re-lock.
- The electric lock mode can be set in  → **New Energy** → **Charging Settings**. See "Charge Port Anti-theft Lock*" for the setup procedure.
- If the charging connector cannot be removed after unlocking, try a few more unlocking attempts. If that does not work, try emergency unlocking. For the operating procedure, see "Emergency Unlocking of the Charge Port" in "Charge Port Anti-theft Lock".

- Disconnect the power plug.
- Close the charge port cap and the port door.
- Store the charging equipment properly.



! REMINDER

- When the port cap is fully open, do not close the charge port door.

! WARNING

- Never drop the Mode 2 equipment. Never move it by pulling it directly by its cable. When moving the device, it needs to be handled with care. Never move it by pulling it directly by its cable.

Using AC Charging Piles*

1. Equipment descriptions

- Single-phase AC charging box*
 - Use a standard-compliant household charging box. For how to use the charging equipment, refer to its user manual and follow the operating steps.
- Single-phase AC charging box: Consists of a charging box, a charging connector, and a connecting cable. For information on circuit breaker and emergency stop switch, see the charging box user manual.
- Single-phase AC charging pile*
- Charge the vehicle using an AC charging pile in a public place.

- Charging time: Refer to the charging time message on the instrument cluster or infotainment touchscreen.

2. Charging

- Unlock the vehicle and open the charge port door:
 - Close the charge port cap and the port door (see instructions for mode 2 charging).
- Connect the vehicle port:
 - Plug the charging connector into the port and make sure it is tight.
- Charging settings:
 - For AC charging pile/box subject to authentication, swipe the card or scan the QR code. For details, see the user manual for charging pile/box.
- The charging connection indicator  lights up on the instrument cluster.
- In the charging process, the instrument cluster displays relevant charging parameters and the charging sign.
 - At this time, you can schedule smart charging on the infotainment system.

3. Stopping charging

- End the charging:
 - Charging stops automatically when it is interrupted by the user, or when the battery is fully charged.
- Disconnect the charge port:
 - Disconnect as per the instructions for mode 2 charging.
- Close the AC charge port door (see instructions for mode 2 charging).
- Store the equipment properly.
 - If using an AC charging pile/box, place the charging connector in its designated location in the charging pile/box.

Using DC Chargers

1. Equipment descriptions

- Use the DC battery charger in public places to charge the vehicle. Generally, it is installed in a specific charging station.
- Equipment specifications: Please check the instructions for the charger.
- Charging time: Refer to the charging time message on the instrument cluster or infotainment touchscreen.

2. Charging

DC charging is achieved by connecting the vehicle to a DC charger via its connector.

- Unlock the charge port door, then open the port door and cap.
- Connect the vehicle port:
 - Plug the connector into the port, making sure it is tight.
- Operate the charging equipment to start charging.



- The charging connection indicator  on the instrument cluster lights up.
- In the charging process, the instrument cluster or infotainment touchscreen display relevant charging parameters and the charging sign.

3. Stopping charging

- End the charging:
 - Charging ends automatically when early stop time is due or the charging is complete. You can end charging through charging app or swiping card.
 - Double-pressing the unlock button of driver's door or on the smart key within three seconds to stop charging.
- When the DC charging pile charging is complete, organize the charging equipment and store the charging connector in its designated position properly.
- Reinsert the DC charge cap and close the port door.

REMINDER

- When the port cap is fully open, do not close the charge port door.

CAUTION

- If the charging connector cannot be removed after unlocking, try a few more unlocking attempts. If that does not work, try emergency unlocking. For the operating procedure, see "Emergency Unlocking of the Charge Port" in "Charge Port Anti-theft Lock".
- To unlock the charge port after DC charging, press the unlock button twice within three seconds for the operation to be successful.
- See "Charging Instructions" for specific charging precautions.

WARNING

- For specific charging safety warnings, refer to the charging instructions.

Smart Charging Function

- When the manager detects that the low voltage battery capacity is low, it can be charged by the high-voltage battery, so it is normal that the SOC and driving range displayed decrease when the vehicle is powered on after an idle period.

REMINDER

- When the vehicle lies idle for long periods, it is normal that smart charging takes place.
- Power for smart charging comes from the high-voltage battery pack, so it is normal that an SOC decrease is noticed when the vehicle is powered on.

Discharging Device*

- This vehicle is equipped with vehicle-to-load (V2L) feature.

REMINDER

- The V2L function is recommended only when SOC is high.
- The V2L function is restricted when the vehicle SOC is low.

CAUTION

- For precautions concerning use of the discharge connection device, please refer to the precautions for charging equipment included in item 3 of "Charging Precautions".
- Before discharging, please confirm the vehicle SOC and estimate the remaining driving range.

WARNING

- Do not touch any metal terminal of the discharging socket, in-vehicle discharge socket, or vehicle charge port during discharging.
- Stop discharging immediately if there are any abnormalities such as peculiar smell and smoke.
- See "Charging Instructions" for charging safety warnings.
- Store the product in a cool and dry place when it is not in use.
- When charging, do not place the equipment in the trunk, under the front of the vehicle, or near the tires.
- When using the equipment, prevent it from getting rolled over by the vehicle, dropped, or trampled on.
- Never drop the equipment or move it by pulling it directly by the cable. Take caution when moving the equipment.
- Never use the charging equipment if the power strip cable becomes soft, the charging connector cable is worn out, the insulation layer is cracked, or any other damage occurs.
- Never use the equipment when the discharging connector or power strip is disconnected or broken, or when there is any sign of surface damage.

External Discharging Method

Discharging

- Before discharging, turn off the anti-theft mode of the vehicle.
- Unlock the charge port door switch, then open the port door and cap.

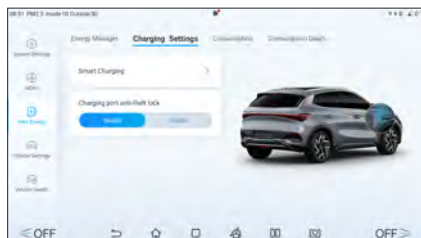
- Check before discharging:
 - Ensure that the battery capacity of the vehicle to be discharged is not below 15%.
 - Ensure the V2L connection device casing is not cracked, and its plug is free from rust or obstructions.
 - Ensure that there is no water or foreign material inside the charge port and that metal terminals are not damaged and free from rust or corrosion.
 - Do not discharge if any of the above conditions is found; otherwise, short circuit or electric shock so caused could lead to personal injury.
- Connect the discharge connection device:
 - Connect the V2L discharge device to the charge port. The power strip indicator lights up when the strip is powered and ready for use.
- Discharging starts:
 - After the connection is made, discharge begins and respective information is displayed on the instrument cluster.

Stopping discharging

- Stop discharging:
 - Disconnect the load.
- Disconnect the discharge connection device:
 - Unplug the discharging device.
 - Close the charge port cap and the port door (see instructions for Mode 2 charging).
- Organizing the equipment:
 - Store the equipment properly when discharging is complete.

Charge Port Anti-theft Lock

- In order to prevent the charging connector from being stolen, the vehicle charge port is anti-theft during charging and discharging. The anti-theft function is disabled by default. To enable the function, go to the infotainment touchscreen in  → **New Energy** → **Charging Settings**.



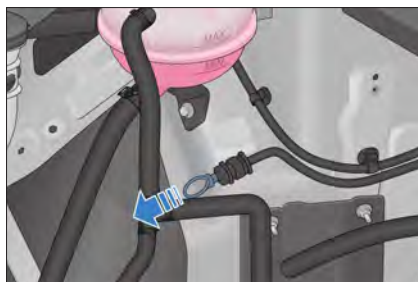
- When the function is enabled, unlock the vehicle and unplug the charging connector during charging in the following ways:
 - When it is on OFF status, press the unlock button on the smart key to unlock.
 - Press the microswitch next to the exterior handle of the driver's side door to unlock (with the smart key nearby).
 - Press the central unlock button under the window on the driver's door to unlock.

CAUTION

- After unlocking the charging connector, it can be pulled out within 30 seconds. After 30 seconds, it will lock again.

Emergency Unlocking of the Charge Port

- When the electric lock fails and the charging connector cannot be unplugged, try to unplug the charging connector by manually unlocking the charge port.
- Open the hood. A lock latch can be found inside. Pull the latch to unlock the charging connector.



Driving Range Display*

- The range display mode can be set to improve driving experience. The default setting is standard mode.
- The corresponding settings can be made in  → **New Energy** → **Energy Manager** → **Range display mode**.
 - Standard mode: displays the driving range based on the result of comprehensive working condition test.
 - Dynamic mode: displays the estimated driving range based on the available battery power and current average energy consumption.
- The set driving range display mode is memorized by the system.
 - When the vehicle is powered off and then on, the display mode set last time will be maintained.

! REMINDER

- When the "Dynamic" driving range display mode is set:
 - The range displayed when the battery is fully charged varies based on the energy consumption of the previous trip.
 - The driving range actually displayed will be adjusted based on the state of the vehicle's air conditioner, the driving mode (ECO, NORMAL, SPORT, etc.) selected, and the driver's driving habits, so as to match the vehicle's actual driving range.

Energy Regeneration Settings

- During the driving, energy is recovered through regenerative brakes when the vehicle decelerates. For higher efficiency, do not accelerate or decelerate the vehicle unnecessarily.
- The energy regeneration intensity can be set with the regenerative mode button or the infotainment system.
 - Standard: When the accelerator pedal is released, the motor controller recovers energy in the standard level, and the vehicle deceleration is in the standard level.
 - High: When the accelerator pedal is released, the motor controller recovers more energy, and the vehicle deceleration is high.
- The corresponding settings can be made in  → **New Energy** → **Energy Manager** → **Energy feedback intensity**.

- You can select the regeneration intensity based on the deceleration sense when releasing the accelerator pedal. Different deceleration senses deliver different driving experiences.
- The set energy regeneration intensity will be memorized. When the vehicle is powered off and then on, the regenerative braking mode set last time will be maintained.

! REMINDER

- Do not set the regeneration intensity when driving the vehicle in high speed, as the driver may be distracted.
- The power of the whole vehicle is weaker at low battery level than that at high battery level.

Battery

High-Voltage Battery

- The vehicle is powered by a high-voltage battery that can be charged and discharged repeatedly. The high-voltage battery is charged by an external power source or through energy recovery when the vehicle brakes or coasts.
- The high-voltage battery is located at the vehicle's chassis, so be careful to avoid bumping when driving on bumpy or uneven roads.

Battery Properties

- It is normal that vehicle performance is affected by battery electrochemical properties and self-protection and varies to some extent in the following conditions:

- When SOC is high, the regenerative braking performance may decline.
- The vehicle switches to trickle charging mode at high SOC. If the charging time is prolonged, the estimated remaining charging time displayed on the instrument cluster may not be accurate.
- When SOC is low, the acceleration performance may decline.
- When the high-voltage battery is low, V2L/VTOV* cannot be used as normal. Charge the battery promptly.
- At high or low temperatures, it is normal that the charging and discharging capabilities of the high-voltage battery decline, and the charging time is prolonged. For fast charging, high-power charging equipment is recommended. Power performance may also decline under extreme temperatures.
- When charging in low temperatures, the temperature control system can significantly improve charging capability. For details, see Charging Precautions.
- When the vehicle is used at low temperatures, the battery's temperature control system will start heating the battery as appropriate to ensure the driving power and discharging performance and improve your driving experience. When the vehicle is driven over short distances, heating may be ineffective, which increases power consumption and decreases driving range.
- When the high-voltage battery is normal, the driving range of the vehicle varies with the following factors:
 - Driving habit: For example, the range in frequent acceleration or deceleration is shorter than that at constant speeds, and the range is shorter when driving at high speeds than when at low speeds.
 - Road conditions: For example, the range driven in rough conditions or on long slopes is shorter than that in normal conditions and on even roads.
 - Air temperature: The driving range at low temperatures is shorter than that at ambient temperatures.
 - Use of electric equipment: For example, the range driven with A/C on is shorter than that with A/C off.
 - Available power of the high-voltage battery is lower in cold weather and reduces as the temperature decreases. If the vehicle with high battery level is charged at low temperatures, the SOC may quickly jump to 100%.
- The available battery capacity decreases as the vehicle is used over time.

Usage Tips

- It is recommended to use the vehicle at temperatures between -10°C to 40°C. When SOC is low, timely charge the vehicle to ensure enough driving range and good acceleration performance.
- To maintain long-term performance, avoid continuously exposing the vehicle to an environment with a extreme temperature for over 24 hours.
- In low ambient temperatures, if the vehicle must be stored for a long time, it can be placed in an underground garage or other warmer area to reduce loss of battery heat, maintaining vehicle performance.

- Frequent and sudden acceleration or deceleration should be avoided. Drive the vehicle on flat and dry roads. When necessary, turn off high-power equipment such as A/C or adjust the A/C temperature to reduce power consumption of such devices and increase the driving range.
- Low-power charging contributes to the service life of high-voltage battery.
- When the vehicle is used for the first time or after a long idle period, the SOC displayed on the cluster may not be correct. It is recommended to fully charge the vehicle first.
- For optimal battery performance, it is recommended to fully charge the vehicle at a regular basis (at least once a week), and fully charge it from low battery (SOC <10%) once every three to six months.
- Under extreme working conditions (such as frequent sudden acceleration/ deceleration) that cause battery overheating, if the temperature of high-voltage battery is excessively high, it is normal for discharging capability to decrease gradually. If the battery temperature keeps rising, the fault light on the cluster will light up. At this time, it is recommended to contact a BYD authorized dealer or service provider.
- When the battery SOC increases or decreases abnormally, it is recommended to contact a BYD authorized dealer or service provider for inspection.

WARNING

In the event of an emergency or accident, be aware of the following warnings:

- To avoid personal injury, do not touch the high-voltage battery directly.
- Please contact a BYD authorized dealer or service provider as soon as possible.
- If the high-voltage battery is damaged and leaking fluid, avoid any contact with the fluid. If it comes into contact with skin or eyes, rinse immediately with plenty of water, and seek immediate medical attention.
- If the vehicle catches fire, use dedicated fire extinguishers instead of water-based fire extinguishers.

CAUTION

- To ensure safety of the high-voltage battery, stop the vehicle away from flammable and explosive materials, ignition sources and various hazardous chemicals.
- The available battery capacity decreases as the vehicle is used over time.
- Prolonged exposure to heat sources and direct sunlight will reduce high-voltage battery service life.

CAUTION

- When the vehicle is not to be operated for an extended period (over seven days), it is recommended that the battery SOC should be kept at 40%-60% to prolong its service life. When the vehicle is not to be operated for over three months, the high-voltage battery must be fully charged and then discharged to 40%-60% every three months. Otherwise, over-discharge may lead to battery performance degradation or even damage. Any vehicle fault or damage so caused will not be warranted.
- If there is a collision with the high-voltage battery, contact a BYD authorized dealer or service provider immediately for maintenance.
- Do not add battery refrigerant by users themselves. If needed, please contact a BYD authorized dealer or service provider.

High-Voltage Battery Recycling

How to scrap an NEV:

1. Take the vehicle to the BYD recycling service provider that will assess the residual value of the high-voltage battery.
2. Take the assessed vehicle to the recycling organization to disassemble the high-voltage battery.
3. Take the battery to the recycling service provider which will buy back the battery.

WARNING

- New energy car owners have the responsibility and obligation to hand over waste high-voltage batteries to the recycling service outlet. Anyone who hands over a used high-voltage battery to any other organization or individual, or removes/disassembles a high-voltage battery without authorization, shall be liable for any environmental pollution or safety incident so caused.

Low-Voltage Battery (12V)

Open the hood to find the 2 poles of the low-voltage battery, i.e. positive terminal ("+") and negative terminal ("-").

- To prevent the SOC of the low-voltage battery becoming too low, the smart charging function is triggered automatically when conditions are met (ignition off, high-voltage battery discharging allowed, and low-voltage battery level below the design value).
- If the battery voltage is too low, it may not be able to power on the vehicle. In that case, contact the BYD authorized dealer or service provider promptly.
- Check the conditions of the low-voltage battery once a month, including corrosion of its poles. If the poles are corroded, disconnect the negative terminal and pour soda water on it. When the bubbles dissipate, rinse the brown water and wipe them with a dry cloth. Apply some grease to prevent further corrosion.

- If the connector becomes loose, tighten the clamp nut, but do not overtighten it. Tighten the pressing tool until it securely fixes the low-voltage battery in place. Overtightening will damage the battery box.

REMINDER

- It is normal that smart charging with the ignition off produces a noise similar to when the ignition is switched on.
- Do not carry out maintenance work during smart charging.
- When leaving the vehicle, make sure the doors are closed and all electrical equipment is turned off.
- If the vehicle needs to be parked for a long time, please disconnect the negative terminal wire.

CAUTION

- When checking the low-voltage battery, remove the ground cable from the negative terminal (-) first, and reconnect it last.
- When cleaning the low-voltage battery, make sure to avoid any fluid getting inside.

WARNING

- The low-voltage battery contains a corrosive solution. To prevent damage to the battery or injury, do not disassemble or repair the battery without authorization.
- Do not disassemble or dismantle the low-voltage battery. Any organization or individual to do so shall bear the responsibility for environmental pollution or accidents.

WARNING

- Low-voltage battery may produce combustible and explosive hydrogen gas. Prevent the low-voltage battery from making sparks when using tools. Do not smoke or use open flames near the low-voltage battery.
- Avoid electrolyte contact with eyes, skin or clothing. In case that happens, use baking soda water to clean the skin, and plenty of water to rinse the eyes, and immediately seek medical attention.
- Avoid accidentally swallowing the electrolyte.
- Keep children away from the low-voltage battery.

Usage Guidelines

Break-in Period

- If the powertrain is hard to start or frequently stops turning, inspect the vehicle immediately.
- If the powertrain makes any abnormal sounds, stop the vehicle for inspection.
- If the powertrain has severe coolant and oil leakage, stop the vehicle for inspection.
- The powertrain needs break-in. This should preferably be done within the first 2,000 km in economic mode. Steady driving instead of high-speed driving is recommended. The following practices effectively prolong vehicle service life:
 - Avoid flooring the accelerator pedal when starting and driving the vehicle.

- Do not maintain a high or low speed for too long.
- Avoid emergency braking within the first 300 km.

Trailer Towing

- This vehicle is designed to carry passengers. Do not overload it or use it to tow other vehicles.
- Towing other vehicles will have an adverse impact on the vehicle, including maneuverability, performance, braking, endurance, economic driving or power consumption.
- Driving safety and comfort totally depend on equipment usage and good driving habits.
- BYD does not provide free warranty for the damage or faults resulted from towing for commercial purposes.

Driving Safety Precautions

No drunk driving

Even a small amount of alcohol can reduce a driver's ability to respond to changes in traffic conditions. The higher the level of alcohol, the less responsive the driver will be, therefore, drunk driving is strictly prohibited.

No speeding

Speeding is the main cause of collisions and casualties. Generally speaking, the faster the speed, the greater the danger, therefore, maintain a safe speed according to road traffic conditions.

Keeping the vehicle in safe driving condition

Burst tires or mechanical failures are extremely dangerous. Drivers must regularly check vehicle conditions and submit the vehicle to its scheduled inspections to reduce the possibility of such failures.



CAUTION

- Only licensed drivers can drive the vehicle.
- Do not drive when fatigued.
- Traffic laws are to be observed at all times.
- When driving, drivers must stay focused and not carry out any unrelated activity, such as answering calls or adjusting buttons.

Suggestions for Vehicle Use

Suggestions for prolong the battery usage:

- When the vehicle is not to be operated for an extended period (over seven days), it is recommended that the battery SOC should be kept at 40%-60%, or it will reduce high-voltage battery service life.
- When the vehicle is not to be operated for over three months, the high-voltage battery must be fully charged and then discharged to 40%-60%. Otherwise, over-discharge may lead to battery performance degradation or even damage. Any vehicle fault or damage so caused will not be warranted.
- During operation of the vehicle, if the instrument cluster displays the pure electric driving mileage as 0, it indicates the battery SOC is low. In this case, charge the high-voltage battery in time and avoid operating the vehicle with low SOC for a long time.

- For optimal battery performance, use a charging connector to fully charge the battery regularly, and the recommended frequency is once a week at least.
- To maintain long-term performance, avoid continuously exposing the vehicle to an environment with a temperature above 60°C or below -30°C for over 24 hours.
- If the tray dented inward or there is scarification under the battery package tray, it is suggested to check at a BYD authorized dealer or service provider.
- During operation of the vehicle, avoid repeated rapid acceleration or deceleration whenever possible.
- During operation of the vehicle, avoid operating the vehicle continuously for a long time whenever possible; otherwise, the excessively high battery temperature will affect vehicle performance.
- If the cluster malfunctions when driving, it is recommended to contact a BYD authorized dealer or service provider for inspection as soon as possible.
- When the high-voltage battery temperature is high, the vehicle performance will be limited to some extent. In this case, stop the vehicle and wait until the temperature drops before operating.

REMINDER

- If the meter drops to 0, the battery must be recharged. If it is not recharged within 7 days, the battery may suffer permanent damage. Such damage is not covered by BYD warranty terms.

REMINDER

- Driving range depends on a number of factors, such as the vehicle's available power, vehicle age (current battery life), weather, temperature, road conditions and driving habits. Compared with under normal temperatures, the pure-electric driving range is somewhat reduced and power performance will also be affected in low or high temperature environments.

Saving Energy and Extending Vehicle Service Life

- Saving energy is simple and easy, and it helps prolong the vehicle's service life.
- Energy and repair cost saving tips:

1. Regenerative braking setting:

- This vehicle can recycle energy. Set the energy through regenerative braking, which can be set by using the corresponding button in the infotainment system. When regenerative braking is set to high, energy recovery increases when braking and coasting. Set this feature according to driving habits.

2. Maintaining constant speed:

- Constant speeds save energy. Sudden acceleration, sharp turns and emergency braking increase consumption.
- Speeds should be kept constant according to traffic conditions. Additional energy is consumed each time the accelerator is pushed.
- Acceleration should be gradual. Avoid sudden acceleration or deceleration.

- Prevent emergency braking, and subsequent brake wear, by keeping an appropriate distance from vehicles ahead, and paying attention to traffic lights.
- Congested roads increase energy consumption.
- Keep moderate speeds in motorways. The higher the speed, the higher the consumption.

3. Reduce load:

- Consumption is higher when air conditioning is used. When outside temperatures are moderate, the use of air circulation instead of air conditioning reduces consumption.
- Do not overload the vehicle unnecessarily.

4. Other tips:

- Make sure tire pressure is correct. Low tire pressure increases energy consumption and wear.
- Keep front wheels properly aligned, avoid driving into curbstones, and drive slowly in rough terrain.
- Keep the bottom of the vehicle clean and mud free. This reduces vehicle weight and prevents corrosion.

REMINDER

- Do not coast in neutral gear.

Carrying Luggage

- This vehicle has multiple storage spaces that allow you to conveniently keep items. Overloading or improper accommodation may affect maneuverability, stability and normal operation of the vehicle, and reduce its safety.

- The glove box, storage boxes on interior trim panels and file pockets on seat backs are designed for small and light objects, while the trunk for large and heavy objects.
- Long items can be loaded by folding the rear seat backrests. Overloading or improper accommodation may affect maneuverability, stability and normal operation of the vehicle, and reduce its safety.
- Make sure the vehicle's total load (vehicle + passengers + luggage) remains within the specified maximum weight.

WARNING

- Overloading and improper accommodation may affect stability and vehicle control, which may lead to accidents.
- Observe the maximum weight limit and other loading guidelines in this manual.
- Do not carry highly magnetic items, for those might interfere in the the vehicle's operating functions.

Carrying Items in the Passenger Area

- All items that could be thrown inwards and thus injure occupants in case of a collision must be properly placed and secured.
- Do not place any item above the rear seats' backrest line so as to keep the driver's rear view clear, and prevent items from being thrown around in case of collision.

- Ensure that items placed on the floor behind the front seat do not roll under the seat, so as to avoid affecting the driver's ability to control the pedals or normal seat adjustment. Do not stack items to a height taller than the front seats' seat backs.
- Make sure the glove box is always closed while driving. If the glove box is open, the occupant's knees may be injured in case of a collision or an emergency stop.

! REMINDER

- Do not pile up children's toys in the vehicle, as this may cause safety hazard. Such toys may affect driving safety, and present a hazard to the occupants, especially in case of emergency braking or collision.

Loading the Trunk

- Place luggage evenly in the trunk. Place heavier items at the bottom and as far in as possible.
- Secure items with ropes or straps so that they will not move while driving. Do not stack items against the rear seats' seat backs.
- For trunk strapping or fastening supplies, contact a BYD authorized dealer or service provider.

Roof Rack

- Storing luggage on the roof rack will increase overall energy consumption and change the way the car drives and handles.
- Do not open the sunroof with luggage on the roof rack, or you may risk damaging the sunroof and other components with the beam or the luggage.

- When installing the roof rack, please read and follow the manufacturer's instructions.
- Try to load the roof rack evenly and keep the center of gravity low. Loads on the roof rack may elevate the overall center of gravity, which might alter your driving experience.
- When driving a heavily loaded vehicle, take extra precautions, drive slowly, and increase your following distance.
- The maximum recommended load evenly distributed over the beam is: 50 kg.

! CAUTION

- Luggage must not be put on the roof metal sheet directly. The roof metal sheet is not designed for loading.
- Use the roof rack properly and fasten the luggage on the beam.
- Make sure the luggage is securely fastened on the roof rack before driving and during parking.

Vehicle Wading into Water

- Check water depth - it must not exceed the vehicle's lower edge - before driving into flooded areas.
- If crossing a flooded area is necessary, turn off the air conditioner and keep acceleration steady to slowly cross over.



- Never stop, back up or turn off the vehicle in flooded areas.
- After crossing over, press the brake pedal several times to dry out the disks and recover brake performance.
- Be careful when driving through deep water, as brakes may get wet.

WARNING

- The presence of water, mud, or silt in the braking system may delay brake response and extend braking distance.
- Drive carefully and avoid emergency braking after crossing flooded areas.
- The motor will be seriously damaged if it is submerged when crossing a flooded area. Such damage is not covered by the vehicle's warranty.
- Other systems like transmission, driving and electrical may also be seriously damaged upon submersion. Such damage is not covered by the vehicle's warranty either.

Influence of waterlogging on high-voltage parts:

- If water enters high-voltage systems, it may not fully dry out by any means.
- Vehicle safety and operating performance will be seriously affected if high-voltage parts are waterlogged, because insulation is seriously compromised and the risk of short-circuit is greatly increased.
- Waterlogged high voltage parts pose a very high safety risk, due to reduced protection and voltage withstanding capacities.
- Be sure to find a sheltered place when charging the vehicle in rainy weather. If the vehicle is waterlogged or the wading depth exceeds the door sill, timely contact a BYD authorized dealer or service provider for troubleshooting and processing. Do not drive in flooded areas where water is deeper than half the tire height.

Fire Prevention

To prevent vehicle fires in a timely and effective manner, pay attention to the following during use of the vehicle:

- No flammable or explosive items are allowed in the vehicle.
 - Temperatures may reach 60-70°C in a vehicle exposed to direct sunlight in summer. Therefore, flammable and explosive items, such as lighters, cleaning agents and perfumes, stored in the vehicle can cause a fire or even explosion easily.
- Make sure cigarettes are thoroughly put out.
 - Smoking is not only harmful to your health, but can also may cause a fire. Cigarettes that not thoroughly put out may cause a fire.
- It is recommended to go to a BYD authorized dealer or service provider for regular vehicle checks.
 - Check vehicle wiring, connections, wiring harnesses, insulation, fixed position and etc.regularly. Deal with identified problems promptly.
- Do not refit vehicle wiring or add any unauthorized electrical appliance.
 - The addition of extra electrical appliances, such as high-power audio systems, light fixtures, etc., may overload and overheat the wiring harness and increase the risk of fire.

- Improper refitting of electrical appliances or wiring may cause a fire due to contact resistance and abnormal heating. Fuses or other replacement wires in excess of relevant electrical rating are strictly prohibited.
- Select a proper parking location.
 - When parking the vehicle, try to avoid sun exposure.
- Keep a lightweight fire extinguisher in the vehicle and know how to use it.
 - In order to ensure vehicle safety, a fire extinguisher should be equipped in the vehicle, and be checked and replaced regularly. Also, you should familiarize yourself with use of the fire extinguisher and be prepared for any accidents.
- Disconnect the negative cable of the battery in the engine compartment when the vehicle is being serviced or repaired.
- In the event of a fire in the vehicle, take effective measures in a timely and calm manner to minimize any losses:
 - Fires typically show initial warning signs, such as abnormal noises and odors in the vehicle body. When abnormal conditions are found, turn off and stop the vehicle immediately. It is best to park the vehicle in a windproof place, and then put out the fire using the fire extinguisher in the vehicle.
 - Call the fire alarm in time, and also dial the insurance company's reporting number and ask the company to come to the fire site for handling.
 - Look for the ignition point. If the cabin smokes, do not open the hood immediately. (This will let a large amount of air in and cause fire spreading. There is limited comburent in the cabin. Keeping the hood closed can control the fire so that the fire can be easily put out). Point the on-board fire extinguisher at the ignition point from the hood gap to put the fire out, or seek help from the passing cars. If you can borrow more fire extinguishers, open the hood to put it out when you cannot see any flame from outside.
 - If the fire brigade is involved, ask for a duty performance certificate and a description of fire cause.
 - After occurrence of the accident, contact the insurance company timely for post-event handling.



REMINDER

- In order to mitigate losses in the event of an accident, the purchase of commercial insurance (fire loss, theft, etc.) is recommended.

Snow Chains

- Snow chains are only used in emergency or when vehicles travel in specific areas specified by laws.
- Snow chains should be installed on front wheels. Be careful when driving the vehicle installed with snow chains on snow-covered roads. Some snow chains may damage the tires, wheels, suspension, and vehicle body. Therefore, use thin snow chains so as to provide enough free space between tires and other parts in the hubcap.
- Read the component assembly drawings and other instructions provided by the snow chain manufacturer carefully.

- Before purchasing and installing snow chains, consult a BYD authorized dealer or service provider where your vehicle was purchased.
- After snow chains are installed, be sure to travel at a speed below 30 km/h on snow-covered roads.
- In order to minimize wear of wheels and snow chains, do not travel with snow chains on roads without snow.

REMINDER

- Driving speed should not exceed 30 km/h or the speed limit specified by the snow chain manufacturer.
- Drive carefully, and watch out for bumps, holes and sharp turns, as these will cause the vehicle to jump.
- Vehicles equipped with snow chains should avoid sharp turns or locked wheel braking. Slow down before entering the turn to avoid losing control and causing an accident.
- Snow chains should be used symmetrically on the tires. That is, they should be used either on both front tires or both rear tires, or all four tires at once. Snow chains should be removed immediately when not in use.

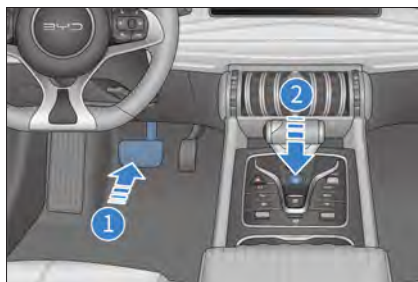
Starting and Driving

Starting the Vehicle

In normal cases, start the vehicle as below:

- Engage the parking brake firmly.
- Shift to "P" or "N".

- Carry the correct smart key with you.
- Press the power button ② while pressing the brake pedal ①.



- The vehicle is ready to drive when the OK indicator lights up on the instrument cluster.

The vehicle cannot power on when:

- After you press the START/STOP button, the smart key warning light turns on, there is a beep, and a "No key detected" message is displayed on the cluster. This means that the key is not in range or cannot be detected.
- The key is somewhere unsuitable for detection, such as on the floor, in the cup holder, trunk, etc.

Starting the vehicle in emergencies:

- Engage the parking brake firmly.
- Turn off all lights and accessories.
- Switch the ignition off.
- The electronic smart key is in the vehicle.
- Press and hold the smart key start button for over 15 seconds.

CAUTION

- Do not touch the power button while driving.

Remote Start

Before starting

1. The power mode is "OFF".
2. The gearshift lever is on "P".
3. The vehicle speed is below 5 km/h.

Remote Start with the Electronic Smart Key

1. Press and hold the remote start/stop button on the electronic smart key for two seconds to start the vehicle. After it is started, turn signals flash three times.
2. If there is no valid operation within 10 minutes after remote start, the vehicle stops and powers off, and turn signals flash twice.
3. Press and hold the remote start/stop button on the electronic smart key for two seconds. The vehicle stops and powers off, and turn signals flash twice.



Driving

Safety Check Before Driving

It is advisable to carry out a safety check before driving long distances, which may ensure your driving safety and enhance your driving experiences. The vehicle can also be taken to a BYD authorized dealer or service provider for inspection.

Exterior

- Tires: Check tire pressure and carefully inspect tires for any cut, damage, foreign material, anomaly, and excessive wear.
- Lug nuts: Check whether nuts are loose or missing.
- Lighting: Make sure headlights, position lights, turn signals and all other lights are working normally. Check headlight intensity.

Interior

- Seat belts: Check whether seat belts can be properly fastened. Verify that seat belts are not worn or scratched.
- Instrument cluster: Particularly, verify that maintenance indicator, instrument cluster lighting, and defroster work properly.
- Brake pedal: Verify that there is enough space for the brake pedal to work.
- Low-voltage battery and cables: Check the storage battery connectors for corrosion or loosening, and for cracks in the battery casing.

In the engine compartment

- Spare fuses: Verify that spare fuses of all rated charges in the fuse box are available.
- Coolant level: Verify that coolant level is correct.

Check after starting

- Check the exhaust system for leakage. In case any anomaly is found, have it repaired.
- Instrument cluster: Verify that maintenance indicator and speedometer work properly.
- Brakes: In a safe area, drive the vehicle straight, hold the steering wheel tightly, decelerate and apply the brake. Verify that the vehicle maintains a straight direction.

- Other abnormalities: Check for loose parts, leaks, and unusual noises.

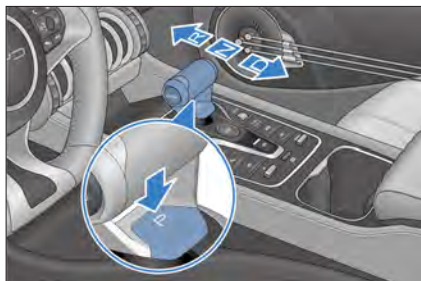
If everything is OK, enjoy driving with confidence.

Preparations Before Driving

- Check the surroundings before getting into the vehicle.
- Adjust seat position, seat back angle, cushion height, headrest height, and the steering wheel angle and height.
- Adjust rear view mirror and side mirrors.
- Close all doors.
- Fasten the seat belts.

Gear Shift Controls

- The gear position of the gear actuator is marked on the gearshift lever as shown on the right.
- "P": Parking. Press this button to park the vehicle. Shift to this position when turning the motor on or off.
 - To start the vehicle, the power status should be on "OK". Press the brake pedal and the "UNLOCK" button to switch from "P" to another position.



CAUTION

- The "P" gear button must only be pressed after the vehicle has come to a complete stop.
- "R": Reverse, used only when the vehicle has come to a complete stop.
- "N": Neutral, used for temporary stop.
 - Under all circumstances, always shift to "P" before the driver gets out.
- "D": Drive. Shift to "D" to drive the vehicle normally.
- Turn the ignition on before shifting into "D".
- Shifting out of "P" or into "D" gear requires pressing the brake pedal and the UNLOCK button at the same time. For details, see the prompt message on the instrument cluster.
- If the shift is successful, the lever returns to its middle position after it is released.

WARNING

- Transmission may be seriously damaged due to lack of lubrication if the vehicle is allowed to move for too long after the motor is turned off and "N" gear is engaged.
- When the motor is running and "R" / "D" gear is engaged, be sure to keep the brake pedal pressed, otherwise the vehicle will move.
- If the gear position is shifted while driving forward, do not step on the accelerator pedal.
- While the vehicle is in motion, do not push the gearshift lever into "R" position or press the "P" button.

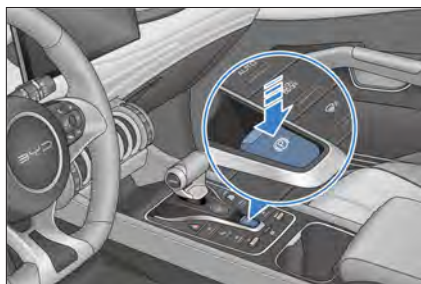
! WARNING

- It is not recommended to drive down slopes in "N" or "P" gear, even if the motor is not running.
- To prevent the vehicle from inadvertently moving, engage the parking brake and press the "P" button after the vehicle has stopped.

Electronic Parking Brake (EPB)

EPB Switch

Be sure to engage the EPB every time before parking and leaving the vehicle.



Engaging EPB Manually

Pull up the EPB switch. EPB applies an appropriate parking force, and (P) on the instrument cluster flashes and then becomes steady on, indicating that EPB has been applied. A "EPB Activated" message is displayed.

! CAUTION

- When (P) flashes, EPB is working. If the vehicle is on a slope, do not release the brake pedal until (P) is steady on. Otherwise the vehicle may move down.

Engaging EPB Automatically

Engaging EPB automatically when the ignition is switched off

- When the ignition is switched off, EPB engages automatically and (P) lights up on the cluster.

Shifting into "P" automatically

- Press the brake pedal to stop the vehicle and engage P gear. EPB is engaged automatically. Do not release the brake pedal until the indicator on the cluster stops flashing and become steady on and the "EPB engaged" message is displayed.

! CAUTION

- After the EPB switch is pressed, the EPB will be not engaged automatically when the motor is shut down. This function may be used for towing or pushing the vehicle after the vehicle breaks down.
- Do not release the brake pedal early in the process, especially when the vehicle is stopped on a slope; otherwise, there will be a risk of vehicle sliding to slight extent.
- This function is designed to improve the vehicle safety. Excessive reliance on or frequent use of the function is not recommended. For safety reasons, make sure that the vehicle is shifted into "P" or the EPB is engaged before getting off.
- Within several seconds after the vehicle is started, the EPB system will conduct self-check upon power-up. In this process, the EPB will not respond to any function.

Manual EPB Release

- When power status is on "OK" or the vehicle is started and the gearshift lever is not on "P" (Parking), press and hold the brake pedal and press the EPB switch until the indicator on the cluster goes off, indicating EPB has been released, and an "EPB Released" message is displayed.

CAUTION

- The "P" gear is the vehicle's parking gear, meaning that the vehicle is in a stable parking status, while EPB is the vehicle's main parking device. To ensure parking safety, release EPB with the EPB switch only when the vehicle is not in "P" gear (parking gear).

Automatic EPB Release upon Vehicle Start

- With the vehicle parked, start the vehicle, press and hold the brake pedal, and shift from "P" or "N" into a driving gear such as "D" or "R". EPB is released automatically, the indicator goes off, and a "EPB released" message is displayed.

CAUTION

- The brake pedal must always be pressed when shifting gears. Release the pedal only after the intended gear is displayed on the cluster.
- When the vehicle has been started and the gear is in a driving gear like "D" or "R", engage EPB manually, then simply press the accelerator pedal slowly to a certain degree. EPB is released automatically and  turns off with the message "EPB released" displayed.

WARNING

- For safety considerations, refrain from using EPB for braking in normal driving. It is preferred to be used when the brake pedal fails or is blocked.
- As the EPB cannot go beyond the physical limit of road adhesion, activating the emergency brake function may result in vehicle drift, sideslip or deflection when the vehicle passes through bends or dangerous/heavy-traffic road sections, or when the vehicle is driven under severe weather conditions. Be careful to avoid any possible accident.

If EPB Release Fails

- If manual EPB release fails, press and hold the EPB switch for over 2 seconds. If EPB can be released, drive the vehicle to the nearest repair shop to check the brake pedal switching signal and relevant parts and lines. If it cannot be released, contact a BYD authorized dealer or service provider immediately.

Emergency Braking When Brake Pedal Fails

- If braking fails or is blocked, pull and hold the EPB switch for emergency braking.

CAUTION

- For safety considerations, refrain from using the EPB for braking in normal driving. If the brake pedal fails or is blocked, use the emergency braking function while you can always keep the vehicle under control and drive normally.

EPB System Indicator

- When the vehicle is powered on, if the EPB is engaged, (P) is solid on the instrument cluster.
- When the vehicle is powered off, if the EPB is engaged, (P) comes on and then turns off in about three seconds.
- When the vehicle is powered on, the EPB system starts self-check. (P) turns on and then turns off in about three seconds. If it does not, the EPB or braking system may be faulty. In this case, contact a BYD authorized dealer or service provider immediately.

EPB Operating Sound

- EPB motor noises can be heard while the EPB is being engaged or released.
- After the emergency braking function is activated, if there is a burning smell or unusual noises are heard, contact a BYD authorized dealer or service provider immediately.

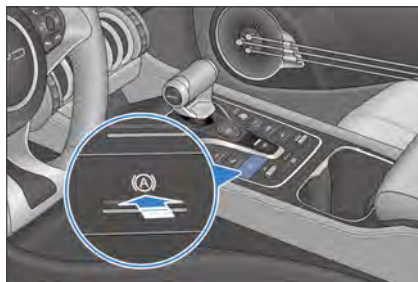
WARNING

- To prevent the vehicle from moving, the gearshift is not to be used to replace EPB when parking. EPB must be used instead, and the vehicle must be in "P" gear.
- The EPB switch must not be operated when the vehicle is moving.
- When the EPB switch is pulled or released, the brake pedal must be pressed to prevent the vehicle from moving, and the subsequent locking of the gearshift that occurs because EPB cannot provide a sufficient parking force.

Automatic Vehicle Hold (AVH)

Auto Vehicle Hold (AVH) takes place when the vehicle is stationary for longer periods of time, such as in traffic jams on a slope, or waiting at traffic lights. The AVH function is enabled when the brake pedal is used to stop the vehicle.

- Press the AVH switch to enable AVH. A white AVH standby indicator is displayed on the instrument cluster and will turn green when AVH can be enabled.
- Press the AVH switch again to disable AVH.



CAUTION

- When the accelerator pedal is pressed, shift to "P" gear or pull up the EPB switch, the AVH mode will be disabled and the vehicle will return to AVH standby state. If the conditions for AVH standby are not met, and the auto park standby condition is also not met, and the AVH state will also be disabled.

Preconditions for AVH Standby (All Must Be Met)

- AVH switch is turned on and the white AVH standby indicator is displayed on the cluster.
- The driver seat belt is fastened and the doors are closed.
- The vehicle drive motor is started or the ignition is on.
- Intelligent Power Braking System and Electronic Parking Brake (EPB) systems are normal.

CAUTION

- At power-on, the automatic parking function is disabled by default. It enters standby mode, and the instrument panel shows the white AVH standby status indicator light.

AVH Running Conditions (All Must Be Met)

- The AVH function is standby.
- In travel gear, the brake pedal is pressed to stop the vehicle.
 - The AVH function is enabled, brake lights and the high mount brake light are on, and the AVH indicator on the cluster turns green.
 - The AVH function enters the standby mode after working for 10 minutes, with the EPB automatically engaged.
- For AVH to be activated, all the conditions must be met at the same time.

CAUTION

- For AVH to be activated, the conditions of the automatic parking function must be met at the same time.
- When the gear is shifted from D to R, the system will enter moving mode, and the AVH function will not be activated. When the AVH button is pressed or after the speed exceeds 10 km/h, the system will exit moving mode.

Low Speed Moving Conditions

- When the gear is shifted into "R" and the vehicle moves slowly, AVH goes into low speed moving mode. When the vehicle reverses (P gear) or travels (D gear) at a low speed, AVH is suppressed to improve vehicle motion.
- To exit moving mode, push the AVH switch or drive at a speed above 10km/h. Then the AVH function can be activated normally.

Key Points for Driving

- Drive slowly and carefully along gravel roads. To prevent tire damage, do not drive over sharp-edged obstacles.
- Slow down on bumpy or uneven roads.
- Avoid driving through flooded areas as much as possible.
- Slow down when driving against strong winds.
- Cleaning the vehicle or driving through deep water may wet brakes. To keep brakes dry, drive carefully and press the brake pedal gently.

- Drive carefully on slippery roads, such as roads covered in ice, snow or sand; or surfaces like wet ceramic tiles or epoxy resin. Avoid parking on slopes to prevent vehicle sliding.

REMINDER

- The battery is located in the vehicle's chassis. Make sure to avoid bumping when driving.
- Before driving, make sure that EPB is fully released and that the EPB indicator light is off.
- Do not leave the vehicle on the ignition status "OK".
- Remember to carry the smart key when leaving the vehicle.
- Slow down when driving down steep slopes, and avoid braking too frequently to prevent disc overheating, which affects brake performance.
- Be careful when accelerating or braking on slippery roads. Quick acceleration or sudden braking will cause the vehicle to skid or deviate.
- Make sure no occupant sticks their head or hands outside the vehicle, specially when it comes to children.
- Large amounts of water entering the engine compartment can cause damage to the power system and electrical components.

WARNING

- Drivers must ensure the safety of all vehicle occupants, and show them how to handle the vehicle's functions properly.

Winter Driving Precautions

1. Make sure the coolant is freeze-proof.
 - Use coolant of the same type as the one used originally. Fill up coolant into the cooling system based on ambient temperature.
 - Improper coolant will damage the cooling system.
2. Check batteries and cables conditions.
 - The 12V battery's capacity is lower in cold weather, so they must be fully charged when winter comes.
3. Avoid door frost.
 - Spray some deicing agent or glycerin in the lock hole to prevent freezing.
4. Use anti-freeze washer fluid.
 - These can be found in the BYD authorized dealer or service provider and the auto parts stores.
 - The water and anti-freeze ratio must conform to manufacturer instructions.



CAUTION

- Do not use anti-freeze or other substitutes as washing solution, as this may damage vehicle paint.

5. Prevent ice and snow from going under the fender.
 - If ice or snow accumulate under the fenders, steering will be difficult. When driving in cold weather, stop from time to time and check for snow and ice under the fenders.
6. Have emergency tools or items available as prevention for difficult road conditions.
 - It is advisable to have snow chains, window scraper, bags of sand and salt, flashing signal, a shovel and connecting cables in the vehicle.

Driver Assistance

Adaptive Cruise Control (ACC)*

- The adaptive cruise control (ACC) system, an extension of the traditional regular cruise control, uses a radar to detect the relative distance and speed of the vehicle ahead, so as to control vehicle speed accordingly. The system switches between regular cruise control and ACC depending on whether there is a vehicle ahead.
- Cruise speed and time interval from the vehicle ahead can be set by using the cruise buttons. Cruise control speed can be set within a 30 to 150 km/h range, or a fixed distance from the vehicle ahead can be set to cruise at speeds between 0 and 150 km/h.

Status Description

- ACC off:
 - ACC system is disabled. To access the function, enable the ACC system first.
- ACC standby:
 - Once enabled, the system is in standby by default and can be manually activated. If the vehicle does not meet activation conditions, it must be checked until such conditions are met. At this time,  is displayed on the cluster.
- ACC activated:
 - The system is operational. It maintains the set speed or automatically adjusts the distance from the vehicle ahead. At this time,  is displayed on the cluster.

- Over speed:
 - If the accelerator pedal is pressed with ACC activated, ACC will enter over speed mode until the accelerator is released.
- ACC failure:
 - There has been a failure in the system. No operation can be performed, and the ACC failure indicator  lights up on the cluster.

ACC System Activation Conditions

- The EPB is released.
- Vehicle is in D gear.
- The vehicle does not slide backwards.
- All doors, hood, and trunk are closed.
- Driver seat belt is fastened.
- The ESP system is started, but not activated yet.
- The vehicle speed is not greater than 150 km/h.
- Brake pedal is pressed at speed 0; or brake pedal is not pressed at speeds above 0.
- There is no vehicle network communication failure prompt on the instrument cluster.
- The AEB function is not activated.

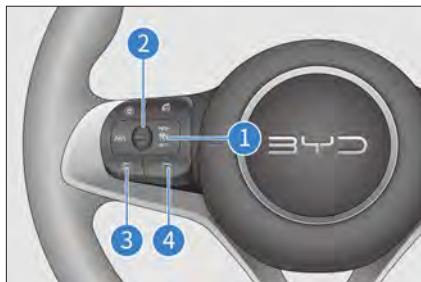
Cruise Button Operation

ACC on/off button

Press button ① to activate or exit ACC. (The system is in standby when activation conditions are met).

ACC reset

When the ACC system is on standby within the same ignition cycle, the system memorizes the last speed setting. Push up the lever ② to restore to the stored speed prior to exiting the cruise system. If no cruise speed is stored, the vehicle travels at current speed.



Increasing/Decreasing target speed

- If the lever ② is toggled, ACC will set the current speed as the target speed when it is activated from standby. If the current speed is below 30 km/h, the target speed will be set to 30 km/h; and if the current speed is above 150 km/h, the target speed will be set to 150 km/h.
- When ACC is active, set the vehicle to a speed within the 30-150 km/h range by moving the lever ②. Toggling the lever ② up or down each time increases or decreases target speed by 5 km/h.

ACC exit

Pressing the brake pedal makes the ACC system go on standby. Press button ① again to exit ACC system.

Setting vehicle distance

- The driver must select a safe vehicle distance.

- The system adjusts vehicle speed to keep a suitable distance from the vehicle ahead on the same lane. Pressing buttons ③ and ④ on the steering wheel adjusts vehicle distance to any of the four available levels. At each level, vehicle distance is in direct proportion to vehicle speed. The faster the speed, the longer the distance.

Increasing/Decreasing speed with ACC active

- When ACC is activated, you can press the accelerator pedal to reach the set target cruise speed in advance. The system then enters over speed mode. At the target cruise speed, if you accelerate without performing any other operations, the vehicle accelerates and then returns to target cruise speed after the accelerator pedal is released. If the lever ② is pulled down while accelerating, the current speed will be reset as the target cruise speed. If the speed goes above 150 km/h, or the accelerator pedal is pressed and held for over 15 minutes, the system goes into standby mode and the ACC needs to be reactivated.
- When you press the brake pedal with ACC activated to slow down the vehicle, ACC goes into standby mode. After the brake is released, ACC will need to be reactivated.

Follow-to-stop/start

- Controlled by ACC, the vehicle can stop when the vehicle ahead stops in normal driving conditions and resume driving automatically following the vehicle ahead if the stop is less than three seconds.
- If the vehicle stops for less than three minutes, press the accelerator pedal or using the ACC cruise button to reactivate ACC.
- If the vehicle stops for more than three minutes, the ACC system will enter standby mode, with EPB engaged.

Precautions

- ACC is a comfort system rather than a safety system, obstacle detector or collision warning system. The driver must keep control of vehicle at all times and be fully responsible for the vehicle.
- The ACC assists the driver, but is not a substitute for the driver. Drivers shall abide by traffic rules and keep vehicle control at all times and be fully responsible for their vehicles.
- Traffic flow and weather conditions, such as rain and fog, must be heeded for setting vehicle distance on the ACC system. After the ACC system is properly set, the driver must be able to decelerate until the vehicle stops at any time.
- The ACC is suitable for use on highways and roads in good conditions, rather than on complex urban or meandering roads.
- Vehicle control is transferred to the driver if the accelerator or brake pedal is pressed with ACC active. As a result, ACC system distance control will not be activated.
- Only in special and very specific conditions, ACC can respond to stationary or slow-moving objects, such as vehicles, the end of traffic, toll booths, bicycles or pedestrians.
- For safety reasons, ACC cannot be activated with ESC disabled.
- The ACC system cannot identify pedestrians or oncoming vehicles.
- The ACC system can only achieve limited braking instead of emergency braking.
- The ACC may have no or slow responses to a vehicle ahead that brakes suddenly (emergency stop), resulting in a risk of late braking. In such cases, there will be no take-over request.
- In some cases, such as when the vehicle ahead is going too slow, when you change lane too fast, or when the safe distance is too short, there is no adequate time for the system to decrease the relative speed. In this case, the driver must respond. The system cannot give audio or visual warnings in every case.
- Reaching or leaving a curve may delay or disturb target selection. In these cases, the ACC vehicle may not brake as expected or may brake late.
- On roads with sharp bends, such as winding roads, the vehicle ahead may be out of ACC sensor detection, so ACC may accelerate.
- A short distance from an adjacent lane (or a vehicle on an adjacent lane that is too close to the ACC vehicle's lane) may trigger ACC to brake.
- Vehicles coming into the ACC vehicle's lane and within its radar detection range are identified as target vehicles and prompt a response accordingly, which may lead to hard or late braking.
- Detection may be affected or delayed in some environments. If the radar reflection cross-sectional area of the target (a bicycle, four-wheeler, or pedestrian, for example) is too small, the system may not be able to establish its distance, resulting in either late or no response to those vehicles. In such cases, vehicle speed must be controlled by the driver. In addition, detection may also be affected or delayed by noise or electromagnetic interference.
- ACC cannot target vehicles with too small contact ratio, so the driver must keep control of the vehicle.

- When the vehicle stops as it follows a vehicle ahead, in rare cases, the system will not recognize the end of the vehicle ahead but the lower end of the target (e.g. the rear axle of a truck with a high chassis or a vehicle bumper). In such cases, the system cannot ensure proper stop distance, so the driver must stay alert and be ready to brake.
- If ACC is activated with the vehicle stationary, the system identifies any stationary obstacle ahead and keeps the vehicle still to ensure a safe startup and prevent collision. However, this function does not cover all obstacles, so the driver must be alert.
- The radar sensor performance may be affected by vibration or collision. In this case, it is recommended to contact a BYD authorized dealer or service provider.
- The radar is installed at the front area of the vehicle. If its detection area is blocked, specially by snow, its function may be affected, and the system will exit. The system notifies the exit through the infotainment touchscreen. System function will recover after blockage is removed and the vehicle is restarted or runs for a while.
- Front radar sensors may have a transient function failure from limited detection if the vehicle runs under special conditions, such as circular ramps or tunnels, for an extended period. The function can be recovered by restarting the vehicle or driving on normal roads for a while.
- Modifying the vehicle structure, such as lowering the chassis or changing the front license mounting plate, may affect the ACC system.
- Metal objects, such as rail or metal plates used in road construction, may interfere with the medium range radar, making it malfunction.
- Do not use the ACC system when visibility is poor, or when driving on slopes, winding roads, or wet roads (covered in ice/snow or flooded).
- In any of the following situations, it is recommended to go to a BYD authorized dealer or service provider for professional calibration and verification of the medium range radar:
 - Removal of front medium range radar or front bumper.
 - After four-wheel alignment.
 - The vehicle experienced a collision.
 - ACC system performance has degraded or the instrument cluster has prompted an system error.

Predictive Emergency Braking (PEB)*

The predictive emergency braking (PEB) system has two features: predictive collision warning (PCW) and autonomous emergency braking (AEB). It uses radar and multi-purpose camera to detect with vehicles ahead or pedestrians. When detecting a risk of collision, the system gives audible and visual alarms to alert the driver and improve the potential braking pressure for better response timing. If detecting increased risk of collision, the system automatically applies braking pressure to assist in collision avoidance or impact reduction.

How to Use

Enable or disable the PCW function in  → **ADAS** → **Active Safety**. By default, the system is switched on when the vehicle is started.

PCW

- Safe distance warning

If the vehicle is too close to the vehicle ahead at speeds above 65 km/h for too long, the system gives a safety distance warning, and  lights up on the cluster.

- Pre-warning

If the vehicle travels at speeds between 30 and 150 km/h and the system recognizes a risk of collision with a vehicle ahead, the system will give a warning visually and audibly, and the indicator  on the cluster will light up and the buzzer will alarm. The driver needs to promptly take appropriate actions to ensure safe driving distance.

- Emergency warning

If the driver fails to respond to the pre-warning, the system will give a warning visually and audibly.  flashes and there is a short braking warning. The driver needs to promptly take appropriate actions to ensure safe driving distance.

AEB

- If the driver fails to respond to the emergency warning and the risk level increases, the system will enable the AEB function. It engages braking force as much as possible to avoid collision or reduce crash impact.
- If the driver applies insufficient braking force in an emergency, the braking system provides additional braking force to reach the optimal level required to avoid collision or reduce crash impact.

System Limitations

- Detection may be affected or delayed in some environments. If the radar reflection cross-sectional area of the target (a bicycle, three-wheelers, four-wheeler, or motorized bicycle, or motorcycle, for example) is too small, the system may not be able to establish its distance, resulting in either late or no response to those vehicles.
- In the following cases, PEB system may be affected or give no response:
 - In rainy, snowy or foggy days, large water splashes, or exposure to direct sunlight or glaring lights, or significantly varying lighting conditions.
 - Dirty, hazy, damaged or blocked sensor.
 - Radar failure due to interference from other radar sources, such as strong radar reflection in multi-storey car park.
- In complex traffic, the system may be unable to properly respond to the following circumstances:
 - Pedestrians or vehicles move too quickly into the sensor's detection range.
 - Pedestrians are obscured by other objects.
 - Pedestrian outlines are indistinguishable from the surroundings.
 - Pedestrians are not detected, due to, for example, coverage by special clothing or other materials.
 - The vehicle travels on a curve with a small turning radius.

Precautions

- The PEB system cannot ensure zero collision. In complex traffic, the system cannot always clearly identify all the vehicles or pedestrians. It may trigger unnecessary warning or braking action for well covers, iron plates or road signs.
- Make sure to drive safely and observe surrounding traffic conditions. The AEB is not a substitute for normal braking operation in any event.
- Do not overly rely on the PEB system as this may result in serious accidents leading to severe injuries or deaths. The system is only an auxiliary safety tool. The driver must always keep a safe distance from vehicles ahead, control the speed, and be ready to brake or steer away when necessary. The driver must keep control of vehicle at all times and be fully responsible for safe driving.
- The AEB system is activated at vehicle speeds above 4 km/h, but it can only reduce vehicle speed by up to 45 km/h. Careful driving is always required, because the system may not be triggered correctly.
- The AEB system cannot work normally when the ESC function is disabled or the fault light is on.
- If PCW gives an alarm, the driver must brake based on traffic conditions to decrease vehicle speed or steer away from obstacles.
- If the vehicle travels too close to the vehicle ahead for too long, a safety distance warning will be given. If the vehicle ahead brakes suddenly, collision may be unavoidable.
- The system will not trigger AEB when the driver is aware of an emergency warning but turns the steering wheel, accelerates or brakes.
- The radar sensor may have a transient function failure from limited detection if the vehicle runs under special conditions, such as circular ramps or tunnels. The function may be recovered by restarting the vehicle or driving on normal roads for a while.
- Sometimes the sensor or multi-purpose camera detect dirt or foreign matter on its surface. In this case, a message is displayed on the instrument cluster and both PCW and AEB are disabled. The functions will recover after the sensor or camera is cleaned.
- The pedestrian protection function is limited by certain physical conditions and it may not be able to take effect within the 4-60 km/h speed range as required. Therefore, the responsibility to use brakes timely and effectively always lies in the driver. Pedestrian protection warnings and preventive braking depend on the actual situation.
- The system cannot completely protect pedestrians or avoid accidents and severe injuries on its own.
- Under certain complex conditions, such as on winding roads, the pedestrian protection function may trigger unnecessary warning or braking.
- In case of system failure due to radar or multi-purpose camera misalignment, the pedestrian protection function may trigger unnecessary warning or braking.
- The brake pedal becomes harder when AEB is triggered. A large amount of hydraulic pressure will be required to push the caliper in a short time and there will be a sizzling noise.
- The PEB system is triggered only when the doors are closed and the seat belt is fastened. In the following circumstances, it will fail to work in the following cases:

- Any door is not closed or it is opened when the vehicle is moving.
- The seat belt is not fastened or it is unfastened when the vehicle is moving.
- The driver brakes hard.
- The driver presses throttle hard.
- The drivers frequently switches between throttle and the brake pedal.
- System performance may be reduced in the following cases:
 - Strong front bumper impact from accidents or other causes.
 - Improperly inflated or worn out tires.
 - Unqualified tires installed.
 - Snow chains installed.
 - Use of a small spare tire or tire repair kit.
- Make sure to go to a BYD authorized dealer or service provider for professional calibration of medium range radar in any of the following situations:
 - Removal of medium range radar or multi-purpose camera.
 - Toe-in and rear camber adjustment during four-wheel alignment.
 - The vehicle experienced a collision.
 - ACC system performance has degraded or become abnormal.
- Do not attempt to test the PEB system on your own using objects such as carton, iron plate, dummy, etc. The system may not work properly and thus result in accidents.

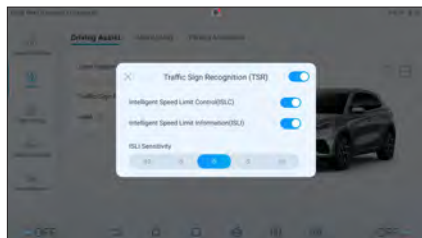
REMINDER

- Hereby, Veoneer US, Inc. declares that the radio equipment type 77V12FLR is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <https://www.veoneer.com/en/regulatory>.
- Operational frequency band: 76 –77 GHz/ Maximum output power: < 55 dBm peak eirp.

Traffic Sign Recognition (TSR)

- The traffic sign recognition system identifies speed limit signs on the road through the multi-purpose camera. When the speed limit icon on the cluster lights up, it means the vehicle speed should be within range.
- This system supports intelligent speed limit information/intelligent speed limit control function.
- Intelligent speed limit warning: a warning is given when speed exceeds the detected speed limit.
- Intelligent speed limit control: it combines the adaptive cruise function with the speed limit sign recognition function. When activation conditions for this function are met, the instrument will display the message "SET-Activate Intelligent Speed Limit Control". Then the driver activates this function by toggle the lever ② downward, and the system automatically requests to control the target adaptive cruise speed within the speed limit in a certain period of time.

- Enable or disable TSR in  → **ADAS** → **Driving Assist**. The system defaults to the previous settings when the vehicle starts.
- When the system identifies a speed limit sign, the speed limit icon identified appears (such as ) on the cluster.



- When the cluster shows the speed is over 5 km/h above the identified speed limit, the icon on the cluster flashes to alert the driver. When the system identifies the end of speed limit icon or after the vehicle travels for a while, the speed limit icon disappears.

Precautions

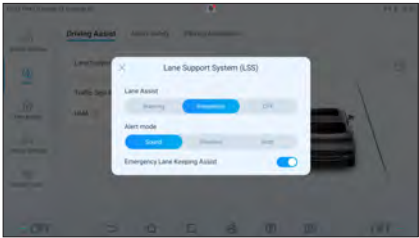
- The speed limit icon disappears from the cluster within a certain distance after system recognition. The driver must control speed within range.
- The traffic sign recognition system can identify speed limit signs only, and will not control speed. The control over the vehicle always vests in the driver. Please drive properly.
- When there are several speed limit signs on side-by-side lanes, the system recognizes the limit sign of current lane to display the speed limit alert icon. The driver must remain in the correct lane.
- Weight limit signs not in standard size as per national regulations may mistakenly be identified as speed limit signs.

- If a speed limit sign is unclear or distorted, inclined, reflective, partly blocked or covered, the camera may be unable to recognize the sign completely or clearly.
- TSR performance depends on weather conditions, lighting, and sign visibility. The system may fail to or incorrectly identify the sign at night or sunset, in rainy, foggy, hazy, snowy or dusty environment, when light is coming from the back of the vehicle, or when there is a sudden change in lighting.
- In case there is a collision or the camera sensor has been reassembled, it is recommended to go to a BYD authorized dealer or service provider for sensor calibration so as to avoid affecting system performance.

Lane Support System (LSS)*

- Lane Support System (LSS) includes lane departure warning (LDW) and lane departure prevention functions (LDP).
- LDW detects the lane lines ahead through a multi-purpose camera. When speed is above 60 km/h, the system will notify lane departure with visual, sound and vibration warnings.
- LDP provides steering assistance to prevent departure.
- When the Emergency Lane Keeping Assist (ELKA) is activated, the system will provide reverse torque or steering angle to control vehicle steering and help the driver keep the vehicle in its current lane when it is about to depart from a lane (solid/dashed line), in order to prevent it from crossing the edge of the road or colliding with oncoming or overtaking vehicles in the adjacent lanes.

- Enable or disable this function in  → **ADAS** → **Driving Assist** → **Lane Support System (LSS)**. The system defaults to the previous settings when the vehicle starts.
- Warnings include: sound warning only, or steering wheel vibration*, or both*.



Instrument Cluster Prompt

After the LKS is enabled, lane boundaries will appear on the instrument cluster.

Lane Boundary

Grey	Function enabled, no lane boundary identified.
Green	Function enabled, lane boundary identified.
Red	Function enabled. Vehicle offsets when driver does not change lanes. The vehicle alarms according to the settings, prompting the driver to correct the direction promptly.

System Limitations

- The LSS may detect incorrect or no lane lines in complex traffic. The following situations may lead to failure or performance degradation of the system:
 - Poor visibility in snowy, rainy and foggy days.
 - Dirty or fogged windshield, or blocked multi-purpose camera
 - Glaring from direct sunlight, water reflection on roads or oncoming vehicles.
 - Sudden changes in light, such as entering/exiting a tunnel.
 - Unidentifiable lane markings with shadows cast by the fence.
 - Unidentifiable road boundary with grass, soil, or curb

Precautions

- LSS will be suppressed if turn signals are used or the vehicle changes lanes.
- LSS may be suppressed if lane lines are unclear, too thin, worn, blurred or covered in dirt/snow.
- LSS may be suppressed if the lane is too wide or too narrow; number of lanes increase or decrease; marked lines change suddenly on ramps or exits; or in complex line arrangements.
- LSS may be suppressed on slopes or winding roads when the vehicle travels too close to the vehicle ahead or the vehicle ahead blocks lane lines.
- LSS may be suppressed when the vehicle jolts, accelerates or decelerates too quickly, or takes a sharp turn.

- The system operation may be affected if the windshield within the visual field of the multi-purpose camera is cracked, if the windshield glass is dyed or inadequately coated, if any reflective object is placed on the dashboard, or if any other object interferes with camera sight.
- For safety reasons, please do not test the lane departure warning function. The function will be interrupted if the multi-purpose camera is blocked by any object or exposed to strong lights. The function returns once conditions return to normal. If it does not, it is recommended to contact a BYD authorized dealer or service provider.
- Disabling LSS is recommended in the following circumstances:
 - Driving the vehicle in a sporty style.
 - Severe weather conditions.
 - Driving on uneven roads.

Intelligent Cruise Control (ICC)*

- The intelligent cruise control (ICC) system combines ACC with lane keeping system (LKS). With the speed range of 0 - 120 km/h, it helps to control the vehicle both longitudinally and transversely to reduce the driving burden and provide a safe and comfortable driving environment.
 - When the function is enabled, the driver must always hold the steering wheel and control the vehicle when necessary.
 - Users may enable or disable the ICC function by using its switch. The system defaults to the previous settings when the vehicle starts.
- 
- When the ICC function is enabled, the standby state indicator lights up on the instrument cluster: 
 - When the ICC function is activated, the activated state indicator lights up on the instrument cluster: 
 - With the ICC function enabled and the ACC function activated, when vehicle speed is between 0 and 60 km/h:
 1. If the lane lines on both sides of the vehicle are present and recognized:
 - The vehicle keeps at the center of the lane, regardless of vehicles ahead.
 2. If the vehicle enters a road section where lane lines become unclear or absent:
 - If there is a target vehicle ahead, the vehicle follows it and moves slightly from side to side.
 - If there is no target vehicle ahead, the ICC function will be suppressed and only ACC will work.
 - With the ICC function enabled and the ACC function activated, when vehicle speed is between 60 and 120 km/h:
 1. If the lane lines on both sides of the vehicle are present and recognized:
 - The vehicle keeps at the center of the lane, regardless of vehicles ahead.
 2. If the vehicle enters a road section where lane lines become unclear or absent:
 - ICC function is suppressed regardless of target vehicles ahead and only ACC works.

CAUTION

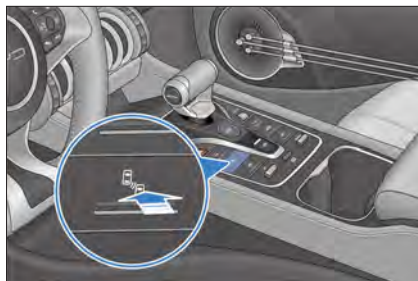
- When the system is on, if the driver's hands leave the steering wheel for about 15 seconds, the system will prompt the driver to take over the steering wheel. If the driver does not take over, it will exit intelligent cruise control mode.
- The ICC system is a driving assistance system, not an automatic driving system. The driver should keep control of vehicle at all times, and their hands should not leave the steering wheel for a long time. Otherwise, the system will exit after prompting the driver to take over the control.
- The ICC system can be affected by weather conditions, lighting and clarity of lane lines. Performance degrades significantly in situations such as backlighting, sunset, snow covered roads, and severely damaged roads.
- The ICC system integrates the functions of ACC system and LKS. Therefore, it is necessary to follow relevant precautions for ACC and LKS when you are using ICC.

Blind Spot Assist (BSA)*

The blind spot assist (BSA) system includes the following functions: blind spot detection (BSD), door open warning (DOW)*, rear collision warning (RCW), rear cross traffic alert (RCTA), and rear cross traffic assist with braking (RCTB). It recognizes current traffic conditions through radar sensors so as to remind the driver of safe and careful driving.

How to Use

Enable or disable the BSA function in  → **ADAS** → **Active Safety**. The system defaults to the previous settings when the vehicle starts.



BSD

When speed is above 15 km/h and the sensor detects a vehicle within the blind spot of a side mirror or approaching quickly on the adjacent lane, its indicator lights up. If the turn signal for the same side is turned on at this moment, the alarm indicator on the side mirror flashes to alert the driver of a risky lane change.



DOW*

- The DOW system detects conditions that may endanger vehicle safety from the rear when the vehicle stops and a door is about to open, and gives a light warning.
- The rear radar recognizes targets within close range from the rear and on both sides, detects conditions that may endanger vehicle safety from the rear, and alerts you with a warning light.

- Detection targets include non-power-driven vehicles such as bicycles, electric scooters, three-wheelers, motorcycles, powered vehicles such as trucks, sedans and buses, as well as pedestrians and other moving objects that may endanger traffic safety.

RCW

At vehicle speeds above 5 km/h, if radar sensors detect a risk of collision with a vehicle approaching too quickly from behind, the vehicle hazard warning light and the rearview mirror warning indicators* flash to remind the driver of careful driving. An alarm will sound to warn the driver of the approaching vehicle of collision risk.

RCTA

- RCTA helps the driver check the transverse cross areas on both sides at the back of the vehicle. When the vehicle moves backward, it tells the driver whether there is a vehicle approaching from behind.
- When the vehicle is reversing, the RCTA system detects the vehicles traveling in the blind spot at the back through radar. If the RCTA system believes other vehicles approaching in the back may crash into the vehicle, it turns on the spot indicator on the side mirrors so that the driver can reduce collision risk.

RCTB

- RCTB is used if the vehicle meets another vehicle crossing the road when leaving a vertical/slanted parking space. It gives a warning and helps the driver brake to prevent collision, especially when the visual field of the driver is blocked by the vehicle parking beside.
- When the vehicle backs up, the RCTB system receives input from the rear left/right radar sensors and evaluates collision risk and time with the corresponding target.

CAUTION

- While the BSA system provides assistance in monitoring blind spots of rearview mirrors, it cannot replace the driver's observation and judgment. The driver must keep control of vehicle at all times and drive properly and is fully responsible for the vehicle.
- The BSA system may be unable to provide adequate warning on target vehicles approaching from behind at a high speed.
- The driver should ensure the normal operation of the BSA system, keeping the BSA radar sensors in good condition. For example, if they are covered in dirt, snow or other obstructions, they need to be cleared right away.
- Detection may be affected or delayed in some environments. If the radar cross-sectional area of the target vehicle is too small (a bicycle, electric moped or pedestrian, for example), the system may fail to identify targets, leading to false alarms. In addition, detection may also be affected or delayed by noise or electromagnetic interference.
- If unrelated targets at the rear side or in the rear (such as large roadside barriers used during road repair, large billboards by the road, reflectors in tunnels, or other objects with a large reflection cross-sectional area) are wrongly selected as target vehicles, the BSA system will give an alert.

CAUTION

- Under some circumstances, it will be difficult for the system to assist the driver, and detection may be affected or delayed. Possible circumstances include, but are not limited to:
 - The vehicle coming from behind changes the lane suddenly.
 - Vehicles coming from behind are detected too late at sharp turns, slopes, or other settings.
 - Vehicles come from behind at a relative speed above 80 km/h.
 - The target vehicle is obscured.
 - Too small radar reflection cross-sectional area of the target vehicle (for example, a bicycle or electric moped).
 - The vehicle is on a curve which is too sharp, or is entering or exiting a curve.
 - Severe weather, such as rain or snow.
- Influence of vibration or collision on BSA radar sensor calibration can degrade system performance. If this is detected, contact a BYD authorized dealer or service provider.

REMINDER

- Hereby, Veoneer US, Inc. declares that the radio equipment type 77V13CRN is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <https://www.veoneer.com/en/regulatory>.
- Operational frequency band: 76 – 77 GHz/ Maximum output power: < 55 dBm peak eirp.

Tire Pressure Monitoring

System Descriptions

- The tire pressure monitoring system (TPMS) consists of a tire pressure monitoring module, a tire pressure monitoring control module, and a display. It monitors tire pressure in real time and issues visual and sound alarms improving safety and comfort and reducing tire wear and power consumption due to insufficient tire pressure.
- Driving and prompt messages are displayed on the cluster. When there is no prompt message, driving messages are displayed. You can select the tire pressure display interface by pressing the  button on the steering wheel.
- For standard pressure values, see the vehicle data in section Specifications.

Basic Functions

- Power-on alarm
 - If tire pressure is low when the vehicle is powered off, a low pressure alarm prompts the driver to inflate when the vehicle is powered back on.
- Low tire pressure alarm
 - When the system is running, once any of the four tires has a pressure below 80% of the standard tire pressure, the TPMS gives a low tire pressure alarm within one minute and indicates the tire position.
 - In that case, inflate the tire to the standard pressure. The alarm stops when the tire pressure is above 95% of the standard tire pressure.

- Fast air leakage alarm
 - When the system is running, once one or more tires leak air at a rate above a specific value, TPMS gives a fast air leakage alarm within 15 seconds and indicates the tire position.
 - In this case, promptly check the tires and ensure they are in good conditions before driving.
- Fault alarm
 - When the system is running, an alarm is given if it is running.
- Real-time tire pressure display
 - When the TPMS is running, the pressure value of each tire is displayed.
 - Vehicle speed range in which the TPMS operates normally: 30 km/h - 160 km/h.

Alarm Display Descriptions

Tire pressure fault warning light: 

Alarm	Display Mode	Solution
Low tire pressure	1. The tire pressure fault warning light turns on. 2. The tire pressure value turns yellow.	Check for slow air leakage and inflate the tire to the correct pressure value.
Abnormal signal	1. The tire pressure fault warning light flashes and then is steady on. 2. The tire pressure value displayed is: Abnormal signal	Check the tire pressure monitoring module, and for any surrounding electromagnetic source nearby.
System failure	1. The tire pressure fault warning light flashes and then is steady on. 2. Message prompt: Check tire pressure monitoring system 3. The tire pressure value displayed is: Abnormal signal	Check the tire pressure monitoring module and tire pressure control module, or change them if necessary.

Precautions

- The running time of the tire pressure monitoring module is related to the daily travel distance and other factors.
- The monitoring module regularly transmits tire pressure and other information to the display. Therefore, if the tire pressure drops suddenly or there is a flat tire, the monitoring module will not transmit data to the display until the next monitoring. In this case, the vehicle may be out of control. If there is a flat tire and monitoring fails to inform, or if you feel that there are some tire problems, stop driving immediately instead of waiting for the display to signal an alarm.
- Incorrectly installed monitoring module affects the air tightness of the tire. It is recommended that the installation and replacement of the pressure monitoring module be carried out by professional technicians of a BYD authorized dealer or service provider in accordance with the requirements of the installation manual.

- To change tire position or replace tire pressure monitoring module, first rematch the entire tire monitoring system. It is recommended to have this done by the professional technicians from a BYD authorized dealer or service provider; otherwise, system failure may occur.
- Since tire pressure varies with regional temperatures, inflate or deflate the tires according to the values displayed on the instrument cluster and the standard tire pressure values.
- TPMS applies wireless transmission, which may lead to poor reception under serious interference.

WARNING

- If the tire pressure is not normal, the system will not prevent the vehicle from traveling. Therefore, each time before driving, the vehicle should be started statically to check whether the tire pressure meets the requirements specified by the manufacturer. If not, do not drive the vehicle. Otherwise, the vehicle will be damaged or personal injury will occur.
- If pressure is found to be abnormal while driving, check the tire pressure immediately. If the low pressure warning light comes on, avoid sharp turns or emergency braking, and reduce vehicle speed, pull it over to the curb and stop as soon as possible. Driving with low tire pressure can cause permanent damage to tires and increase the likelihood of tire scrapping. Serious tire damage can lead to traffic accidents, resulting in serious injuries or deaths.

Panoramic View System*

To enable the panoramic view system, tap Vehicle View on the Infotainment homepage, press the button on the steering wheel or engage R gear.



- Landscape mode:
 - On the bottom of the infotainment touchscreen, tap the front, rear, right, and left areas of the vehicle icon, and a single view of the vehicle's front, rear, right, and left images is displayed in the image section.



- In the single front and rear views, double-tap the image section to switch to a 180° perspective displayed in full screen.
- Tap the radar icon  in the panoramic view to enable the radar display, and tap it again to disable. When the radar display is enabled, an obstacle warning is displayed as it is approached.

- Portrait mode:
 - Tap any two icons for front, rear, right and left views at the bottom of the infotainment touchscreen. Single views of the selected locations are displayed in the image section.
- Slowly tap the body image to switch between visible and invisible body.
- After the vehicle starts, the image before last power-off is displayed on the invisible panoramic view interface. Foreign bodies in the underbody and surrounding blind areas may be inconsistent with the actual ones. The underbody image will be updated in real time only after the vehicle has moved, which must be driven beyond its length for a complete update.



! WARNING

- This system uses wide-angle fisheye cameras, so the object on the display screen may appear somewhat deformed in comparison with the actual object.
- The panoramic view system is only to be used for parking/driving assistance. It is not safe to park or drive the car relying only on this system, because there are some blind spots in front of and behind the car. The surroundings of the car should be observed in other ways during the parking/driving process, so as to avoid accidents.

! WARNING

- When the side mirrors are not extended in place, do not use the panoramic view system; and when the panoramic view system is used for parking/driving, ensure that all the car doors are closed.
- The distance to an object displayed on the panoramic view screen may be different from the distance perceived subjectively, especially when the object is closer to the vehicle. Assess the distance in various ways.
- Cameras are installed above the front bumper, the lower parts of the side mirrors, and the rear license plate. Make sure the cameras are unobstructed.
- To prevent affecting camera performance, avoid spraying directly on the cameras when washing the vehicle body with high-pressure water. If there is water or dust on the cameras, it should be promptly wiped clean.
- Protect the cameras from any impact to prevent damage or malfunction.
- After the vehicle is powered on, if you press the panoramic view start button or shift into reverse while the infotainment system is not fully activated, the output on the panoramic view screen will be delayed or the screen will flash. This is a normal part of the camera power-on process.
- When the vehicle runs at a low speed, the transparent panoramic view function is affected by speed fluctuation or multiple stops, so there will be misalignment between the images below the vehicle and that outside the vehicle.

Parking Assist System

- During vehicle parking, the parking assist system detects obstacles by sensors, and prompts the driver with the proximity of obstacles by an image on the infotainment touchscreen* and a speaker alarm.
- The parking assist system helps with reversing. Pay attention to the environment behind and around the vehicle during reversing.
- When you reverse the vehicle, a reversing image* will be displayed on the infotainment touchscreen automatically.
- For your driving safety, when the reversing image is displayed, all buttons will be disabled except some volume and phone related buttons.
- After reversing ends, the interface will be restored.

Reversing view screen

- The two lines on both sides in the image are safety lines for reversing.
 - Red: about 0 m to 0.5 m away.
 - Yellow: about 0.5 m to 1 m away.
 - Green: about 1 m to 3 m away.
- The area shown varies with the vehicle's direction and road conditions.

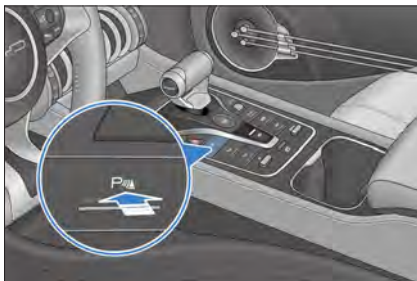


! WARNING

- When the vehicle speed is over 10 km/h, the parking assist system will cease to operate.
- Do not place any articles within the sensors' working range.
- Do not wash the positions of sensors with water or steam when washing the vehicle. Otherwise, a sensor failure will be caused.

Reversing Radar Switch

- You can enable or disable the parking sensors with the reversing radar switch* or in **⚙️ → ADAS → Parking Assistance → Parking Sensors**.
- When the ignition is on and EPB is released, the parking assist system is enabled automatically.



- When enabled, the system raises an alarm if obstacles are found surrounding the vehicle; when disabled, it does not.

Sensor Type

- When the sensor detects an obstacle, the corresponding image is displayed on the infotainment touchscreen*, depending on the location of the obstacle and its distance from the vehicle.

- When the driver conducts parallel parking or reverse parking, the sensor measures the distance between the vehicle and the obstacle and communicates this information through the infotainment touchscreen and the speaker. Be aware of the surroundings when using this system.

- ① Front left sensor*
- ② Front right sensor*
- ③ Rear right sensor*
- ④ ⑤ Rear middle sensor*
- ⑥ Rear left sensor*



Distance Display and Speaker

When the sensor detects an obstacle, the location of the obstacle and its general distance from the vehicle will be displayed on the Infotainment screen, and the speaker will beep.

Working example of central sensor

General distance (mm)	Infotainment display	Alarm sound
About 700 to 1200		Slow
About 300 to 700		Fast
About 0 to 300		Continuous

Working example of corner sensor

General distance (mm)	Infotainment display	Alarm sound
About 300 to 600		Fast
About 0 to 300		Continuous

Working Sensors and Their Detection Range

All sensors are activated upon reversing.

The figure shows the sensors' detection range. Sensors have a range limitation, so drivers must check the surroundings before slowly reversing the vehicle

① About 1200 mm

② About 600 mm



! REMINDER

- Park Assist is designed to assist the driver in parking. It is not a substitute for personal judgment and observation for maneuvering the vehicle.
- Sensors will not work properly if accessories or other objects are placed within their detection range.
- In some cases, the sensor does not work properly and cannot detect objects approached by the vehicle. Therefore, drivers must always observe the vehicle's surrounding area instead of relying solely on the sensor.

Sensor Detection Information

- Certain vehicle conditions and surroundings may affect the sensors' ability to accurately detect obstacles. Detection accuracy may be affected if:

- There is dirt, water or fog on the sensor.
- There is snow or frost on the sensor.
- The sensor is masked in any way.
- The vehicle leans significantly to one side or is overloaded.
- The vehicle is moving on particularly bumpy roads, slopes, gravel or grass.
- The sensor has been repainted.
- The vicinity is noisy due to honking of vehicles, motorcycle engines, air brakes of large vehicles, or other noises that produce ultrasonic waves.
- There's another vehicle with parking assist system nearby.
- The vehicle is fitted with a towing lug.
- The bumper or the sensor was hit hard.
- The vehicle is approaching a high or zigzag curb.
- The vehicle is driving in the sun or in the cold.
- The vehicle is fitted with non-original, lower suspension.
- Except as described above, sensors may not be able to correctly determine the actual distance due to the shape of the object.
- The shape and material of obstacles may prevent sensors from detecting them, especially the following:
 - Electric wires, fences, and ropes;
 - Cotton, snow, and other materials that absorb radio waves;
 - Any object with sharp edges and corners;
 - Low obstacles;
 - High obstacles facing outwards towards the vehicle;

- Any object under the bumper;
- Any object too near the vehicle;
- Persons near the vehicle (depending on the type of clothing).
- If an image is displayed on the infotainment screen* or there is a beep, it may be that the sensor detects an obstacle or is interfered. If the issue persists, go to a BYD authorized dealer or service provider for inspection.

CAUTION

- Do not rinse or apply steam to the sensor area when washing the vehicle to prevent sensor malfunction.

Driving Safety Systems

To improve safety, the following driving safety systems will work automatically based on driving conditions. However, these systems only provide assistance, and excessive driver reliance on them is not recommended.

Intelligent Power Braking System

- The intelligent power braking system is an advanced decoupled electrohydraulic brake system integrating vacuum booster, electronic vacuum pump, antilock braking system (ABS), electronic stability controller (ESC) system and other features.
- The system assists vehicle braking according to the driver's demands and improves vehicle stability, comfort, and the recovery efficiency of brake energy.

Vehicle Dynamics Control(VDC)

When the vehicle turns suddenly while driving, if the vehicle swerves from the driver's normal lane, the VDC will correct the situation by engaging brakes to the corresponding wheels to help the driver control skidding and maintain directional stability.

Traction Control System(TCS)

TCS prevents the drive wheels from skidding during acceleration and engages brake control to prevent idling of drive wheels when necessary. It makes the vehicle easy to start, accelerate, and climb under adverse driving conditions.

WARNING

- TCS may not work effectively in the following situations:
 - When driving on slippery roads, even if TCS is working properly, it may not be able to control the direction and meet power requirements.
 - Do not drive in conditions where the vehicle may lose its stability and power.

Hill Hold Control(HHC)

After the brake pedal is released, HHC maintains brake pressure for one second to prevent backward sliding.

Hydraulic Brake Assit(HBA)

When the brake pedal is pressed quickly, HBA recognizes that the vehicle is in emergency mode and actively improves the brake pressure. This allows ABS to intervene more quickly, effectively shortening the brake distance.

Controller Deceleration Parking(CDP)*

When you engage the EPB, the CDP function starts working so that the vehicle brakes at a constant deceleration (0.4 g if EPB is engaged but the brake pedal is not pressed, and 0.8 g if EPB is engaged and the brake pedal is pressed) until the vehicle stops. The function stops working when the EPB is released.

Hill Descent Control(HDC)

Working principle: HDC is a value-added function of the ESC system to improve vehicle comfort, with the main purpose of assisting in uphill and downhill slow driving through active braking.

- To enable or disable HDC:
 - Enable or disable HDC in  → **ADAS → Active Safety → Hill Descent Control**.
 - When the speed is below 38 km/h, you can also enable HDC by pressing the HDC switch. When the function is enabled, its status indicator on the instrument cluster is steady on.



- Press the HDC switch again to disable the function, and the indicator turns off. HDC also automatically stops when the speed exceeds about 65 km/h.
- When HDC is working, ABS is activated when the wheel slip exceeds the ABS triggering threshold, allowing you to safely and smoothly go downhill, or even reverse.

- HDC speed control:
 - HDC works at speeds between 11 and 38 km/h, within which you can adjust the speed by pressing/releasing the accelerator or brake pedal. The vehicle speed is set when the accelerator or brake pedal is released. The HDC status indicator flashes to indicate that the HDC is working.
- HDC malfunction:
 - In some special conditions, such as at a long stretches downhill, the HDC function may be temporarily unavailable due to high brake temperature.
 - A "Please check the HDC system" message is displayed for safety. To restore the function, stop the vehicle until the brake temperature cools down.

ESC operation instructions

Intelligent power braking system has the following new functions compared with the original ESC system:

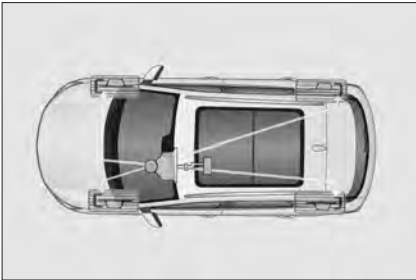
- Brake assist mode:
 - It is used to adjust the brake pedal feel. The relation curve between the brake pedal depth and the vehicle deceleration varies across different modes for you to choose a preferred pedal feel.
- To adjust the brake pedal feel in  → **Vehicle Settings → Smart Chassis → Brake assist mode**.
- Comfort parking
 - Comfort parking function: When the vehicle decelerates to stop in a non-emergency situation, intelligent power braking system reduces the stop-instant suspension pitch and impact by controlling the brake pressure of the four brakes, and provides a smooth stop feeling.

- To enable or disable this function in  → **Vehicle Settings** → **Smart Chassis** → **Comfort parking**.
- After the comfort parking function is triggered, the braking distance may increase by 2-5 cm, so increase the distance from the vehicle or obstacle ahead accordingly before stopping your vehicle.
- Brake disc wiping
 - Brake disc wiping function: When the wiper switch is on, the intelligent power braking system applies a small brake pressure to all four brakes so that pads come into contact with discs to remove the water film from the discs. This shortens brake response time and braking distance.
 - As long as the system detects rain or the wiper ON signal, the brake discs are repeatedly wiped at certain intervals to improve safety.
- ESC working
 - If there is a risk of skidding or backsliding when the vehicle starts on a slope, or if either drive wheel is spinning, the ESC indicator flashes to indicate that ESC system is working.
- Disabling ESC
 - If the vehicle gets stuck in snow or mud, ESC may reduce power output from the motor to the wheels, where the system should be turned off to get out of the jam.
- Turning off ESC
 - To turn off the ESC system, press the physical button or go to the infotainment system. ESC also checks its operating status in real time. If the ESC OFF switch is pressed while ESC is working, it completes the active intervention control this time rather than executes the "OFF" command immediately. ESC is disabled only after the intervention control is complete.
 - The ESC system may be re-enabled if you press the ESC OFF switch again or the vehicle speed exceeds the threshold (80 km/h). ESC may be re-enabled only if the ESC is not in a vehicle dynamic intervention state.
- ESC OFF switch mis-operation*
 - ESC is considered to be mis-operated if the ESC OFF switch is pressed and held for more than 10 seconds. In that case, all internal ESC functions continue to work.
- Restarting ESC after the motor is powered off
 - When the ESC system has been turned off, restarting the motor will automatically restart ESC system.
- ESC system start and speed linkage
 - If the ESC system is turned off, when the vehicle becomes extremely unstable as the speed increases and exceeds the threshold (80 km/h), the ESC system starts on its own.
- ESC activated
 - If the ESC fault indicator  flashes, drive with caution.
- Turning off ESC
 - Be careful when ESC is disabled, and drive at speeds suitable for road conditions. The ESC system ensures vehicle stability and its driving force. Never turn it off unless necessary.
- Tire replacement
 - Make sure all tires are of the same size, brand, tread, and total load. In addition, be sure to inflate tires to the recommended pressure.
 - Neither ABS nor ESC will work properly if the vehicle is fitted with different tires.

- For details on tire or wheel replacement, it is recommended to contact a BYD authorized dealer or service provider.
- Tire and suspension handling
 - The use of any defective tire or modified suspension affects the driving safety system and may cause the system to fail.

Anti-lock Braking System (ABS)

- The ABS hydraulic system has two separate circuits. Each circuit runs diagonally through the vehicle (the left front wheel brake is connected to the right rear wheel brake). If one circuit fails, two wheels can still be braked.
- ABS helps maintain steering control by preventing the wheels from locking or skidding when brake is engaged suddenly or on slippery roads.



- When the front tires skid, there is no steering control, which means that the vehicle still moves forward even though the steering wheel is turned. ABS helps prevent locking and maintain steering control since pulsating prompt brake is much faster than human reaction.
- Never pulsate the brake pedal; otherwise, ABS may malfunction. While steering away from danger, a firm and steady pressure should always be maintained on the brake pedal for the ABS to work. This is what is sometimes referred to as "a firm step and a precise turn".

- When the ABS is working, the brake pedal will vibrate, which may produce noise. This is normal because the ABS is pulsating the brake quickly. How quickly ABS works depends on tire driving force (adhesion).

Important Safety Tips

- ABS does not reduce the time and distance required to stop the vehicle. It only helps control steering when braking. Please always keep a safe distance from other vehicles.
- ABS cannot prevent skidding caused by sudden direction change, such as trying to make a sharp turn or change lanes suddenly. Always drive carefully at a safe speed, regardless of road and weather conditions.
- ABS does not prevent decrease in stability either. When applying the brake in an emergency, the steering should be moderate. A large or sharp turn during the driving can cause the vehicle to swerve into oncoming traffic or run off the road.
- When running on soft or uneven surfaces (such as gravel or snow), a vehicle with ABS may require a longer braking distance than a vehicle without ABS. In such cases, reduce the vehicle speed and keep a greater distance from other vehicles.

WARNING

- ABS cannot work effectively under the following conditions:
 - Insufficient tire grip;
 - The vehicle skids when driving at high speed on slippery roads.

CAUTION

- If the ABS warning light is still on while the brake system warning light turns on stop the vehicle in a safe place immediately and contact a BYD authorized dealer or service provider.
- ABS cannot prevent skidding caused by sudden changes of direction, such as turning a corner or changing lanes suddenly. Drive carefully and at a safe speed at all times, regardless of road and weather conditions.
- ABS also does not prevent loss of stability. In emergency braking, steer moderately. A large or sharp turn while in motion can cause the vehicle to swerve into oncoming traffic or run off the road.

Acoustic Vehicle Alerting System (AVAS)

The acoustic vehicle alerting system (AVAS) refers to the broadcast to pedestrians near the vehicle when it is traveling at low speed.

- When driving forward:
 - The broadcast volume increases with vehicle speed in the range of 0 km/h $<V \leq 20$ km/h.
 - The broadcast volume decreases with vehicle speed in the range of 20 km/h $<V \leq 30$ km/h.
 - At speeds above 30 km/h, the broadcast sound stops automatically.
- The vehicle makes a continuous and balanced prompt sound when moving in reverse.
- AVAS has two sound sources: standard and brand. To choose a sound source, go to  → **Vehicle Settings** → **Notification**.

WARNING

- If the AVAS warning sound cannot be heard when driving at a low speed, stop the vehicle in a relatively safe and quiet place, open the window, then drive at a constant speed of 20 km/h in D gear and listen (maximum volume at this time) to verify the sound effect. If it is confirmed that there is no sound, contact a BYD authorized dealer or service provider to deal with it.

0-100 km/h: Full Throttle Experience

Full throttle can be achieved when:

- The high-voltage battery SOC is 95% or above.
- The vehicle is in SPORT mode.
- The acceleration timer page is displayed in the menu.

WARNING

- Please be mindful of all relevant safety measures when experiencing this function.
- Before experiencing this function, check if the tire, brake and other vehicle functions are in optimal conditions.
- Do not use this function when visibility is low (e.g. dust, haze and night).
- Do not use this function on slippery, snowy, muddy, or water-logged roads, nor on grass, sand, etc.

WARNING

- Do not use this function on roads with complex traffic environments (e.g. at junctions, with pedestrians or other traffic participants).
- Do not use this function before you are fully familiar with the vehicle, so as to avoid accidents caused by incorrect operation.

Other Main Functions

Interior Rearview Mirror

Automatic Anti-glare Interior Rearview Mirror*

The automatic anti-glare interior rearview mirror is equipped with electronic anti-glare function, which automatically adjusts the lens color of the mirror according to the surroundings to reduce the interference of rear glare on the driver's field of vision.



WARNING

- Do not hang heavy objects from the rear view mirror, or forcefully shake or drag it.
- When manually adjusting the rear view mirror, do not adjust forcibly if it gets stuck.
- Do not adjust the rear view mirror while the vehicle is in motion, as it may distract the driver's attention.

Manual Anti-glare Interior Rearview Mirror*

- Normal mode: Rotate the control stick left to get the clearest mirror image.
- Anti-glare mode: Rotate the control stick right to effectively reduce interference from rear vehicle headlights. Note that anti-glare may lower the clarity of rear visual field.

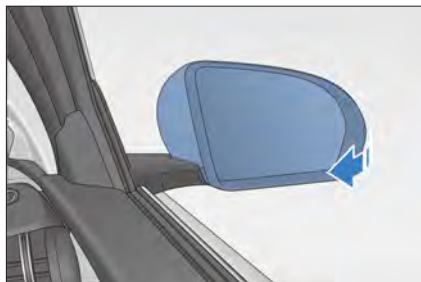


Power Side Mirrors

Side Mirror Switches

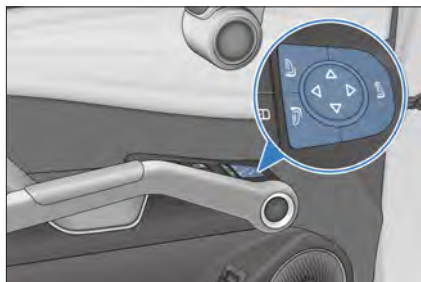
Folding side mirrors manually

Push the outer edge of a side mirror to rotate it around the folding axis to the locked position.



Folding side mirrors with power

-  Press the fold button to fold both left and right side mirrors, which will return to their pre-folding position if this button is pressed again.
-  The left side mirror can be selected by pressing the corresponding auto regulation switch.



- Side mirror auto-fold can be controlled by tapping on  → **Vehicle Settings** → **External mirrors** → **Auto-Fold**.
-  The right side mirror can be selected by pressing the corresponding auto regulation switch.
-  There are four directions (i.e. up, down, left and right) for regulating lens directions to adjust the side mirrors.

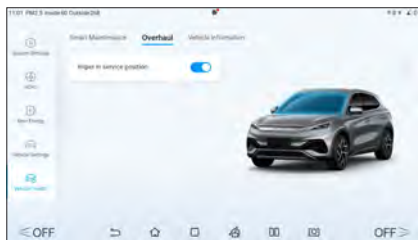
! REMINDER

- If the side mirrors get frozen, do not operate the controller or scrape their surface. Deicing spray should be used.
- Do not adjust the side mirrors while the vehicle is in motion.

Wipers

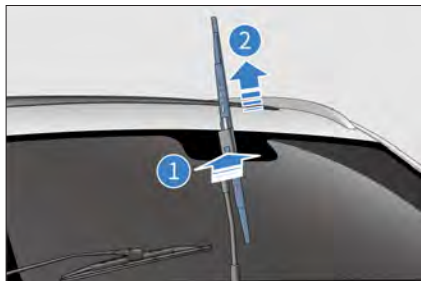
Replacing Wiper Blades

When the vehicle is powered on, tap  → **Vehicle Health** → **Overhaul** → **Wiper in service position** to enable or disable the front wiper check function. When the corresponding wiper check function is enabled, the wipers rotate out automatically for easy maintenance and replacement.



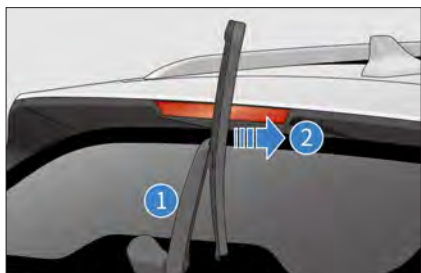
Replacing Front Wipers

- Pull up the wiper arm at the driver side, and then pull up the other at the passenger side.
- Press the wiper lock button ①.
- Hold the wiper blade and pull it out along the indicated direction ②.
- When installing a new wiper blade, follow the reverse procedure.



Replacing Rear Wipers

1. Pull up the wiper arm.
2. Hold the wiper in position ①, and pull the blade out vertically along the indicated direction ②.
3. When installing a new wiper blade, follow the reverse procedure.



CAUTION

- Do not open the hood when the wiper arms are pulled up.
- Lower the wipers slowly, avoiding direct impact onto the windshield.
- Do not bend the wiper blade, and do not obstruct the wiper blade when the wiper is in operation.
- When replacing the wiper blade, after raising the wiper arm, hold it steady and gently lower it after replacing the wiper blade. Otherwise, before the wiper blade is installed, any external force could make the wiper arm snap back on the glass and risk breaking it.

05

IN-VEHICLE DEVICES

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Infotainment System

Infotainment Touchscreen

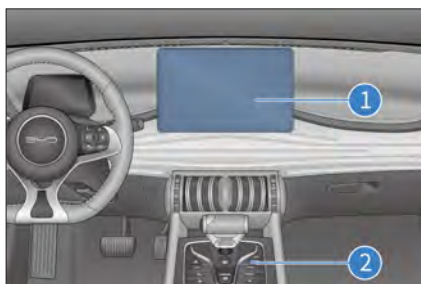
When the vehicle is powered on, the initial screen is displayed for several seconds and the infotainment system starts to work. It must be used after network connection to better experience infotainment functions (such as apps and Internet calls).

A warning is displayed when the infotainment system starts for the first time. Tap **Agree** to enter the system.

You can use the customized infotainment touchscreen as needed. A shortcut menu is provided for your convenience, which may include WLAN, Bluetooth, mobile data connection, volume, light mode, and some vehicle controls.

① Infotainment touchscreen

② Scroll button



- Audio can be turned off when pressed and on when pressed again. The infotainment system can be restarted when the button is pressed and held for over 3 seconds.
- Scroll up to turn volume up or down to turn volume down. Volume ranges from 0 to 39. A mute icon is displayed when volume is 0.

Reset to factory settings

- This function factory resets the infotainment system.
- During the process, do not touch any infotainment button or turn off the power supply, or errors may occur.
- The process takes 2-5 minutes.

WARNING

- Do not use a high-power inverter in the vehicle, as this may cause infotainment system malfunction.
- Do not format or root the device without authorization, as this may cause infotainment system or vehicle malfunction.
- In driving, please use the infotainment system in landscape mode wherever possible for your safety.

CAUTION

- To prevent damage to the touchscreen:
 - Touch the screen gently. If there is no response, remove finger from the screen, then touch it again.
 - Clean the screen with a soft damp cloth. Do not use any cleaning product.
- Using the touchscreen
 - When the screen temperature is low, the image displayed may be darker or the system may work slightly slower than normal.
 - The screen may be dark or difficult to see when you are wearing sunglasses. In that case, change the viewing angle or take off the sunglasses.
 - The touchscreen buttons that are grayed out cannot be operated.

CAUTION

- The touchscreen screen shown here is for reference only.
- It is recommended to contact a BYD authorized dealer or service provider in the event of a failure.

Navigation Bar

 : returns to the previous page or exits the program.

 : returns to the homepage.

 : shows recently opened applications.

 : switches between landscape and portrait touchscreen modes.

 : splits screen if applications support.

 : enables screen saver.

 : goes to vehicle setting screen.

- The customized map* allows for destination searching, route planning, navigation (online or offline), real-time traffic conditions, voice broadcast, and route recommendation. You can also add home, work and favorite destinations.
- Most interactive controls are on the left side of the map for searching for charging piles, parking lots, and other interested places easily.

Gestures and Responses

Gestures and associated system responses are:

- Tapping: opens applications, selects functions, clicks icons on the touchscreen, or types characters.

- Dragging: touching and dragging an icon, thumbnail, or preview to the target position to change its location.
- Swiping: operational on homepage and app screens.
- Double-tapping: zooms in or out an image.
- Spreading/pinching zooms in or out an image with two fingers.

BYD Assistant

BYD Assistant is a intelligent voice assistant that helps you to give speech instructions, such as requesting navigations, playing music/radio/DAB, making a phone call, and controlling in-vehicle devices.

- BYD Assistant wake-up:
 - On the steering wheel, press the button 
 - On the infotainment touchscreen, tap 
 - Wake-up word: Hi, BYD.
- Your speech instruction can be recognized after the wake-up.
- Give any instructions.
 - For example, "Go home" (need to set shortcut locations), "Play music", "Start DAB+", "Make a call" (contacts data and phone Bluetooth connection required), "Set the temperature to 23 °C", or "Turn on the seat ventilation for the driver". BYD Assistant performs the recognized instruction.

Bluetooth Call

Connection

1. On Bluetooth Call screen, tap **Please connect Bluetooth** to establish connection.

2. Tap **Scan for devices** to search for available device.
3. Pair the available device, and make sure the pairing code displayed on your phone is consistent with the code on the touchscreen.
4. Set Bluetooth when connection is complete.

Bluetooth Call

Go to the dialing screen when Bluetooth is connected.

- Tap **Contacts**, **Call log**, and **Missed calls**, or use dial keypad to make a call.
- Tap  to zoom in or out the dialing screen.
- Tap  to display or hide the dial keypad.
- In panoramic view screen, a small window pops up to inform driver of a call.

File Management

New folder

- Go to file management screen to create new folders. You can enter the folder name, and tap **OK** or **Cancel** to perform actions.
- Tap the top of the file management screen to change file sources.

Search

- Tap **Search** on the upper left corner and enter file names to search for target files.

Cut or Copy

- Touch and hold any file, select target files and operation (Copy, Move and Delete), and then go to the edit status.

Rename

- Touch and hold any file, select **Rename** in dialog displayed, rename the selected file, and then tap **OK**.

Delete

- Touch and hold any file, select files, and then tap **Delete**.

Sort

- Files are sorted by name by default. You can also sort them by size, type, or time.

Attributes

- Touch and hold any file, select a file, and then tap **Details** to check its attributes.

A/C System

A/C Panel View

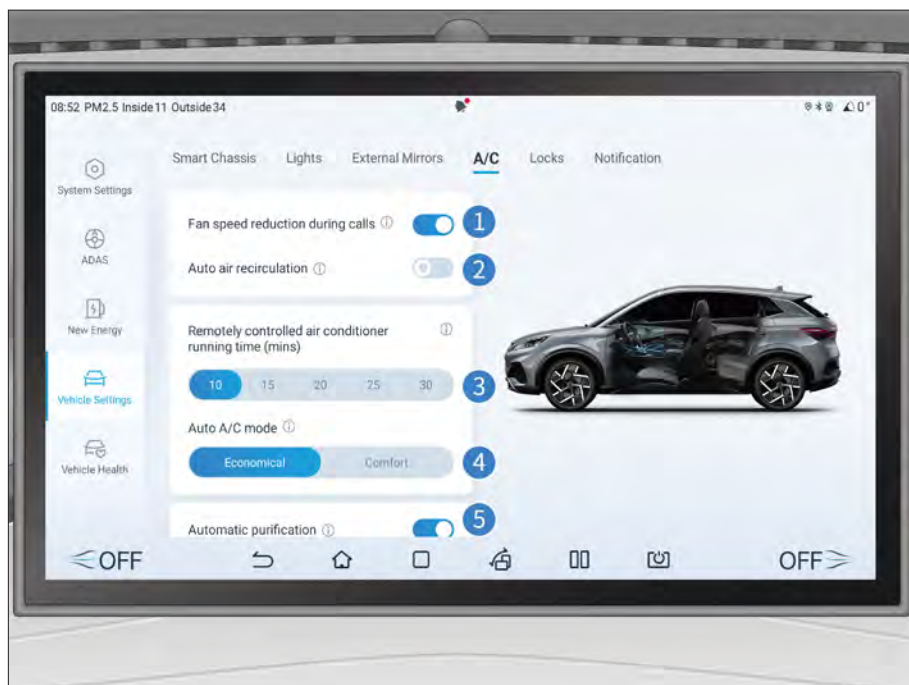
Front A/C buttons:

- ① AUTO
- ② A/C ON/OFF
- ③ Front windshield defroster



A/C Operation Interface

- To access the A/C setting interface, go to  → **Vehicle Settings** → **A/C**.



- | | |
|---------------------------------------|--------------------------|
| 1 Fan speed reduction during calls | 4 Auto A/C mode* |
| 2 Auto air recirculation when parking | 5 Automatic purification |
| 3 Remote A/C schedule mode | |

Fan speed reduction during calls

- Tap this button to enable this setting.
- Tap this button a second time to disable it.

Auto air recirculation when parking

- Tap this button to enable this setting.
- Tap this button a second time to disable it.

Remote A/C schedule mode

- Tap this button to set the time for remote A/C running.

Auto A/C mode*

- Two options are available: **Economical** and **Comfort**.

Automatic purification

- Tap this button to enable auto purification function.
- Tap this button a second time to disable it.

Front A/C Operation Interface



- | | | | |
|---|--------------------------|----|--|
| 1 | A/C setting | 9 | Front windshield defroster |
| 2 | Air purification system* | 10 | Defrost button for rear windshield & side mirrors* |
| 3 | Seat heating button* | 11 | Circulation mode |
| 4 | A/C operation interface | 12 | Ventilator |
| 5 | ON/OFF | 13 | Front passenger's temperature control |
| 6 | Auto mode | 14 | Air distribution |
| 7 | Cooling | 15 | Fan speed control |
| 8 | Max cooling | 16 | Driver's temperature control |

Function Definitions

AUTO Mode

- After tapping this button, its indicator lights up on the front A/C panel, and compressor status, fan speed and air distribution can be adjusted automatically.
- The vehicle exits auto control if fan speed or air distribution is set, and other functions remain in auto mode except for those that have been operated.

ON/OFF

- Tap this button to disable the A/C if it is ON.
- Tap this button to enable the A/C if it is OFF.

Max Cooling

- Tap this button to switch the A/C to the maximum cooling control mode. The temperature is set to "Lo", the fan speed is set to the maximum, the recirculation mode is activated, and air is directed to face level.
- Tap this button again to exit.

Cooling

- Tap this button to activate the A/C compressor. The compressor then starts to work for cooling.
- Tap this button again to deactivate the function, and the compressor stops working.

Circulation mode

- Tap this button to switch to recirculation mode. Tap it again to switch to fresh air mode.

- When the "automatic recirculation when parking" function is enabled, to ensure air quality in the vehicle and prevent the vehicle exhaust from entering the vehicle, the recirculation mode is switched on automatically after you shift into "P".

Ventilator

- Tap this button to activate A/C ventilation control. The outlet air is natural air.
- Tap this button again to exit.

Temperature regulation

- A/C temperature regulation
 - Tap the upside arrow or slide it down to increase the temperature. Tap the downside arrow or slide it up to lower the temperature.
- When the temperature is set to the lowest, "Lo" is displayed. When it is set to the highest, "Hi" is displayed.

Front windshield defroster

- Tap this button to enter the front windshield defrost mode, distributing air to the front windshield, The corresponding indicator on the front A/C panel lights up.
- Tap this button again to deactivate and exit the front windshield defroster control mode. The corresponding indicator on the front A/C panel turns off.

Defroster for rear windshield & side mirrors*

- Tap this button, and the heating panel in side mirrors will quickly clear the side mirrors. The function is automatically deactivated after 15-minute inactivity of the associated button.
- Tap this button again to disable the function.

- This function is not for drying raindrops or melting snow.

REMINDER

- Using the side mirror electric heating defrosting function for a long time may cause the mirror to wear out faster. Turn off the defrost button when it is not needed.

CAUTION

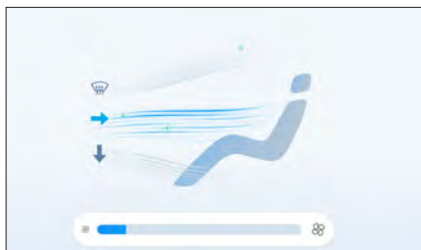
- When cleaning the inside of the rear window, be careful not to scratch or damage the heating wire and the connector.

Fan speed adjustment

- Tap the chosen position. The more bars illuminated, the faster the fan speed.

Air distribution

- Tap an icon on the infotainment touchscreen to select the corresponding air distribution mode.
- You can turn on multiple air distribution modes at a time (up to three).
- Adjustments can be made according to the following air supply.



Usage Essentials

- To quickly cool down the interior after long exposure to sunlight, drive for a few minutes with the windows open to exhaust hot air and speed up A/C cooling.
- To speed up cooling, adjust the temperature to "Lo" and use the recirculation mode for a few minutes.
- Make sure that the air intake grille in front of the windshield is not blocked (for example, by leaves or snow).
- Avoid blowing cool air onto the windshield in humid weather. The inner and outer temperature difference can cause glass fogging.
- Keep the space under the front seats clear to improve air circulation.
- In cold weather, run the fan at high speed for one minute to remove snow or moisture from the intake passage and reduce fogging.
- Use recirculation mode for a few minutes for quick heating in cold weather, and switch to fresh air mode to prevent fogging after cabin is heated up.
- In dusty or windy driving conditions, close all windows, switch on the recirculation mode, and turn on the A/C.
- In heating mode, press the compressor control button to light up the button (turning on the compressor), which can reduce airflow moisture.
- In the ventilation mode, the system introduces the natural wind from outside, which is suitable for spring and autumn.

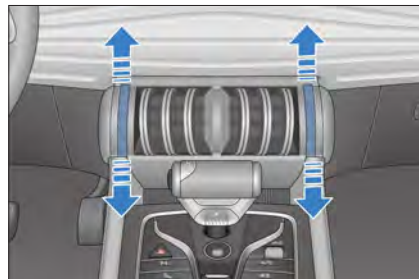
! REMINDER

- A/C unpleasant smell:
 - It is normal that there may be a damp and moldy smell just after the A/C is turned on. During the operation of the automobile A/C, A/C condensation often remains in the evaporator, and the wet evaporator can easily absorb unfiltered body sweat, smokes, etc., inside the vehicle. Condensation not blown dry makes the dark and damp evaporator surface prone to mold, which is very likely to produce unpleasant odors by long-term fermentation.
- How to prevent it:
 - Turn off the A/C and ventilate with natural air before parking to keep the air inside the vehicle relatively dry.
 - Inspect, clean, or replace the filter regularly.
 - Try to keep the cabin clean and fresh.
- If the unpleasant smell persists, it is recommended to contact a BYD authorized dealer or service provider for repair.
- In order to reduce the smell from the A/C, if the A/C is already turned on, the A/C blower may keep running for a while after the vehicle is powered off and locked. That is because the condensed water on the surface of the evaporator needs to be dried to prevent mold fermentation. It is normal for the A/C blower to start running automatically when you lock the vehicle. No need to worry about it.

Vents

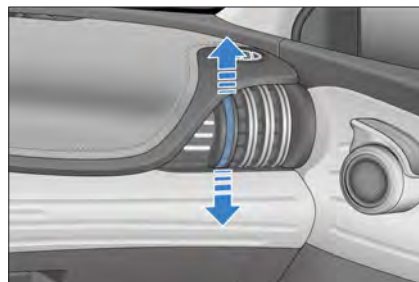
Front Center Vent

- Move the knob to adjust airflow or to open/close the vent.
- Toggle left/right to adjust airflow direction.



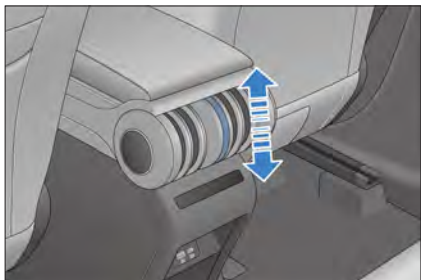
Front Side Vents

- Move the knob to adjust airflow or to open/close the vent.
- Toggle left/right to adjust airflow direction.



Rear Side Vents

- Move the knob to adjust airflow or to open/close the vent.
- Toggle left/right to adjust airflow direction.



Air Purification System*

When A/C is enabled, the air purification system thoroughly removes PM2.5 particles from the air blown into the cabin.

Air Purification Operation Interface

On the infotainment operation screen, tap **Air purification**. The air purification interface is displayed.



1 Air purification button

2 Outside PM2.5 value and level

3 PM2.5 detection button

4 Quick purification button

5 In-vehicle PM2.5 value and level display

PM2.5 Detection Button

- Tap on the "PM2.5 detection" button to activate and detect PM2.5 concentration inside/outside in real-time, which will be displayed in real time on the PAD.
- PM2.5 detection will stop if the button is tapped on again.

Quick Purification Button

- This function can quickly reduce the concentration of PM2.5 particles in the air inside the compartment in a short time.

- Tap on this button to activate and enable the function; and tap on the button again to exit.

In-Vehicle PM2.5 Value and Level Display

- The area displays the PM2.5 value and level outside/inside the vehicle.
- The PM2.5 value detected by the on-board air purification (PM2.5) detector is the PM2.5 value in the air near the vehicle carrying the device in a short time, which should be different from the daily or real-time PM2.5 value declared by national and relevant government authorities.

Here is a reference of air quality grade:

Range of PM2.5 Values	Air Quality Grade
0-35	Good
36-75	Moderate
76-115	Detrimental to sensitive groups
116-150	Unhealthy
151-250	Very unhealthy
251-999	Hazardous

REMINDER

- The frequency of PM2.5 detection should be reduced in the following environments:
 - Sandstorms and other such extremely harsh environments;
 - Cold regions (ambient temperature <-20°C);
 - High humidity environments (relative humidity >90%);

REMINDER

- Environments with a change in temperature (prone to condensation), such as driving in from a cold environment to a high-temperature indoor environment or parking lot.
- Running maximum air flow speed in internal circulation mode can quickly reduce the concentration of fine particles in the air inside the vehicle.

Switching on A/C with Cloud Service APP

Tap the A/C card on the BYD app homepage to access the A/C control screen, where you can regulate A/C temperature, set duration, and preset A/C.

- Tap on the plus sign (+) or minus sign (-) to regulate A/C temperature. You can also set rapid heating or rapid cooling.
- Tap **More settings** to set duration and circulation mode.
- Tap **Preset** to set the A/C starting time in the next 24 hours.

BYD App

BYD App

- BYD app is a mobile application of Internet of Vehicle (IoV) developed by BYD independently. It allows you to control the vehicle remotely and check vehicle conditions, delivering cloud era experience of IoV.
- Search for "BYD" in Google Play or App Store to download and install BYD app.

Account Registration

App guidance and the following steps give instructions on signing up and logging in after BYD app installation.



1. Open the app, then tap **Sign up** to go to the registration screen.
2. Enter email address registered in BYD authorized dealer, tap **Send email** to receive verification code, and then enter the code in app.
3. Set your password in password setting screen to complete the registration, and then the homepage is displayed.



CAUTION

- Provide the email address registered in the BYD authorized dealer, or registration will fail.
- In the app, select a country on upper right corner of the screen. The default setting depends on your phone setting.

Vehicle Condition and Vehicle Control

On the BYD app homepage, you can check vehicle information and corresponding control items.

1. The homepage shows remaining driving range, state of charge, abnormal information, driving condition, charging status, A/C status, door and window states, seat heating and ventilation states, and tire pressure.
2. Tap lock, unlock, light flashing & honking, or light flashing button to activate the corresponding function.
3. Turn on or off A/C on the app homepage, or tap the A/C card to perform other settings.
4. At the bottom of the homepage, tap **Seats, Doors and windows**, or **Tire pressure** to check their status on the associated screens.

5. If you have more than one vehicle under the same account, tap the vehicle name on the upper left corner to switch vehicles.

CAUTION

- The control function of the app is mainly for remote use. To use this function, ensure your phone and vehicle are connected to the Internet.

Individual Center and Vehicle Management

Tap the icon on the upper right corner to go to the individual center.

- **Vehicle management:** changes vehicle name and license plate number.
- **Account and security:** gets back or changes password.
- **Settings:** sets message reception, automatic login, and other items.
- **About:** includes privacy policy and information to contact us and give feedback.

Storage

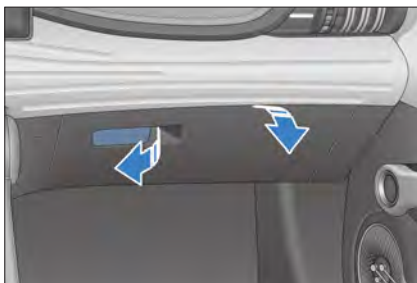
Door Bins

- There is a door bin on each door for storage of beverage bottles or small items.



Glove Box

- Pull the handle to open the glove box.
- Push the lid up to close it.



REMINDER

- To reduce risk of injury in the event of an accident or emergency braking, keep the glove box closed while driving.

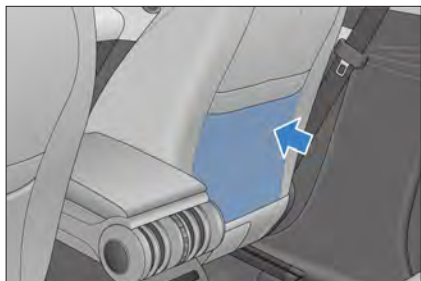
Center Console Cubby

- Located between the front seats, open the cover to use.



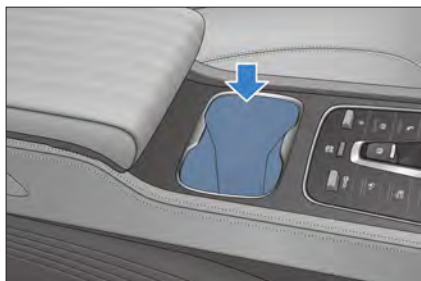
Seatback Pockets

- There are file pockets at the back of the front seats.



Cup Holder

- The front seat cup holder is located inside the center console cubby.



CAUTION

- Avoid sudden acceleration or braking when the cup holders are being used to prevent spillage.
- Do not place cups without lids in the cup holders.
- To ensure safety, drivers should not use cup holders while driving

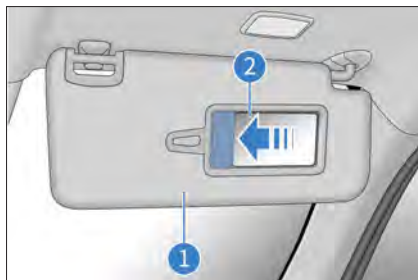
Other Devices

Sun Visors

(1) Sun visor

- Sun visors can be used for sunlight coming from the vehicle's front or side.

- For side use, just pull out the right end and turn it towards the side window.



(2) Vanity mirror

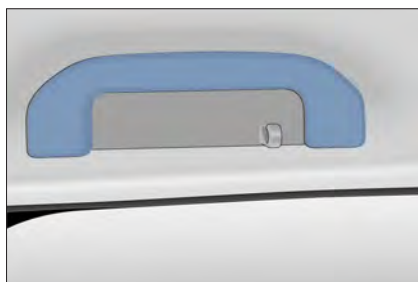
- There is a vanity mirror on the inner side of the sun visor. Slide the cover for use.

REMINDER

- Correct use of the sun visor improves driving safety.

Grab Handles

- Pull the grab handle down for use. The handle returns to its original position when released.



CAUTION

- Do not hang any heavy objects from the grab handles.

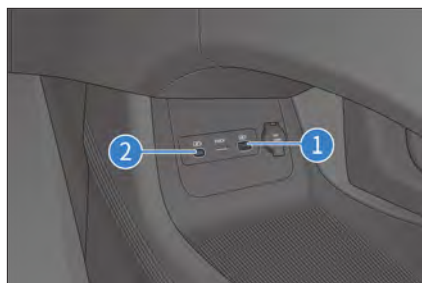
USB Ports

Front Row USB Ports

There are two ports installed in the lower layer of the auxiliary console.

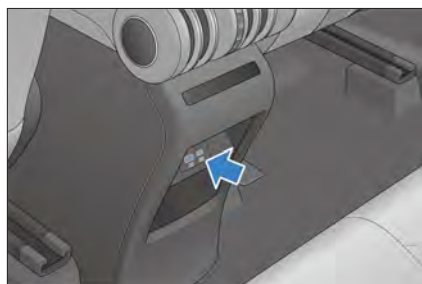
- ① Type-A port for data transfer.
- ② Type-C port, which can be used only for charging.

The vehicle should be powered on before these ports can be used.



Rear Row USB Ports

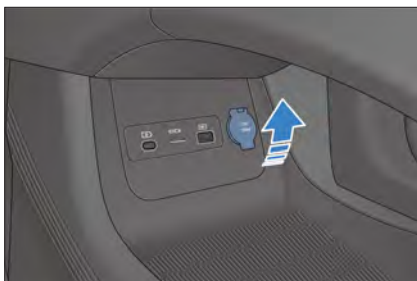
- These USB ports are for charging only, and cannot be used for multimedia.
- The vehicle should be powered on before these ports can be used.



12V Auxiliary Power

- It is used for accessories with 12V DC working voltage and no more than 10A working current.

- The 12V auxiliary power is available only when the ignition has been switched on. Lift the cover to use it.



Wireless Phone Charger*

- The charger charges phones without a cable connection through electromagnetic wave induction.
- Slide down the shortcut menu on the infotainment touchscreen to light up the wireless charger icon.
- After starting the vehicle, place a smartphone screen-up in the wireless charge area to activate this function.
- To disable the wireless charger: On the infotainment touchscreen, slide down shortcut menu and tap the wireless charger icon. The indicator turns off and the wireless charger function is disabled.



- The wireless phone charger function is not compatible with all smartphones, and only applies to Qi-certified phones.

- To avoid burning cards with chips, such as bank cards, do not place them between the phone case and the phone during charging.

CAUTION

- Ensure your smart key is more than 25 cm away from the wireless charger area when the wireless charger system is working.
- Do not place coins, metal keys, metal rings, or other articles containing metal in the wireless charger area together with the phone to avoid wireless charger dysfunction or even accidents.
- Do not place heavy objects in the charger area to avoid any damage. If the phone wireless charger system is faulty and does not work properly, it is recommended that you contact a BYD authorized dealer or service provider.
- BYD will not assume any responsibility for any problems caused by improper use. If the product is disassembled or modified, the free warranty will be terminated.
- Do not leave an unattended phone being charged in the vehicle, to avoid potential safety hazards.
- For safety reasons, drivers should refrain from checking phone charging status while driving.
- If a metal item is found between the device and the charger rubber pad while charging, it is not to be removed with bare hands to prevent burning.
- The center of the phone coil must be aligned with the center of wireless charger (indicated with text in the charger area), or charging may fail.

CAUTION

- Prevent any fluid from coming into contact with the charger area. The wireless charger will malfunction if water enters the wireless charger via the gap around the rubber mat.
- Charging may stop at high temperatures, and will resume once the temperature drops.
- BYD makes no commitments for problems caused by external wireless charging coils. Please use with caution.

REMINDER

- Only one phone can be charged at a time.
- A phone case that is too thick may prevent charging.
- On bumpy roads, the wireless phone charging may intermittently stop and then resume.
- Try to ensure that the surface on which a mobile phone is placed is parallel to the charging module. If the phone moves from the wireless charger area and stops charging, move it back to the wireless charger area.
- If the phone cannot be charged properly, ensure that there are no foreign objects in the wireless charger area, or wait for the wireless charger area to cool down before trying again. If it is still impossible to charge the phone, contact a BYD authorized dealer or service provider.
- After power-off, if the phone is still charging and the driver's door is opened, the instrument cluster sounds an alarm and a warning text will be displayed for five seconds.

! REMINDER

- Phones must always be positioned horizontally in the charging area, whether for charging or not, otherwise gear shifting may be affected.

Cargo Cover*

- The cargo cover is used for privacy and direct sunlight protection.
- Snap the two grooved sides ① of the cargo cover into the lower C-pillar shield bosses on both sides, and then attach the cover drawstring ②.
- Do the reverse to remove the cover.

**! WARNING**

- When installing the cargo cover, make sure that it is installed securely.
- Do not place any objects on the cargo cover.
- Never allow a child to climb onto the cargo cover, otherwise, damage to the cargo cover, or even injury/death to the child, can happen.

06

MAINTENANCE

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Maintenance Information

Maintenance Cycle and Items

Vehicle Maintenance Schedule

- The maintenance plan is designed to ensure stable driving, failure reduction, safe and economical driving.
- Drivers can refer to the maintenance plan for scheduled maintenance intervals, depending on the odometer reading or time interval, whichever comes first.
- For overdue maintenance items, the same time interval should be used for maintenance.
- Rubber hoses (for A/C and heating systems, braking systems, etc.) should be checked by professional technicians according to the maintenance schedule.
- These are particularly important maintenance items whose maintenance intervals are recorded in the maintenance schedule. Hoses with any degradation or damage should be replaced immediately.
- The maintenance schedule lists all the maintenance items that are necessary to keep the vehicle in optimum condition at all times.
- It is recommended that the maintenance be performed in accordance with the standards and specifications of BYD Auto Industry Co., Ltd., and by a local BYD authorized dealer or service provider.

- The maintenance schedule lists the maintenance items and travel time or distance based on the assumption that the vehicle is used as a normal means of transportation to carry passengers and goods that do not exceed the vehicle load limit.



CAUTION

- Please carry out regular maintenance of the vehicle according to the requirements in BYD Auto "Warranty and Maintenance Service Manual".

Maintenance Schedule Requirements

The vehicle shall be maintained according to the regular maintenance schedule.

If the vehicle is operated primarily under one or more of the following special conditions, certain maintenance plan items may need to be performed more frequently.

- Road conditions
 - Driving on rough, muddy or slushy roads.
 - Driving on dusty roads.
- Driving conditions
 - Towed trailer, camping trailer or roof rack is used.

Maintenance Schedule

Vehicle maintenance is performed based on the mileages or months, whichever comes first.

Item	Interval
Chassis screws	Check and fasten them every 12 months or 20,000 km and replace damaged ones in a timely manner.
Brake pedal and EPB switch	Check them at 12 months or 20,000 km for the first time, and every 24 months or 40,000 km afterwards, or every 12 months or 20,000 km in severe driving conditions.
Brake friction block and disc	Check them every 12 months or 20,000 km.
Brake piping and hoses	Check them at 12 months or 20,000 km for the first time, and every 24 months or 40,000 km afterwards, or every 12 months or 20,000 km in severe driving conditions.
Guide pin of brake caliper assembly	Check it every 24 months or 40,000 km
Steering wheel and tie rod	Check for it at 12 months or 20,000 km for the first time, and every 24 months or 40,000 km afterwards, or every 12 months or 20,000 km in severe driving conditions.
Drive shaft boot	Check it at 12 months or 20,000 km for the first time, and every 24 months or 40,000 km afterwards, or every 12 months or 20,000 km in severe driving conditions.
Ball pin and boot	Check them at 12 months or 20,000 km for the first time, and every 24 months or 40,000 km afterwards, or every 12 months or 20,000 km in severe driving conditions.
Front and rear suspensions	Check them at 12 months or 20,000 km for the first time, and every 24 months or 40,000 km afterwards, or every 12 months or 20,000 km in severe driving conditions.
Tire condition and inflation pressure, incl. TPMS	Check them every 12 months or 20,000 km and replace damaged parts in a timely manner.
Front and rear wheel alignment	Check it at 12 months or 20,000 km for the first time, and every 24 months or 40,000 km afterwards, or every 12 months or 20,000 km in severe driving conditions.
Tire rotation (Check tire pressure and condition at least once a month)	Check the tire pressure and conditions at least once a month and rotate tires every 10,000 km.
Door brake	Check it every 12 months or 20,000 km. Remove dust from the tie rod with a wet soft cloth, apply 0.3-0.8 g grease to the tie rod, riveted joints, and rotating shaft, and replace damaged parts in a timely manner.
Wheel bearing clearance	Check for it at 12 months or 20,000 km for the first time, and every 24 months or 40,000 km afterwards, or every 12 months or 20,000 km in severe driving conditions.

Item	Interval
Coolant level in expansion tank	Check for it every 12 months or 20,000 km and replace damaged parts in a timely manner.
Drive motor antifreeze	Replace the long-acting organic acid coolant every four years or 100,000 km, whichever comes first.
Brake fluid	Check it every 12 months or 20,000 km and replace damaged parts in a timely manner.
Brake fluid	Replace it every two years or 40,000 km.
Vehicle module DTCs (to be cleared after recording)	Check for it every 12 months or 20,000 km and replace damaged parts in a timely manner.
High-voltage battery tray, shield, impact bar, and mount point torque	Check them every 12 months or 20,000 km and replace damaged parts in a timely manner.
Battery pack capacity	Test and calibrate capacity every six months or 72,000 km.
Gear oil in transmission (NT30 transmission)	Replace it at 24 months or 40,000 km for the first time, and every 24 months or 48,000 km afterwards.
Powertrain leaks or bumps	Check for them every 12 months or 20,000 km and replace damaged parts in a timely manner.
Loose high-voltage wiring harnesses and connectors	Check for them every 12 months or 20,000 km and replace damaged parts in a timely manner.
Deformation of or oil stains on the high-voltage module	Check for them every 12 months or 20,000 km and replace damaged parts in a timely manner.
Foreign materials on or ablation of charging connector interface	Check for them every 12 months or 20,000 km and replace damaged parts in a timely manner.
Activated carbon HEPA filter*	Check it every 12 months or 20,000 km, whichever comes first, and replace it if necessary. In severe driving conditions, check it every six months and replace it if necessary.
Lamp and LED lighting	Check it every 12 months or 20,000 km and replace damaged parts in a timely manner.
Headlight dimming	Check it every 12 months or 20,000 km and replace damaged parts in a timely manner.
Initial down tilt of low beam	Calibrate it every 10,000 km.
Foreign materials on or ablation of the EPS GND point	Check for them every 12 months or 20,000 km and replace damaged parts in a timely manner.

Item	Interval
EPS connector looseness and connector pin ablation	Check for them every 12 months or 20,000 km and replace damaged parts in a timely manner.
EPS ECU corrosion	Check for it at 12 months or 20,000 km for the first time, and every 24 months or 40,000 km afterwards.
Foreign materials or corrosion on connections between the EPS ECU and motor*	Check for them every 12 months or 20,000 km and replace damaged parts in a timely manner.
Vehicle module software update (update if any)	Check for it every 12 months or 20,000 km and replace damaged parts in a timely manner.
Wading marks on high-voltage parts	Check for them every 12 months or 20,000 km and replace damaged parts in a timely manner.
Lock nut torque of wiper arm	Check for it every 12 months or 20,000 km and replace damaged parts in a timely manner.
Hood lock and fasteners	Check them every 12 months.
Notes: When checking Item 1, replace chassis parts in a timely manner if any abnormal damage is found.	

! REMINDER

- To keep the high-voltage battery in optimal condition, please fully charge and discharge the vehicle regularly (at least every six months or 72,000 km, whichever comes first) for battery self-calibration. You can also contact a BYD authorized dealer or service provider for capacity testing and calibration.

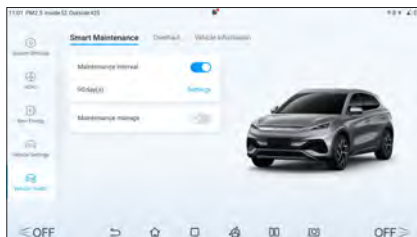
Severe driving conditions include:

- Frequent driving in dusty areas or frequent exposure to salt-laden air.
- Frequent driving on bumpy, puddled, or mountain roads.
- Driving in cold weather.
- Frequent and sudden braking.
- Frequent use of a towed trailer.
- Use as a taxi.
- Driving in congested urban areas at temperatures above 32° C for more than 50% of total travel time.

- Driving at speeds over 120 km/h at temperatures above 30° C for more than 50% of total travel time.
- Frequent overloading.

Smart Maintenance System*

- The vehicle is equipped with a smart maintenance system. Tap  → **Vehicle Health** → **Smart Maintenance** to set maintenance interval and maintenance mileage.



Regular Maintenance

Regular Maintenance

- Be sure to maintain the vehicle as per the maintenance schedule to allow it serve in the best working efficiency and reduce fault occurrence.
- Drivers can refer to the maintenance plan for scheduled maintenance intervals, depending on the odometer reading or time interval, whichever comes first.
- For overdue maintenance items, the same time interval should be used for maintenance.
- It is recommended that maintenance be performed in accordance with the standards and specifications of BYD Auto Co., Ltd., and by a local BYD authorized dealer or service provider.
- The maintenance schedule lists the maintenance items and travel time or distance based on the assumption that the vehicle is used as a normal means of transportation to carry passengers and goods that do not exceed the vehicle load limit.

CAUTION

- Please carry out regular maintenance of the vehicle according to the requirements in BYD Auto "Warranty and Maintenance Service Manual".

Vehicle Corrosion Prevention

The most common causes of vehicle corrosion are:

- The underbody of the vehicle is covered in salt, dust or moisture.
- The vehicle or some of its parts are exposed to high humidity and high temperature for a long time.
- The paint layer or underlayer is scratched by minor collision or by stones and gravel.

The following rules should be observed to prevent vehicle corrosion:

- Wash the vehicle frequently.
 - If driving on saline roads in winter or living in coastal areas, wash the landing area of the vehicle at least once a month, and clean the chassis and hubcap with a high-pressure water jet or steam to reduce corrosion. Wash the chassis thoroughly after winter.
- Check body paint and trims.
 - Any chip or crack found on the paint must be repaired immediately to prevent corrosion. If fragments or cracks peel off from the metal surface, it is recommended to go to a BYD authorized dealer or service provider for repair.
- Check cabin interior.
 - Moisture and dust buildup under the carpet can cause corrosion. Check the undersides of carpets frequently to make sure these areas are dry.

- Special care should be taken when transporting chemicals, detergents, fertilizers, salt, and other substances, and such substances should be kept in appropriate containers for transportation. If spillage or leakage is found, clean immediately and keep dry.
- Use fenders.
 - Fenders can protect vehicles in saline areas or on gravel roads. The bigger and closer to the ground the fender, the better.
- Park in a well-ventilated and dry area.

Paint Maintenance Tips

- Do not perform secondary painting if there is no obvious scratches on the finish, so as to prevent mismatch or color incompatibility.
- When the vehicle is not used for a long period, it should be parked in a garage or a well-ventilated place, and special body cover should be used in winter. Choose a shady place for parking temporarily.
- Prevent strong impacts, knocks or scratches on the paint. If the paint is scratched, dented or if it peels, it should be repaired in time, which should be carried out by professional auto beauty provider.
- Do not touch the paint with a greasy cloth. Do not place greasy tools or rub with organic solvents on the vehicle body so as to avoid chemical reactions.
- The vehicle should be taken for a paint check regularly (once a month or whenever any problem is found), and waxed once every three months.

- High quality polish and wax must be used. If body finish is severely weathered, use a car cleaning polish separate from the wax. Carefully follow the manufacturer's instructions and precautions. Chrome finish should be polished and waxed as well as painted finish.

CAUTION

- The plastic bumper must be removed if the vehicle is to be repainted and parked in a high temperature painting and waxing workshop, as high temperatures will damage the bumper.

Vehicle Cleaning

- The vehicle must be cleaned in time under the following circumstances which will cause peeling of paint layer or corrosion of body and parts:
 - Driving along the coast.
 - Driving on a road on which anti-freeze has been applied.
 - Driving on roads covered with coal tar.
 - Resin, bird droppings and insect carcasses get stuck.
 - Driving in areas with a large amount of smoke, soot, dust, iron filings or chemicals.
 - Vehicles visibly soiled by dust or mud.
 - After raining.

Manual Car Washing

Before washing the vehicle, park it in the shade, and wait for the vehicle to cool down sufficiently.

1. Hose off loose dirt to remove all mud or road salt from the bottom of the vehicle and wheel pits.

2. Wash the vehicle with neutral agents, the mixing of which should be carried out according to the manufacturer's instructions. Soak a soft cloth with cleaning solution and gently wipe it down along the direction of the water flow. Do not wipe in a circular motion or horizontally.
3. Rinse well - When the washing agent dries, it forms markings. After washing the vehicle in hot weather, rinse the parts properly.
4. Dry the vehicle with a clean soft towel to prevent stay water marks. In order to prevent scratching, do not rub or apply excessive force on the paint.

REMINDER

- Do not use alkaline washing powder, soapy water, dishwashing liquid, dewaxing detergent, or volatile solvents.
- When cleaning the light assemblies, do not wipe the surface of the combination lights with chemical solvents, such as gasoline, alcohol, lacquer thinner, paint thinner or carbon tetrachloride; otherwise, cracks will appear on the assembly guards.
- Vehicles driven in coastal areas or in heavily polluted areas should be rinsed every day.
- Do not scrape or use gasoline to remove dirt. The plastic wheel trims are easily damaged by organic matter. If any organic matter is splashed on the trims, it must be washed off with water and the trims must be checked for damage. If necessary, promptly replace plastic wheel trims that have been seriously damaged. Otherwise, they may fly off while the vehicle is in motion.

REMINDER

- Do not wash the bumper with cleaning agents that contain abrasives.
- The plated metal parts must be cleaned with a carbon cleaning agent, and waxed regularly for protection.

Automatic Car Washing

When choosing an automated car wash service, be aware of certain types of brushes, unfiltered rinsing water, or machine-specific rinsing procedures that may scratch the paint and affect its gloss and durability, especially darker colors. Before washing the vehicle, it is best to consult the staff of the car wash service provider to understand which washing procedures are the safest for the paint finish.

Interior Cleaning

REMINDER

- Prevent direct water splashes onto the dashboard or floor when washing the vehicle, as these may cause electrical faults.
- Do not wash the vehicle's floor.

Carpet

- Clean carpets with a good foam detergent.
- Use a vacuum cleaner to remove as much dust as possible. Several types of foam detergents can be used. Some are in spray cans, and the others are powders or liquids, which produce foam when mixed with water. Clean the carpets with foam soaked sponge or a brush, scrubbing in a circular motion.

- Do not use plain water, and keep the carpets as dry as possible.

Seat Belts

- The seat belts can be cleaned with neutral soapy water or lukewarm water.
- Scrub the seat belts with a sponge or soft cloth. Check the seat belts for excessive wear, tears or cut marks.

CAUTION

- Do not clean the seat belts with stain remover or bleach, so as not to weaken them.
- Do not use the seat belts until they are dry.

Doors and Windows

- Doors and windows can be cleaned with any ordinary detergent.
- Check the door checks regularly. If the check lever is found with visible dust accumulation, wipe it with a wet soft cloth.

CAUTION

- When cleaning the inside of the rear window, be careful not to scratch or damage the heating wire and the connector.

A/C Control Panel, Car Speakers, Dashboard, Control Panel and Switches

- Clean the A/C control panel, car speakers, dashboard, control panel and switches with a wet soft cloth.
- Wipe dust off gently with a clean soft cloth soaked in lukewarm water.

CAUTION

- Do not use organic substances (solvents, kerosene, alcohol, gasoline, etc.) or acid and alkali solutions. These chemicals can cause discoloration, staining or flaking.
- If any detergent or polishing product is used, make sure they do not contain any of these ingredients.
- If a new liquid washing agent is used, it must not come into contact with the vehicle's interior surfaces, as it may contain any of the previously mentioned ingredients. If there is any spillage, immediately clean it thoroughly.

Leather

- Leather trimmings can be cleaned with a neutral detergent for woolen.
- Use a soft cloth with a neutral detergent solution to wipe off the dust, and then use a clean, wet cloth to wipe the remaining detergent thoroughly.
- If leather gets wet, wipe it with a clean soft cloth and let it dry in a cool, ventilated place.
- For any questions about vehicle cleaning, please consult a local BYD authorized dealer or service provider.

CAUTION

- If dirt cannot be cleaned off using a neutral detergent, clean it with a detergent that does not contain organic solvents.
- Do not clean leather with any organic material such as volatile oil, alcohol, gasoline, acid or alkali, as these will cause discoloration.

CAUTION

- Do not clean leather with a nylon brush or synthetic fiber cloth, as these may scratch the fine patterns on the leather surface.
- Mold may grow on dirty leather trimmings. Special care must be taken to avoid oil stains, and trimmings must always be kept clean.
- Prolonged exposure to sunlight will cause leather to harden or shrink, so the vehicle should be parked in a shady and cool place, especially in the summer.
- In hot weather, avoid placing vinyl or waxy items on the trimmings, as these may stick to leather in high temperatures.
- Improper cleaning of leather trimmings may cause discoloration or spots.

Self-Maintenance

Self-Maintenance

Self-Maintenance Precautions

- If maintenance is to be carried out by the owner, be sure to follow the correct steps in this section.
- Note that improper and incomplete maintenance will affect the good use of the vehicle.
- This section only lists instructions on simple maintenance items that can be done by the owner. However, there are many items that must be done by qualified technicians with special tools.

- Special care must be taken in maintaining vehicles to prevent accidental injuries.

CAUTION

- Some vehicle circuits and parts carry high current or high voltage. Beware.
- If refrigerant spills out, wipe it clean with a dry cloth or paper to prevent damage to parts or painted surfaces.
- If brake fluid spills out, rinse it with water to prevent damage to parts or painted surfaces.
- When replacing wiper blades, prevent them from scratching the glass surface.
- Before closing the hood, make sure there are no tools, cloths, etc., left inside.
- Goggles are to be worn whenever work is done under the vehicle, to prevent objects or liquids from falling into eyes.
- As brake fluid can damage the skin or eyes, caution should be exercised while filling the brake fluid. If brake fluid splashes on skin or eyes, wash immediately with plenty water. If discomfort persists, seek medical attention.

Checks

The following items should be checked according to usage or specified mileage:

- Coolant level - Expansion tank coolant level should be checked at each charge.
- Windshield washer fluid - The residual amount of washer liquid in the tank should be checked monthly. When washer liquid is frequently used, the residual amount of liquid should be checked at each charge.

- Windshield wiper - Check wiper conditions monthly. If the wiper does not work, check it for wear, cracking, or other damage.
- Brake fluid level - Check the level monthly.
- Brake pedal - Check whether the brake pedal is operating properly.
- EPB switch - Check whether the switch is functional.
- Low-voltage battery - Check battery conditions and check for terminal corrosion monthly.
- A/C system - Check the operation of A/C units weekly.
- Tires - Check tire pressure monthly. Check tread wear and whether there are foreign bodies embedded.
- Windshield defrosters - Check the defroster vent monthly.
- Lights - Check the condition of headlights, position lights, tail lights, high mount brake light, turn signals, rear fog lights, brake lights and license plate light monthly.
- Doors - Check whether the trunk lid and all other doors (including rear doors) can be opened freely and locked securely.
- Horn - Check whether the horn is functioning properly.

REMINDER

- There is risk of damage or accidents if the vehicle is driven for long periods without inspection.

Combination Lights

Front left combination lights

- Front combination lights are aligned before vehicle delivery. If the vehicle carries heavy load frequently, front combination lights may need to be realigned. It is recommended to have the front combination lights aligned by a BYD authorized dealer or service provider.

Fogging of lights

- Combination lights, tail lights, and turn signals on the side mirrors may become foggy after heavy rain or cleaning. This is similar to condensation on the side window during rain. It does not mean any problem with your vehicle.
- The lights are a relatively enclosed and narrow space. The temperature is very high when they light up (the mask and reflector could be burned and deformed easily), so they need heat dissipation. There are heat dissipation holes on the lamp housing for convection. The greater the temperature difference is, the more active the convection is. During the convection, the moisture in the air inevitably enters a lamp. Factors such as exposure to sunlight, convection, and bulb heating can cause the moisture in the air to condense into fog or water beads easily on the lamp surface at low temperatures. This is called fogging of lights.

REMINDER

- If fog presents inside the combination lights and inside the turn signal on the side mirror, it may be due to high air humidity or significant temperature difference between the vehicle and its surroundings. In that case, turn on the combination lights or turn signal while driving. The fog will evaporate after a short period of driving.

REMINDER

- If there is a noticeable amount of water inside the lights, it is recommended to drive the vehicle to a BYD authorized dealer or service provider for maintenance.

Sunroof Maintenance

Panoramic Sunroof Maintenance*

1. Wipe off dust or sand on the outer sealing strips of the sunroof with a damp cloth to avoid scratching them, which may affect their sealing performance.
2. Wipe off dust or sand on the molding edges of the front glass with a damp cloth to avoid scratching them, which may affect their sealing performance.
3. Fully open the front glass and frequently clean the front end of the rear glass to avoid the accumulation of dust, sand, and leaves, and prevent the drainage holes from being blocked by such debris, resulting in poor drainage of the sunroof.
4. Frequently clean the rails on both sides and the front sash to avoid the accumulation of dust, sand, and leaves, and prevent the drainage holes from being blocked by such debris, resulting in poor drainage of the sunroof.
5. When washing the vehicle, do not aim jets directly at the sealing strips with a water cannon, to prevent damage to the strips and water from leaking into the vehicle.
6. The sunroof freezes easily in winter, the sealing strips or other parts may be damaged if the sunroof is forcibly opened. When the sunroof freezes, heat the vehicle and turn on the A/C system to accelerate the melting of snow and ice on the sunroof. Try to open the sunroof after the temperature inside reaches a certain level. Dry the residual moisture on the sunroof to prevent it from freezing.
7. Do not open the sunroof fully on extremely bumpy roads. Otherwise, the vibration between the sunroof and the rail may cause deformation of related parts and even damage to the motor. Also, do not open the sunroof when it rains or the vehicle is being cleaned.

Ordinary Sunroof Maintenance*

1. Wipe off dust or sand on the sealing strips of the sunroof with a wet cloth to avoid scratching them, which may affect their sealing performance.
2. Wipe off dust or sand around the roof metal sheet with a wet cloth to prevent abrasion of sealing strips when the sunroof is closed, which may affect the sunroof sealing performance.
3. Frequently clean the rails, front sash and other parts to avoid the accumulation of dust, sand, and leaves, and prevent the drainage holes from being blocked by such debris, resulting in water leakage into the vehicle.
4. When washing the vehicle, do not aim jets directly at the sealing strips with a water cannon, to prevent damage to the strips and water from leaking into the vehicle.

5. The sunroof freezes easily in winter, the sealing strips or other parts may be damaged if the sunroof is forcibly opened. When the sunroof freezes, heat the vehicle and turn on the A/C system to accelerate the melting of snow and ice on the sunroof. Try to open the sunroof after the temperature inside reaches a certain level. Dry the residual moisture on the sunroof to prevent it from freezing.
 6. Do not open the sunroof fully on extremely bumpy roads. Otherwise, the vibration between the sunroof and the rail may cause deformation of related parts and even damage to the motor. Also, do not open the sunroof when it rains or the vehicle is being cleaned.
- To reduce adhesion, apply silicone lubricant to all door seals and body wax to the painted surface where the door seals meet.
 - Cover the body with a breathable covering made of a "porous material" such as cotton. Non-porous materials, such as plastic sheeting, can build up moisture and damage the paint.
 - If possible, start the vehicle regularly (preferably monthly). If the vehicle has been parked for a year or more, go to a BYD authorized dealer or service provider for comprehensive maintenance.

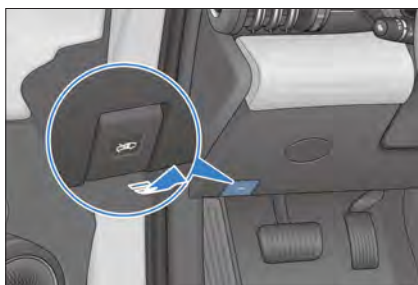
Vehicle Storage

- If the vehicle needs to be parked for a long time (more than a month), the following preparations should be made. Proper preparation helps prevent degradation and ensure easy reuse of the vehicle. If possible, park the vehicle indoors.
- Charge the vehicle on time.
- Thoroughly clean and dry the body surface.
- Clean the interior of the vehicle to ensure that carpets and mats are completely dry.
- Release the parking brake and set the gearshift lever in parking gear.
- Open one window slightly (if stored indoors).
- Disconnect the negative terminal of the 12 V battery in engine compartment.
- Pad the front wiper arm with a folded towel or cloth to keep it out of contact with the windshield.

Hood

Opening the Hood

1. Pull the handle on the right under the dashboard twice. The hood unlocks and opens slightly.



2. To open the hood: Lift the hood and support it with the rods.
3. To close the hood: Lower the hood to about 20-30 cm above the front grille and release it, so the fall locks it.
4. After closing the hood, check whether the latch is securely locked.



! REMINDER

- Ensure that the hood is closed and locked firmly. Otherwise, the hood may suddenly open during driving, resulting in an accident.
- Do not force down the hood or release it from a high position.

Cooling System

- It is required that the liquid level should be between the Maximum(MAX) and Minimum(MIN) marker lines of the expansion tank.
- The refrigerant should always be of the same specification as the original refrigerant, without adding any mixture. Different brands and types of refrigerant should not be mixed.



- If the level is below the MIN line, refrigerant should be refilled to the MAX line. Check the cooling system for leakage.

! REMINDER

- Opening the refrigerant tank cap when the engine is not yet completely cooled may cause refrigerant to squirt out, resulting in severe burns.
- Battery refrigerant may fade in color when exposed to high ultraviolet rays such as sunlight. If the hood needs to be opened in the process of car use and maintenance, direct sunlight should be avoided. The performance parameters of refrigerant do not change after it fades, and normal use is not affected.

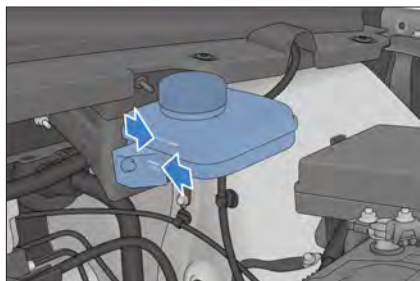
! CAUTION

- Do not add any rust inhibitor or other additive into the cooling system, for it may be incompatible with the refrigerant or the motor assembly.
- Before opening the reservoir cap, make sure that the motor, high-voltage electronic control assembly, refrigerant reservoir and radiator are all cooled down.
- It is recommended to go to a BYD authorized dealer or service provider to add refrigerant that is compatible with the battery.

Braking System

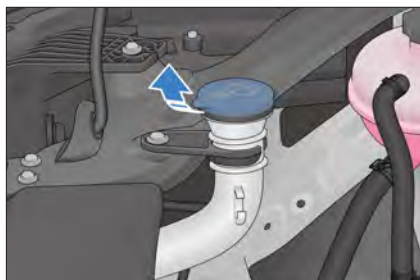
- The liquid level in the tank should be checked monthly, and the brake fluid should be replaced according to the travel time and mileage specified in the regular maintenance schedule.
- Be sure to use the brake fluid of the same specifications as the original brake fluid, and different types of brake fluid should not be mixed.

- It is required that the liquid level should be between the MAX and MIN marker lines of the tank.
- If the gauge shows a low brake fluid level, check the brake system for leakage and brake lining for abrasion.



Washer

- During normal use, check the liquid level of the windshield washer reservoir at least monthly.
- If the windshield washer is used frequently, the level of the washer reservoir should be checked more frequently.
- High quality windshield washer fluid should be added to improve stain removal and prevent freezing in cold weather.



- When refilling the washer fluid, use a clean cloth dipped in the windshield washer fluid to clean the windshield wiper blade, thus helping keep the wiper blade in good condition.

CAUTION

- Do not inject vinegar-water solution into the windshield washer fluid reservoir.
- It is recommended to use certified windshield washing fluid.

A/C System

- The A/C system is a closed system, and any important maintenance work should be performed by professionals from a BYD authorized dealer or service provider.
- Owners can perform the following operations to ensure that the A/C system works effectively.
 - Check the radiator and A/C condenser regularly.
 - Remove leaves, insects, and dust from the front surface, which can block airflow and reduce cooling.
 - In cold months, the A/C should be turned on at least once a week for at least 10 min each time, to allow the circulation of lubricating oil contained in the refrigerant.
- If A/C efficiency decreases, go to a BYD authorized dealer or service provider for maintenance.

CAUTION

- Whenever the A/C system is inspected and repaired, the maintenance station should be required to ensure the use of refrigerant recirculation equipment. This equipment can recover refrigerant for reuse. Improper disposal of refrigerant pollutes the environment.

Wiper Blades

The blade strip, made of synthetic rubber, is a vulnerable part. Various service environment of the vehicle and usage habits of drivers can damage the blades. Therefore, please observe the following to ensure the service life of blades and driving safety:

- Do not use a blade to remove ice from the windshield surface. Use a dedicated ice scraper.
- Do not scrape the windshield surface if it is dirty, greasy or waxy.
- Keep the windshield surface clean. Do not scrape dust, sand, insects, and foreign bodies on the windshield surface.
- During vehicle washing and body paint maintenance, there is no need to wax the windshield, as the wax layer reflects light in bad light, affecting the line of sight and driving safety. After washing the vehicle, rinse the blade with plain water, and use special windshield wax cleaner to remove the wax layer on the windshield.
- Do not wash the blades directly with a water jet to prevent excessive water pressure from damaging the blades.

Maintenance Rules

- Clean windshield and blade regularly (preferably once a week or once every two weeks).
- Wipe the wiper regularly (preferably once a day or once every two days). When using a blade to wipe the windshield, keep the windshield fully wet (when there is no rain, the washer liquid must be sprayed in advance).
- Clean the windshield with a special windshield washer fluid.

- Promptly clean mud and insect carcasses stuck to the windshield with a rag.
- When there are marks on the windshield caused by gravel, maintenance must be carried out timely. (It is recommended that windshield repair resin products should be used and the windshield should be replaced if marks are too large or too many.)
- Replace the wiper blades regularly, preferably once every six months.
- When cleaning the windshield, raise the wiper arm in advance. The specific operation method is as follows:
 1. Go to  → **Vehicle Health** → **Overhaul** to enable front wiper maintenance. The wipers rotate down.
 2. Grasp the upper end of the wiper arm and carefully lift the wiper arm and blade assembly.

Tires

- For safe driving, tires must be made and sized to fit the vehicle, with good tread and standard tire pressure.

WARNING

- Using excessively worn tires, or with too high or low pressure, poses a high risk of accidents.
- Follow all of the instructions in this manual on tire inflation and maintenance.

Tire Inflation

- Keep tires properly inflated to provide the best combination of handling, tread life and driving comfort.

- Under-inflated tires can cause uneven tire wear, affect handling and energy consumption, and they are more prone to leakage due to overheating.
- Over-inflated tires wear unevenly, reduce comfort, and are prone to damage from uneven roads. If seriously over inflated, there is a risk of bursting, seriously threatening safety.
- The vehicle is equipped with a tire pressure gauge. When the tire is cold, owners can decide whether to replenish tire pressure according to the tire pressure value displayed on the gauge.
- Tire pressure should be measured while the tire is cold. This means that it should be measured at least three hours after parking. If the owner must drive the vehicle before the tire pressure is measured, the tire can still be considered cold as long as the travel distance is not more than 1.6 km.
- If the tire pressure is checked while the tire is hot, the reading will be 30 - 40 kPa (0.3 - 0.4 bar) higher than the cold reading. This phenomenon is normal. Do not deflate in order to achieve the specified cold tire pressure reading; otherwise pressure will be insufficient.

! REMINDER

- The recommended tire pressure label (stuck on the driver's side door frame) indicates the recommended cold tire pressure.
- Tubeless tires have a self-sealing function when they are punctured. However, as the leak is usually very slow, as soon as the tire begins to depressurize, carefully look for the leak location.

Checks

- Whenever checking tire inflation, check tires for damage, foreign body piercing and wear.
- Replace the tire if bumps, or tread or side damage are found.
- Replace the tire if there are cracks on its side, or if its fabric or cord can be seen.
- Replace tires with excessive tread wear.



- Tire treads are cast with wear marks. When the tread is worn at this point, tread thickness is less than 1.6 mm. The adhesion of tires worn to this extent is very small on wet roads.
- When the tread is worn to the point where the wear mark is exposed, there is serious performance loss, and the tires should be replaced.

Maintenance

- In addition to proper inflation, proper wheel alignment also helps reduce tread wear.
- If uneven tire wear is found, go to a BYD authorized dealer or service provider and check the wheel alignment.
- The vehicle has been balanced in the factory, but tires need to be re-balanced after driving for a period of time.

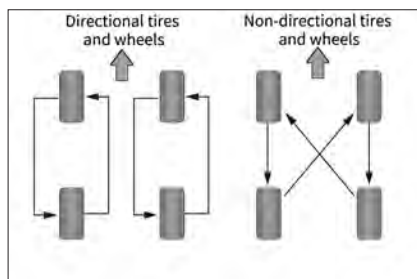
- If there is some kind of continuous vibration while driving at high speeds (above 80 km/h), but not at low speeds, go to a BYD authorized dealer or service provider and check the tires.
- If a tire has been repaired, be sure to re-balance it.
- When installing a new tire or replacing a new wheel, always perform tire balancing.

CAUTION

- Improper wheel balancers will get stuck, become loose and fall off. While driving, this will damage the car or surrounding objects.
- Improper wheel balancers will damage the aluminum rims of the vehicle. Therefore, it is recommended to use original wheel balancers.

Tire Rotation

- In order to make tires wear the same and prolong their service life, it is recommended to rotate tires regularly and conduct four-wheel alignment, inspection and adjustment as well.
- When purchasing replacement tires, you may find that some tires are "directional," which can only be rotated in one direction. If directional tires are used, only the front and rear wheels can be swapped in tire rotation.



Tire and Wheel Replacement

- Original tires maximize performance, while providing the best combination of maneuverability, driving comfort and service life.
- Go to a BYD authorized dealer or service provider for replacement of original tires.
- Replacement of tires with different sizes, road ranges, rated speeds and maximum cold pressures (marked on the tire side) or mixed use of radial tires and diagonal tires can reduce braking ability, driving force (ground adhesion) and steering accuracy.
- The installation of unsuitable tires can affect the maneuverability and stability of the vehicle, and may lead to accidents.
- It is best to replace all four tires at once. Do not replace only one tire; otherwise it will seriously affect the maneuverability of the vehicle.
- ABS works by comparing wheel speed. When replacing a tire, use a tire of the same size as the original tire. The size and structure of the tire can affect wheel speed and may lead to uncoordinated system operation.
- If the wheel needs to be replaced, ensure that the specifications of the new wheel match those of the original wheel. New wheels are available for purchase at a BYD authorized dealer or service provider. Please consult a BYD authorized dealer or service provider before replacing the wheels.

! REMINDER

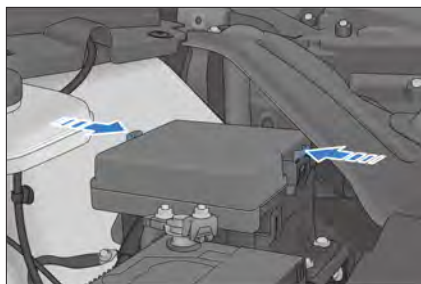
Observe the following instructions, otherwise it will lead to typical handling hazards, which will cause the vehicle to lose control.

- Do not mix radial tires, bias belted tires or diagonal ply tires.
- Only use the tire sizes recommended by the manufacturer.

Fuses

All vehicle circuits are provided with fuses to prevent short circuit or overloading. These fuses are mounted in the under-hood and dashboard PDBs, respectively. Fuse labels are included in these PDBs, showing the correspondence of fuses with electrical components.

- The fuses under the hood are located at the left rear part in the engine compartment. To open it, remove the trim first, and press the latch.



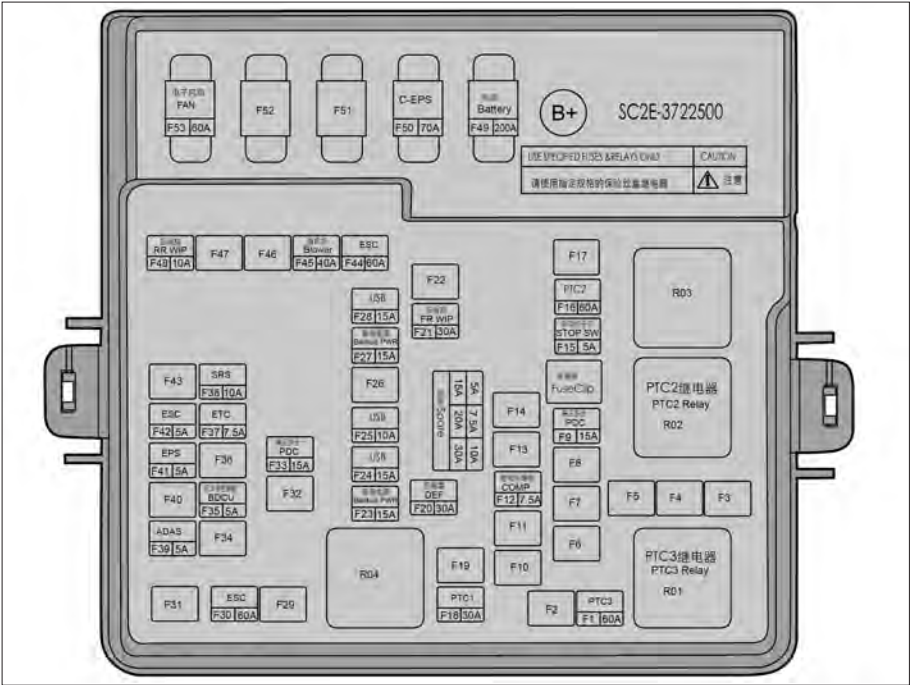
- The dashboard fuse under the driver's side is located on the left side of the dashboard. Take apart the lower body of the dashboard to check the fuse.
- Replacement of blown fuses with ones of higher amperage can significantly increase the likelihood of damage to the electrical system.
- If there is no spare fuse of the same amperage, use a fuse with lower amperage instead.



! REMINDER

- Do not use a fuse with a higher rated ampere value, or any other solution to replace the fuse, as this may cause serious damage or even a fire.
- If a fuse blows, go to a BYD authorized dealer or service provider for inspection or replacement.

Under-Hood PDB Nameplate

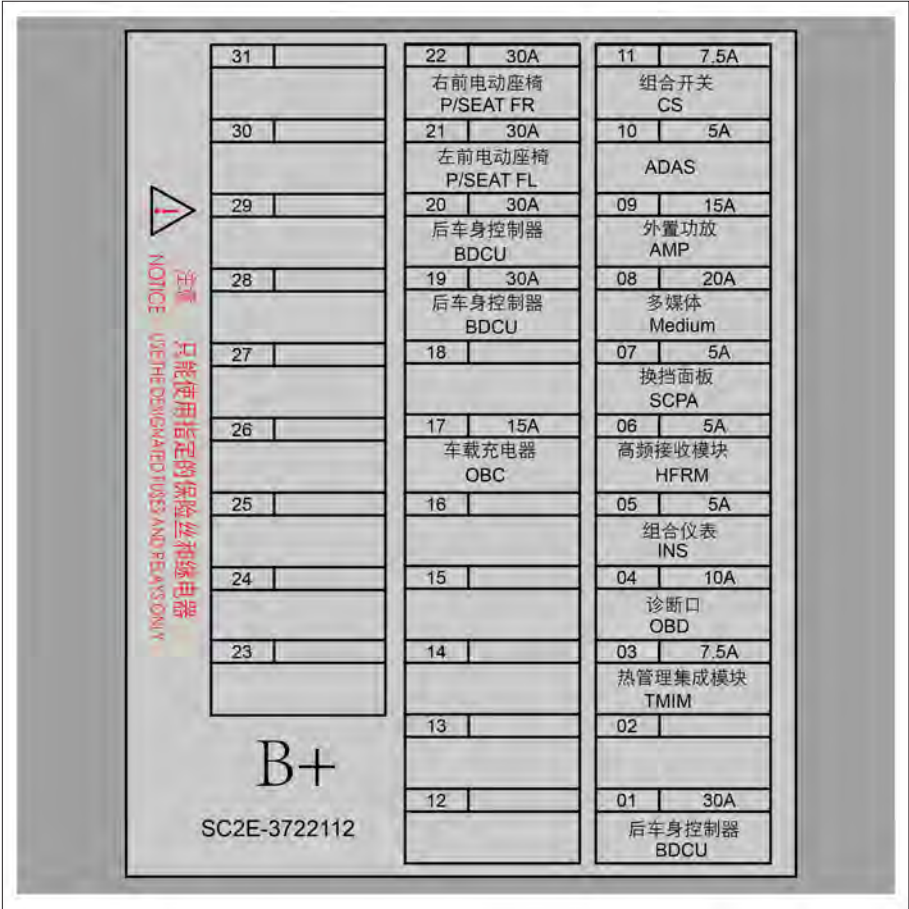


No.	Ampere (A)	Protected Component or Circuit
F1	60	PTC3
F2	-	-
F3	-	-
F4	-	-
F5	-	-
F6	-	-
F7	-	-
F8	-	-
F9	15	HV all-in-one controller
F10	-	-
F11	-	-
F12	7.5	Electric compressor

No.	Ampere (A)	Protected Component or Circuit
F13	-	-
F14	-	-
F15	5	Brake light switch
F16	60	PTC2
F17	-	-
F18	30	PTC1
F19	-	-
F20	30	Rear windshield defroster
F21	30	Front wiper
F22	-	-
F23	15	Auxiliary power
F24	15	USB
F25	10	USB
F26	-	-
F27	15	Auxiliary power
F28	15	USB
F29	-	-
F30	60	ESC
F31	-	-
F32	-	-
F33	15	HV all-in-one controller
F34	-	-
F35	5	Rear body control module
F36	-	-
F37	7.5	ETC
F38	10	SRS
F39	5	ADAS

No.	Ampere (A)	Protected Component or Circuit
F40	-	-
F41	5	EPS
F42	5	ESC
F43	-	-
F44	60	ESC
F45	40	Blower
F46	-	-
F47	-	-
F48	10	Rear Wiper
F49	200	Battery
F50	70	C-EPS
F51	-	-
F52	-	-
F53	60	Electric fan

Dashboard PDB Nameplate



No.	Ampere (A)	Protected Component or Circuit
01	30	Rear body control module
02	-	-
03	7.5	Integrated thermal management module
04	10	Diagnosis port
05	5	Instrument cluster
06	5	High-frequency receiving module
07	5	Gearshift panel
08	20	Infotainment system

No.	Ampere (A)	Protected Component or Circuit
09	15	External amplifier
10	5	ADAS
11	7.5	Combination switch
12	-	-
13	-	-
14	-	-
15	-	-
16	-	-
17	15	On-board charger
18	-	-
19	30	Rear body control module
20	30	Rear body control module
21	30	Left front power seat
22	30	Right front power seat
23	-	-
24	-	-
25	-	-
26	-	-
27	-	-
28	-	-
29	-	-
30	-	-
31	-	-

REMINDER

- Different vehicle configurations have some different fuse amperages (such as infotainment). Maintenance and replacement should be based on the actual object.

07

WHEN FAULTS OCCUR

When Faults Occur180

When Faults Occur

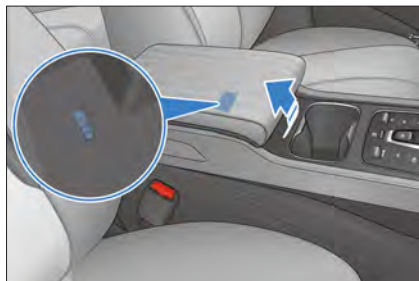
If Smart Key Battery is Exhausted

If the smart key indicator does not flash and the vehicle cannot be started using the start function, the smart key battery may be exhausted. It is recommended to contact a BYD authorized dealer or service provider for battery change as soon as possible. In this case, you may start the vehicle in no power mode.

CAUTION

- Do not expose the key to high temperatures.
- Protect the key from impact.
- Keep the key away from magnetic fields.
- When doors are locked and the vehicle is in anti-theft mode, keep the key away from the vehicle, as the vehicle's automatic card search function will drain the low-voltage battery power.

1. Use the mechanical key to unlock the vehicle.
2. Press the brake pedal and the START/STOP button. The smart key warning light comes on and the speaker in the vehicle gives a beep.
3. Keep the electronic smart key close to the no-power mode sign within 30 seconds after the speaker beeps. Then the smart key warning light goes off, and the vehicle can be started within five seconds.



Emergency Shutdown System

- The emergency shutdown system is activated and the high-voltage system is automatically shut down when the following conditions are met:
 - Airbags do not deploy after a frontal collision.
 - There is a rear collision.
 - The vehicle system is faulty.
- If any of the above collisions and vehicle system failures occur, the OK indicator goes off.
- Activating the emergency shutdown system in the noted types of collision minimizes the risk of injuries or accidents.
- Once the emergency shutdown system is activated, the vehicle system cannot be switched into OK status. In that case, contact a BYD authorized dealer or service provider for help. Even if the ignition switch is set to the OK position, the system will be turned off immediately. Contact a BYD authorized dealer or service provider as soon as possible.

Vehicle Fire Rescue

In case of fire, continue to operate the vehicle as follows according to the actual situation:

1. Switch the ignition off, and leave the vehicle.
2. On the precondition that personal safety is ensured, if the fire is small and slow, use a dry powder fire extinguisher to put out the fire, and call for help immediately.
3. If the fire is large and growing quickly, stay away from the vehicle and call the fire brigade, informing them that the vehicle is equipped with a high-voltage battery pack, and wait for rescue.



CAUTION

- Wear insulated gloves during vehicle disassembly. Use fire extinguishers of designated type. Water or incorrect fire extinguishers may cause electric shock.
- In the event of other special conditions that cause flying projectiles (such as interior trims, glass, etc.), please stay away from the vehicle and promptly ask a BYD authorized dealer or service provider to go to the site for handling.

Battery Leakage Rescue

After a collision, if there is battery leakage, an acrid smell inside the vehicle, visible acid flow outside the vehicle, or any smoke with the battery pack:

1. Switch the ignition off, and disconnect the low-voltage battery if conditions permit.
2. Call a BYD authorized dealer or service provider and the fire brigade, informing them that the vehicle is equipped with a high-voltage battery pack, and wait for rescue.

If a Collision Occurs

In case of collision, operate the vehicle as follows according to the actual situation:

1. Switch the ignition off, and disconnect the low-voltage battery in the engine compartment if conditions permit.
2. Call immediately a BYD authorized dealer or service provider for rescue.
3. Carry out a simple inspection, if conditions permit: Check whether any edge of the high-voltage battery tray is cracked and whether any obvious liquid flows out.
 - Damage to high-voltage components is not identifiable in all cases. Do not handle damaged components or touch them with jewelry or other metal objects.
 - If skin comes in contact with leaked fluid, wash it immediately with plenty of water for 10-15 minutes. If there is still any discomfort, apply 2.5% calcium gluconate ointment, or soak in 2% to 2.5% calcium gluconate solution. If the condition does not get better or discomfort persists, seek medical help immediately.
 - Do not touch the orange high-voltage cables or other high-voltage components. Only authorized repair personnel is allowed to work on high-voltage systems.
 - Do not damage, modify, disassemble, or disconnect the orange high-voltage cables from the high-voltage grid.
 - Inform the firemen and rescue personnel that the vehicle is equipped with a high-voltage battery pack.

! WARNING

- Do not touch any spilled liquid, and stay away from a leaking vehicle or high-voltage battery.
- Do not dispose of the leaked fluid into the water or soil or other environment.
- The vehicle system operates with high-voltage DC power. It generates a lot of heat before and after vehicle start-up and when the vehicle is powered off. Watch out for high pressures and high temperatures.
- Do not disassemble, move, or alter high-voltage battery components and connecting cables as their connectors can cause serious burns or electric shock and may result in personal injury or death. The orange cables are part of high-voltage wiring harness. Users must not repair the vehicle's high-voltage system by themselves. If any repair is required, it is recommended to go to a BYD authorized dealer or service provider for repair.
- The remote control key and high-voltage components of the vehicle may affect and harm people carrying medical devices.

If the Vehicle Needs Towing

If the vehicle needs to be towed, contact a BYD authorized dealer or service provider, a professional towing service, or a roadside assistance service, if there is prior membership.

! WARNING

- The vehicle must not be towed by other vehicles using only ropes or chains.

Common towing methods include:

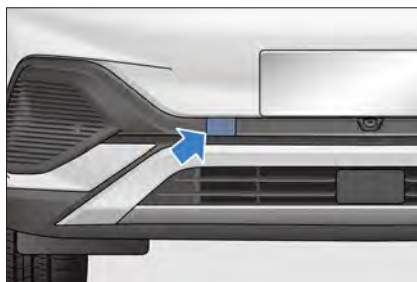
- Flatbed trailer
 - When the vehicle is faulty and needs towing, a flatbed trailer is the best choice. There may be damage to high-voltage components if one of the front wheels touches the ground.



Tow Hook

The installation position of vehicle towing hook is as shown.

1. Pry it open with a cross screwdriver.
2. Intall the tow hook in the tow hole.



! REMINDER

- Towing the vehicle with a tow hook is not recommended. You'd better contact a professional towing service or the organization you joined for roadside assistance.
- Only the in-vehicle tow hook can be used. Otherwise, your vehicle will be damaged.

If a Tire Goes Flat

- In case of a flat tire, slow down, keep straight and move off the road to a safe place.
- Park on solid, flat ground and avoid highway forks.
- Pull the EPB switch and press the "P" button.
- Power off the vehicle and turn on the hazard warning light.



- All passengers on-board must leave the vehicle to a safe location away from heavy traffic.
- To prevent slipping, secure the vehicle by wedging the tire diagonally against the flat tire.

! CAUTION

- Do not continue driving the car with a deflated tire. Driving even a short distance can cause too severe damage for the tire to be repaired.

In-Vehicle Tools

The in-vehicle tools are stored in the toolkit under the trunk cover.

In-vehicle tools include: Warning triangle, reflective vest, wheel nut cover removal clamp, tire repair device, towing hook, and other tools.



! REMINDER

- If the vehicle breaks down and an emergency stop is needed, promptly put on the reflective vest.

Placing warning triangle

! REMINDER

- When parking for repair, remember to place the red triangle side facing oncoming vehicles, 100-200 m away from the vehicle.

The warning triangle is important to alert oncoming vehicles and prevent accidents.

Warning triangle use

1. Remove it from its box.
2. Attach the ends to form a triangle.
3. Mount the supports as shown.



Automatic Tire Sealant*

- The tire sealant is used to seal small cuts, especially tread cuts or punctures. It is just an emergency solution for driving to the nearest service provider, and only for short emergency stretches, even if the tire is not deflated.

WARNING

- At most, the tire sealant can repair holes within 6 mm in diameter. If the diameter is larger than 6 mm or the hole is in another position on the tire, do not use this product. Call for roadside assistance.
- Tire sealant is highly flammable and harmful to health. Take the necessary precautions to prevent fire and avoid contact with skin, eyes and clothing; keep away from children; and do not inhale its vapor.

When coming into contact with tire sealant:

- If the tire sealant comes into contact with the skin or gets into the eyes, thoroughly rinse the affected body part immediately with plenty of clean water.
- Change contaminated clothing immediately.

WARNING

- In case of an allergic reaction, seek medical attention immediately.
 - If tire sealant is ingested, rinse mouth thoroughly and drink plenty of water immediately. Do not induce vomiting; seek medical attention immediately.
-
- For further information, refer to the manual supplied with the automatic inflating tire sealant, or scan the QR code on the manual to view the operation video.

REMINDER

- Using tire sealant on damaged tires is only an emergency repair method. Please go to a professional maintenance center to replace the tire as soon as possible. Contact a BYD authorized dealer or service provider, and inform the maintenance technician that tire sealant has been used.
- Quick acceleration and turning at higher speeds must be avoided.
- Do not exceed the 80 km/h maximum speed limit. While driving, if the vehicle vibrates strongly, the driving performance is unstable or there is noise, stop driving.
- When the tire sealant is about to expire (see the label on the can for the exact date), replace it with a new one.
- After using the tire sealant, buy a new one at a BYD authorized dealer or service provider.

08

SPECIFICATIONS

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Data Information

Vehicle Data

Vehicle Data

Dimensions:

Item	Parameter
Length (mm)	4455
Width (excluding side mirrors)	1875
Height (mm)	1615
Wheelbase (mm)	2720
Front track (mm)	1575
Rear track (mm)	1580
Front overhang (mm)	888
Rear overhang (mm)	847
Approach angle (°)	19
Departure angle (°)	24

Vehicle mass:

Item	Parameter
Curb weight (kg)	1750
Max allowable total mass (kg)	2160
Front axle load at max. allowable total mass (kg)	1070
Rear axle load at max. allowable total mass (kg)	1110
Number of occupants (persons)	5

Drive motor:

Item	Parameter
Model	TZ200XSQ
Type	Permanent magnet synchronous motor

Item	Parameter
Drive type	Front-wheel drive
Rated power/revolving speed/torque (kW/RPM/N•m)	65/4433/140
Peak power/revolving speed/torque (kW/rpm/N•m)	150/4620/310

Power performance:

Item	Parameter
Max. design speed (km/h)	160
Max. gradeability (%)	30

Vehicle economy:

Item	Parameter
Power consumption per 100 km under comprehensive working conditions (kWh/100 km)	≤16
Driving range under comprehensive working conditions (km)	420



CAUTION

- Actual power consumption depends on factors such as vehicle conditions, road conditions and driving habits.

Wheels and tires:

Item	Parameter
Tire specification	235/50R18; 215/55R18
Tire pressure (kPa)	250
Wheel dynamic balance requirement (g)	≤10

Wheel alignment values (at curb weight):

Item	Parameter
Front wheel camber (°)	-0.9±0.75
Total front wheel toe-in (°)	0.116±0.16

Item	Parameter
Kingpin inclination angle (°)	11.47 ± 0.75
Kingpin caster angle (°)	3.23 ± 0.75
Rear wheel camber (°)	-1.07 ± 0.5
Total rear wheel toe-in (°)	0.17 ± 0.2

Braking system:

Item	Parameter
Free stroke of brake pedal (mm)	≤ 5
Reasonable thickness range of front brake disc (mm)	24~26
Reasonable thickness range of rear brake disc (mm)	10~12
Reasonable thickness range of front brake lining (mm)	2~8
Reasonable thickness range of rear brake lining (mm)	2~6.5

High-voltage battery

Item	Parameter
Type	Lithium iron phosphate battery
High-voltage battery rated capacity (AH)	150

Fluid:

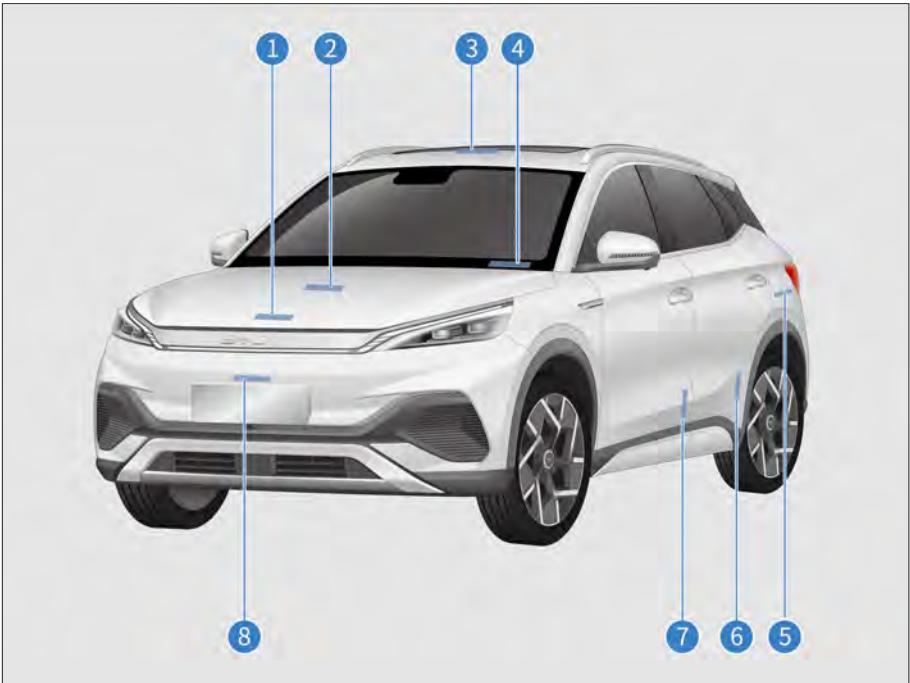
Item	Parameter
Gear transmission oil type	Castrol BOT384 (recommended), Castrol ON D2
Gear transmission oil amount (mL)	600 ± 50
Motor coolant type	Glycol organic acid coolant -25/-40
Motor coolant amount (L)	3.2 ± 0.5
Brake fluid type	DOT4 or HZY6
Brake fluid amount (mL)	1050 ± 50

Seats (when measuring cushion depth):

Item	Parameter
Seatback angle set for front seats	23°
Front and rear seat positions set for front seats	200 mm forward and 60 mm backward from designed position; slide rail inclination: 4.5°
Normal service conditions of front seatbacks	Seatback 22.5° forward and 52.5° backward from the designed position
Seatback angle set for rear seats	27°
Front and rear seat positions set for rear seats	Design condition, not adjustable (lay down when unlocked)
Normal service conditions of seatbacks	27°

Vehicle Identification

Vehicle Identification Number (VIN)



- ① Attached on the gearbox
- ② Attached on the sheet metal surface inside the hood
- ③ Attached on the lower right side of the trunk sheet metal
- ④ Attached on the VIN slot on the upper cover of the left front windshield cross sill

⑤ Attached on the sheet metal clad of the left rear wheel envelope

⑥ Attached on the sheet metal surface inside the left rear door sill

⑦ Attached on the sheet metal surface at the lower left corner of the front left door

⑧ Attached on the sheet metal surface of the front anti-impact beam

VIN is engraved on the lower beam of the front right seat.



Note: After connecting the VDS, the VIN can be found in the upper right corner of the screen for the corresponding model. For details, please refer to the VDS operation manual.

Vehicle Nameplate

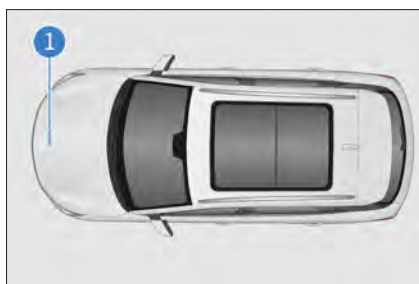
The vehicle nameplate is attached to the metal sheet surface below the right B-pillar and contains the following information:

Company name, brand, country of manufacture, vehicle model, seating capacity, year and month of manufacture, drive motor model, peak power of drive motor, rated voltage of high-voltage battery system, rated capacity of high-voltage battery system, VIN, and maximum allowable total mass.



Model and Serial Number of Drive Motor

① The model and number of the drive motor are located near the lock ring right under the hood.



Information

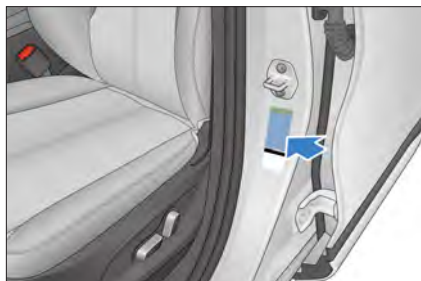
Warning Labels

① A/C system and cooling fan label

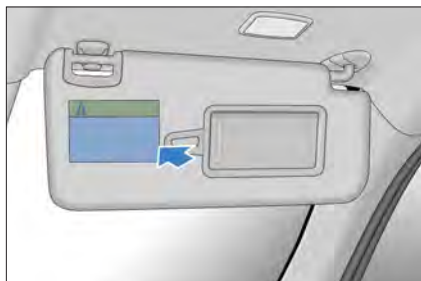
② Battery position label



Side airbag warning labels are affixed to the lower parts of the left and right B-pillar lock rings.



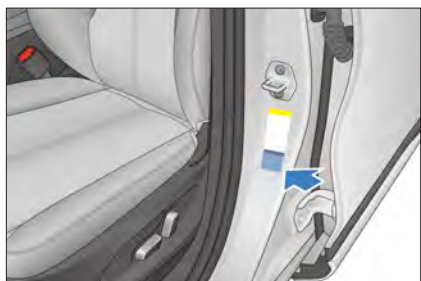
Airbag warning labels are printed on the front and back of the right sun visor.



WARNING

- Never use a rearward facing child restraint on a seat protected by an active airbag in front of it.
- Death or serious injury to the child can occur.

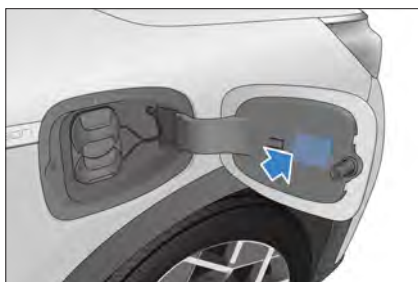
The tire pressure label is affixed to the lower part of the left B-pillar lock ring.



The child protection lock label is engraved on the metal sheet surface on the left/right rear door.

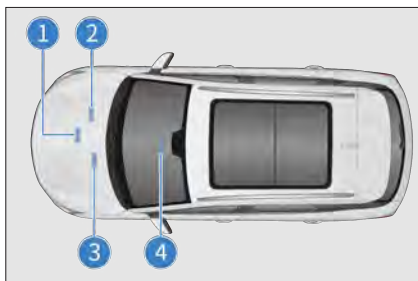


The charging connector use tip label is attached to the inner surface of the charge port door.



- High-voltage label

- ① Attached on the upper safety cover of powertrain power controller, and small cover of motor rear bracket.
- ② Attached on the AC charging cable in the engine compartment;
- ③ Attached on the distribution wire.
- ④ Attached on top of the front seal cap of battery pack.



Transponder Mounting Position

The transponder mounting position is located in the upper right of the front windshield.



⚠ CAUTION!

- While affixing the electronic labels, do not overlap them with any glass frame or other object.

Declarations of Conformity

Smart Key



Brazil

Model: D0-92/D1-92

This equipment is not entitled to protection against harmful interference and may not cause interference to duly authorized systems.



Uzbekistan

Model: D0-92/D1-92



EU countries

Model: D0-92/D1-92

FCC ID: 2A5DH-DAEA-92

The United States

Model: D0-92/D1-92



Japan

Model: D0-315/D1-315

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Abbreviations List

Abbreviations

Terminology	Name	Terminology	Name
ECU	Electronic Control Unit	AVH	Auto Vehicle Hold
EPB	Electronic Parking Brake	VDC	Vehicle Dynamics Control
TCS	Traction Control System	HHC	Hill Hold Control
HBA	Hydraulic Brake Assit	CDP	Controller Deceleration Parking
HDC	Hill Descent Control	MAX	Maximum
MIN	Minimum		

BUILD YOUR DREAMS