

Foreword

Thank you for choosing BYD. To correctly use and maintain your BYD vehicle, please read through this manual carefully before use and keep it properly.

Special instructions: BYD Auto Industry Co., Ltd. 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 thereby will not be covered by the warranty. In addition, modifications to vehicles may also violate national laws and regulations and local government rules.

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

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.

Tip

Items that must be observed to facilitate maintenance, etc.

Note

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 to indicate an operation that should not be performed or an event that should not happen.

The descriptions marked with the asterisk (*) in this manual are specific to some model configurations, and applicable only when the vehicle has these configurations. The picture used is taken from one of these configurations. If there is any difference from the vehicle you purchased, refer to the actual vehicle.

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 dealer who sold the product to you.

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Overview of BYD HAN EV Passenger Car

BYD HAN EV is a pure electric passenger car featuring new energy and new power that is built to be environmentally friendly. The integration of its load-bearing body with the power battery pack fully ensures the safety of the battery and the entire vehicle.

HAN EV is driven by electric motors across various working conditions, and therefore has zero emissions.

Being a pure electric vehicle, the BYD HAN EV features very low noise inside and outside, providing an exceptional driving and riding experience unmatched by any fuel vehicle.

Its lithium iron phosphate batteries have been tested for high temperature, high pressure, impact and other factors, showing excellent safety performance.

The safety of the high-voltage system has been a priority in this vehicle's design, so that the driver and passengers are protected in case of a collision.

The battery management unit continually monitors power batteries and adjusts their output according to the voltage, current, and other performance indicators of each battery, 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 180 kW and 200 kW* motors provide HAN EV with high speed, high torque, and powerful start-up acceleration.

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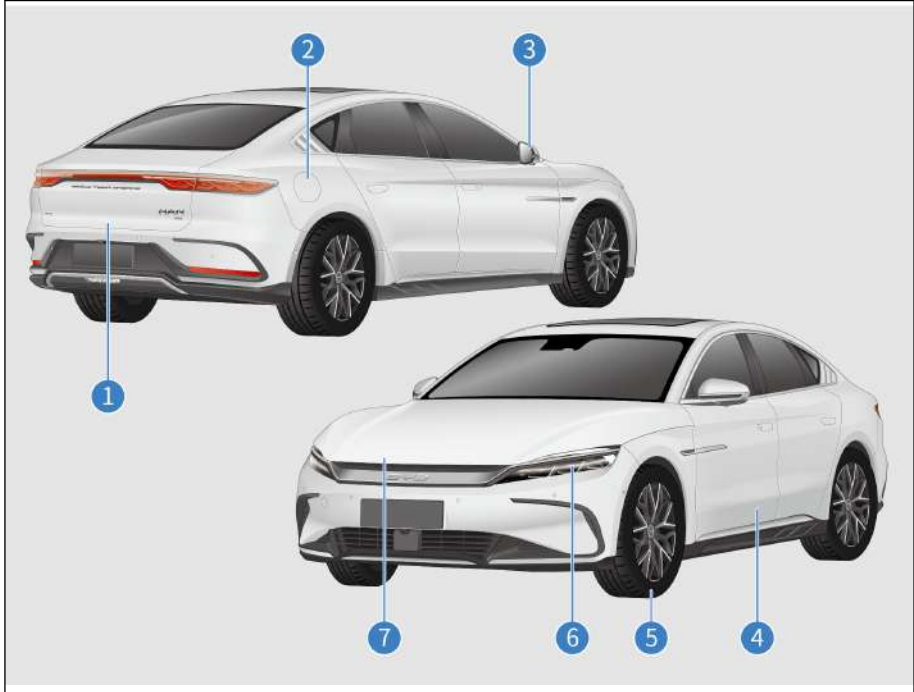
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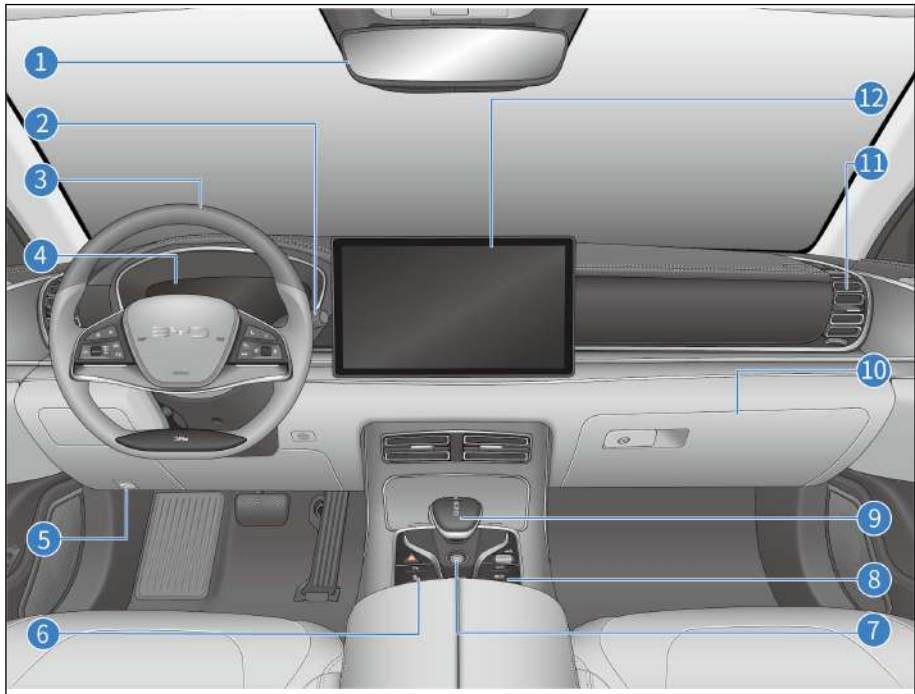
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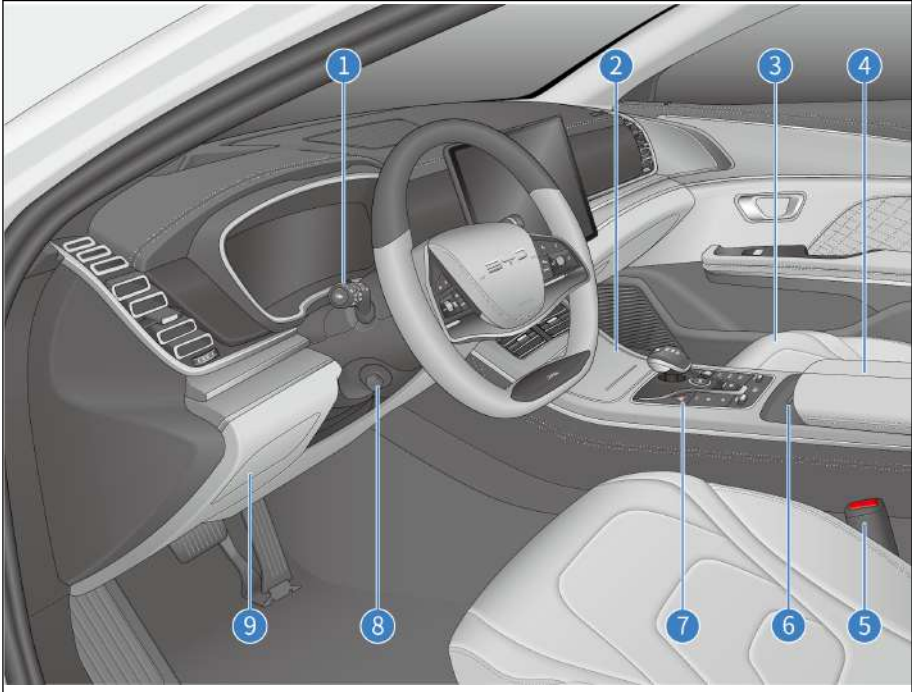


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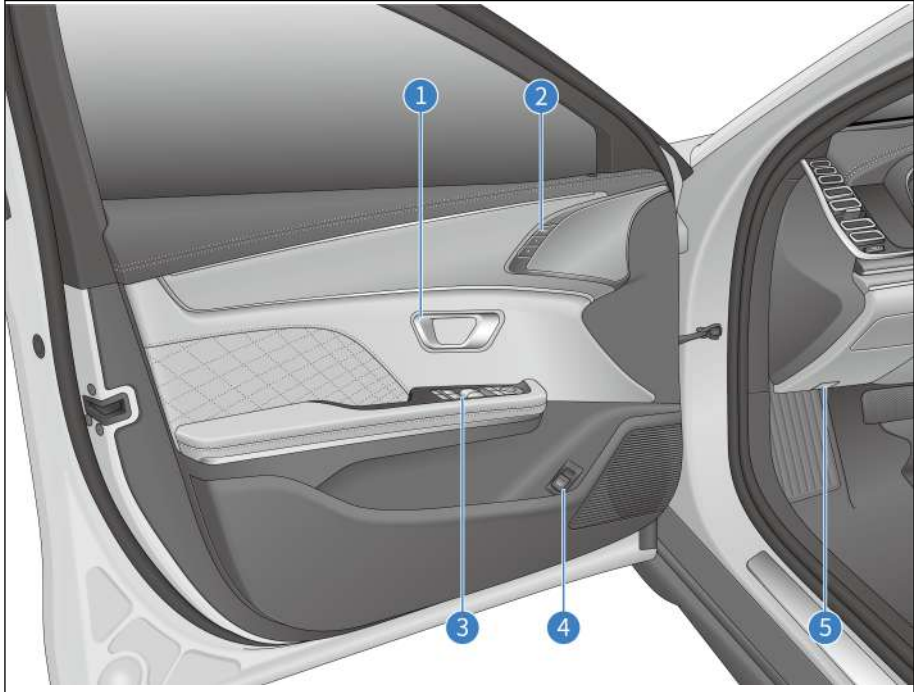


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Safety

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Introduction to 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.

Note

- Always have the seat belts fastened while the vehicle is in motion.
 - Before driving, make sure that all occupants have properly fastened their seat belts. Otherwise, the occupants are more prone to serious injuries or even life threats in the event of emergency braking or collision.
 - Seat belts are designed primarily for adults and are not intended for children. Make sure the child restraint system (CRS) is chosen according to your child's age and size (see section [Child Restraint System \(CRS\)](#) for details).
 - If a seat belt is damaged or malfunctions, contact a BYD authorized dealer or service provider for confirmation and handling. Until then, please do not use the corresponding seat.
-
- BYD has highly emphasized that driver and occupants should always fasten their seat belts while in the vehicle. Failure to do so will increase the likelihood of harm or serious injury in the event of an accident.
 - It is recommended that children be seated in rear seats and always use seat belts and a suitable CRS. In emergency braking or collision, unprotected children may be seriously injured and their lives may be endangered. Likewise, do not allow children to ride on someone's lap. This will render the children not adequately protected.

Seat Belt Emergency Locking Retractor (ELR) Function

- During the sharp turn, emergency braking and collision process, 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 a severe front collision occurs and the triggering conditions of the pretensioner are met, the pretensioner quickly retracts part of the seat belt and locks it to improve the protection of the occupant. The force limiter limits the seat-belt restraint force to the occupant's body to a certain extent so as to avoid injury to the occupant due to an excessive restraint force.

Seat Belt Pretensioning by Motor*

The seat belt automatically retracts in a hazardous situation to effectively secure the driver and passengers, and automatically returns to its relaxed state after the hazardous situation is resolved.

Webbing pretensioning

When the vehicle is started and the occupants fasten their seat belts, the motor drives the webbing to retract to reduce the possible excessive slack of seat belts.

i Tip

- Do not pull out the belt webbing forcibly during motor start-up, otherwise, the motor will not disengage. If that happens, pull out the webbing with a greater force and insert the buckle for pretensioning.
- After the motor performs seat belt pretensioning, adjust the seat belt if it is too tight.

High-speed pretensioning

The motor is activated in advance to retract the webbing in a pretensioning manner in case of hazardous situations, such as emergency braking, front collision, rear collision, side collision, to minimize the impact damage to occupants.

i Tip

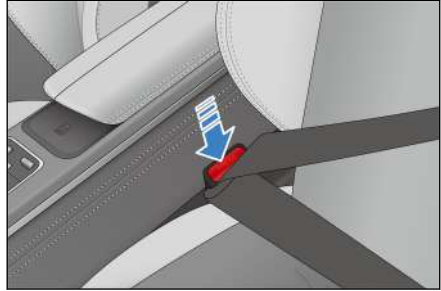
- If the seat belt cannot be released, move the seat back slightly backwards until the tension of the seat belt decreases and the locking mechanism unlocks.

Using Seat Belts

1. Adjust the seat position and backrest angle. (See [Electrical Front Seat Adjustment*](#))
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.

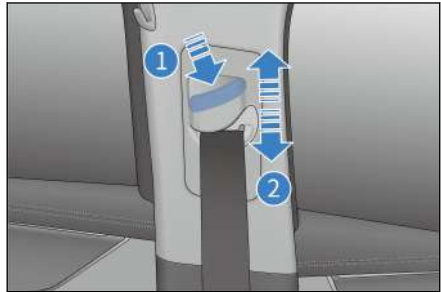


3. Insert the latch plate into the buckle until a "click" is heard, then pull it back to make sure it is firmly locked. Do not fasten the belt with any part of the strap twisted.



4. The height of the front seat belts can be adjusted for optimum comfort and protection.

- ① Press the release button.
- ② Move the adjuster up or down to the intended position. Release the button to lock the adjuster.



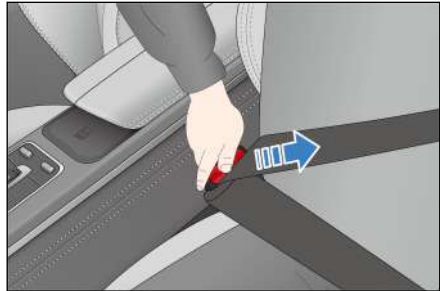
5. Pull the belt firmly to verify that it is locked.

i Tip

- In order to ensure the seat belt provides due protection and prevents injury, the belt should cross over the middle of the occupant's shoulder, be kept away from the neck, and not easily slip off.
- The lap belt should be as low across the hips as possible, to avoid the seat belt tightening on the abdomen and injuring the passenger in the event of an accident.
- For proper protection, the seat belt must be in permanent contact with the occupant's body.

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.



⚠ Note

- Each seat belt must be used by only one person at a time. Please do not share one seat belt between two or more passengers, not even if they are children.
- Avoid traveling with the seat back leaning too far back. The more upright the seat back, the better the protection.
- In order to prevent damage, do not let any part of the seat belt get caught in the door or rear seat.
- Check all the vehicle's seat belts for chafing, wearing out, loosening or any other issues. 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.
- 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 their seat belt with the correct method just as other passengers. Particularly, be sure to position the lap belt portion of the seat belt as low across the hips as possible, to prevent serious injury.

⚠ Note

- The rear seat belts' fastening method is the same as the front's. For proper protection, make sure the latch is inserted in its corresponding buckle. It is the driver's responsibility to remind passengers to fasten seat belts properly.
- In order to prevent damage, do not insert any foreign object into the buckle.

Unfastened Seat Belt Reminder Function

If the driver, front passenger and rear passengers fail to fasten their seat belts after the vehicle is started, a visual and sound alarm will go off until the corresponding seat belt has been properly fastened.

- Unfastened seat belt indicator

When any seat belt is not fastened, the unfastened seat belt indicator flashes.

- Display of unfastened belt's seat

When a seat belt is not fastened, the indicator for the corresponding seat will light up and remain on in case of abnormal conditions in the vehicle.

- Unfastened seat belt reminder for front passenger

If any vehicle occupant fails to fasten their seat belt after the vehicle is started, the unfastened seat belt indicator will light up and the indicator displayed for the corresponding seat will be on. When the seat belt is still not fastened while driving, an audio alarm will be given to remind the driver and occupants in addition to the unfastened seat belt indicator being on.

- Unfastened seat belt reminder for rear passengers

With the ignition switch on OK, if any occupant in rear seats fails to fasten their seat belts, the unfastened seat belt indicator will light up and the indicator displayed for the corresponding seat will be on. With the vehicle in motion, when only rear seats are loaded with occupants and the occupants fail to fasten their seat belts, only the unfastened seat belt indicator will be on and no audio alarm will be given.

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

***i* Tip**

- If any fault is found, contact a BYD authorized dealer or service provider for confirmation and handling. Until then, do not use the corresponding seat.
- It is imperative that all vehicle occupants have their seat belts fastened when the vehicle is in motion, otherwise they will be under serious risk of injury or even casualty in case of an accident.

Introduction to Airbags

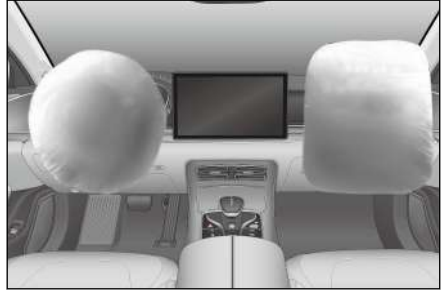
- The airbag system is a part of auxiliary restraint system and also a supplement to seat belts. When the vehicle is involved in a serious collision and the airbag system meets its deployment conditions, relevant airbags will rapidly deploy and, along with seat belts, provide additional protection for 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 front passenger airbag and a front passenger knee airbag, while the side airbags include seat side airbags and side curtain airbags.
- The airbag system can not replace seat belts, because it just belongs to one part of the vehicle's passive safety system. The system must be used with the fastened seat belts to maximize its protection.

Tip

- 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.
- Do not use a seat cover, as it will restrict airbag deployment on the corresponding side in an accident.
- Do not place anything between the side airbag and the occupant.
- 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 the passengers from dangers. Contact a BYD authorized dealer or service provider to carry out testing.

Driver and Front Passenger Airbags

This vehicle is equipped with driver and front passenger airbags. When the airbag system electronic control unit (ECU) detects a moderate to severe front impact, 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 seatbelt 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 is heard when the airbag deploys. It does 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.

Knee Airbags

If the vehicle you purchased is equipped with a knee airbag (located inside the lower trim of the dashboard), when the airbag system ECU detects a moderate to severe front impact while driving and the triggering conditions are met, the knee airbag will deploy to help protect the legs and knees of occupants to reduce the extent of injury.



1

Safety

Seat Side Airbags

If the vehicle you purchased is equipped with seat side airbags (mounted on the outside of seat back, marked with "AIRBAG" at both sides), when the vehicle gets a moderate to severe side impact while driving and the triggering conditions are met, the seat side airbags will deploy to help protect the chest of the occupant on the collision side to reduce the extent of injury.

Front passenger side airbags



Rear passenger side airbags



i Tip

- When the system deployment conditions are met in a side collision, the airbag on the side of collision will deploy.
- For optimal side airbag protection, occupants must have their seat belts fastened and sit upright against the seat back.

⚠ Note

- Do not wet seat backs, to prevent the side airbag system from malfunctioning.
- Do not cover or replace seat back covers on your own. Unsuitable seat back covers may prevent airbag deployment.

Side Curtain Airbags

- The vehicle you purchased is equipped with left and right side curtain airbags (installed at the junction of the body side trim and the ceiling and marked with "CURTAIN AIRBAG" on the A-pillar trim, B-pillar trim, and C-pillar trim, as shown in the illustration).



- When the ECU detects a moderate-to-severe side impact while driving and the curtain airbag triggering conditions are met, the side airbag quickly deploys to protect the heads of passengers on the impacted side, reducing their injuries.

i Tip

- When a side impact occurs, generally only the airbag on the impacted side deploys.
- To receive the optimum protection from the curtain airbags, passengers must fasten their seat belts and sit in an upright position against the seat backs.

1

Safety

Airbag Triggering Conditions and Precautions

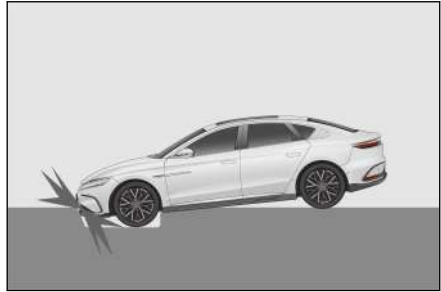
Airbag Triggering Conditions

- 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 that case, the driver and passengers are protected normally 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 Where Airbags May Be Deployed

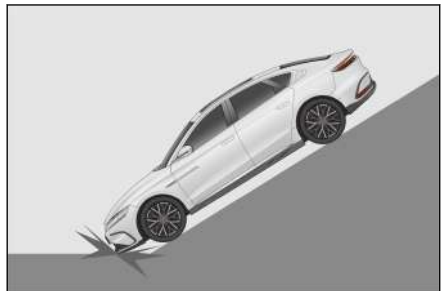
The vehicle's nose hits the ground when crossing a deep groove.



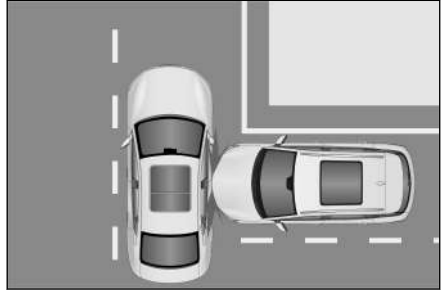
The vehicle hits a bump or curbstone.



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

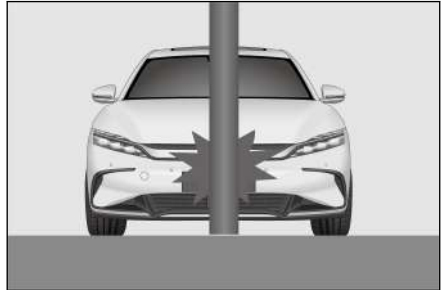


One side of the vehicle is hit by another vehicle.



Cases Where Airbags May Not Be Deployed

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



The vehicle goes under a truck or another large vehicle.

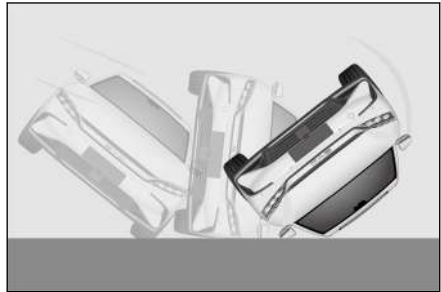


32 1-2 Airbags

The tail of the vehicle is hit by another vehicle.



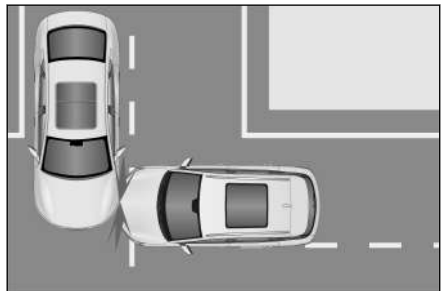
The vehicle rolls over.



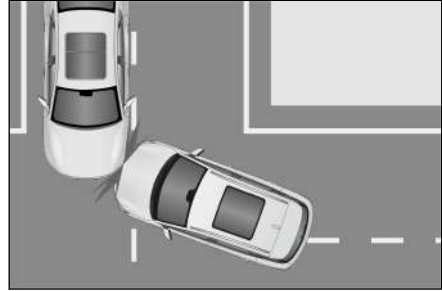
The vehicle hits a wall or a vehicle at a side other than the front side.



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, if 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.


⚠ Warning

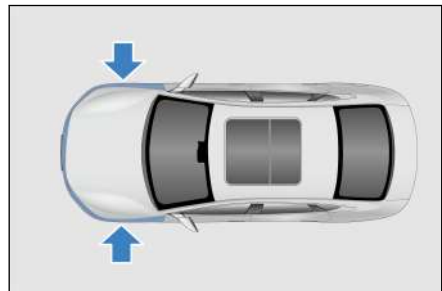
- A child is not to be seated in the front passenger seat, nor are they to ride sitting on a front passenger's lap, to prevent serious injury or even casualty caused by airbag deployment.
- No accessories, such as telephone holders, cups, ashtrays, may be installed on airbag covers or within their action range. Otherwise, airbag deployment will increase the risk of injury in an accident.
- 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 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 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 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.
- 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.

⚠ Warning

- 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 violate 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.

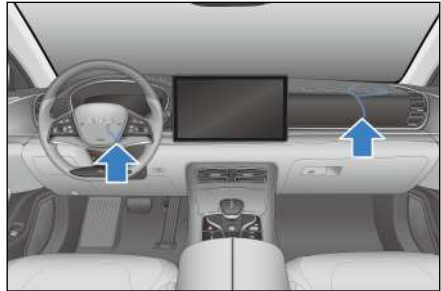
It is recommended that you contact a BYD authorized dealer or service provider immediately if any of the following situations occurs.

- The airbag has deployed.
- The airbag warning light  on the instrument cluster is abnormally on.
- The front airbags do not deploy in a collision with the front of the vehicle (the shaded portion as shown).



36 1-2 Airbags

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



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

Child Restraint System (CRS)

Select a suitable child restraint system for your child's weight and stature.

- Select an appropriate CRS for your child. Children who are too big to use a CRS, should sit in the rear seat and use seat belt.

When CRS is not used

- Properly secure the CRS on the seat. Do not place the CRS on the passenger seat or in the trunk without securing it.

⚠ Note

- A child must be protectively restrained by a seat belt or CRS depending on the child's age and size, so as to provide effective protection for the child in the event of an accident or emergency stop. Holding a child in your arms is no substitute for the role of a CRS. In an accident, the child may smash into the windshield or be squeezed between you and the car frame.
- Please install the CRS correctly according to the installation instructions provided by the CRS manufacturer. Otherwise, in the event of an emergency stop or accident, this may result in serious or even life-threatening injury to the child.

i Tip

- BYD Auto strongly recommends that you use a CRS. Some studies have shown that it is safer to install the CRS in the rear seat than in the front seat.
- Always follow the detailed instructions provided by the CRS manufacturer. Make sure the CRS is tightly fastened on a rear outboard seat.
- Secure the top straps when installing the CRS.

Installing CRS

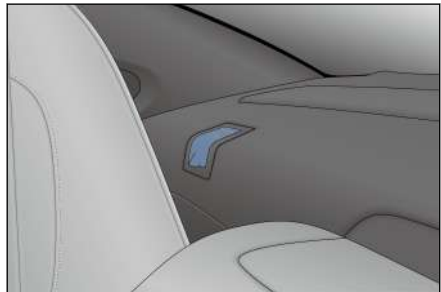
Follow the installation instructions provided by the CRS manufacturer. Secure the CRS to the rear outboard seat.

Installing CRS with ISOFIX Steel Anchorage

A special anchorage is provided on the rear outboard seat, and it will only be visible after opening its decorative cover (the label showing the anchorage is attached to the seat).



Anchor supports (for the top strap) are provided at the rear outboard seat.



i Tip

- Secure the top straps when installing the CRS.

■ To install a CRS:

1. Open the decorative cover of the anchorage and install the CRS to the seat.



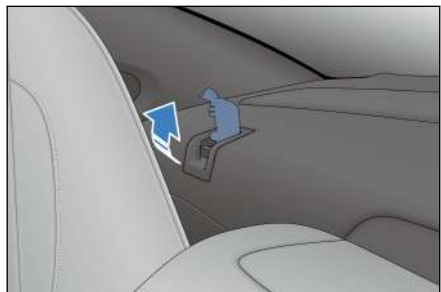
i Tip

■ The anchorage is located on the bevel at the rear end of the seat cushion. The child seat cover needs to be lifted to see the anchorage.

⚠ Warning

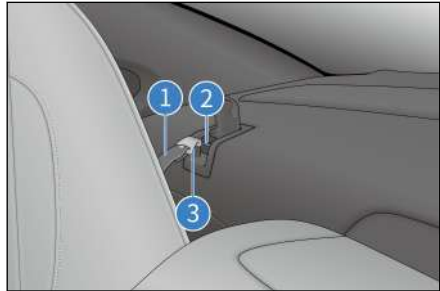
- When using the lower anchoring device, make sure that no foreign objects are around the anchoring device and that the seat belt is not stuck behind the child seat; make sure that the CRS is securely fixed, otherwise emergency parking or an accident may result in serious injury to the child or even death.
- Do not install a child seat on the front passenger seat.

2. Lift up the headrest and open the anchor support cover.



3. Fasten the snap hook to the anchor support and tighten the top strap to ensure the strap is buckled securely.

- ① Top Strap
- ② Anchor Support
- ③ Snap Hook



***i* Tip**

- If the CRS is equipped with a top strap, secure the strap to the anchoring device.

***⚠* Warning**

- Push/Pull the child seat in different directions to ensure it is securely installed.

- If the driver seat prevents proper installation of the CRS, it is recommended that the CRS should be installed to the rear right seat.

- Do not use a rear-facing CRS on the seat protected by a front airbag (in the active state), otherwise in the event of an accident, the impact of quick deployment of the front passenger airbag will result in serious injury or even be life-threatening to the child.



CRS Suitability of Seats

Weight Group	Seat (or Other Positions)		
	Front Passenger Seat	Rear Outboard Seat	Rear Middle Seat
Group 0	X	U	X

Weight Group	Seat (or Other Positions)		
	Front Passenger Seat	Rear Outboard Seat	Rear Middle Seat
(up to 10 kg)			
Group 0+ (up to 13 kg)	X	U	X
Group 1 (9~18 kg)	X	U/UF	X
Group 2 (15~25 kg)	X	UF	X
Group 3 (22~36 kg)	X	UF	X

Table definitions:

U: seat suitable for installing a universal CRS certified for this weight group

UF: seat suitable for installing a front-facing universal CRS certified for this weight group

X: seat not suitable for installing a CRS for this weight group

ISOFIX CRS Suitability of ISOFIX Seating Positions

Weight Group	Size	Fixed Module	Seat (or Other Positions)		
			Front Passenger Seat	Rear Outboard Seat	Rear Middle Seat
Carycot	F	ISO/L1	X	X	X
	G	ISO/L2	X	X	X
Group 0 (up to 10 kg)	E	ISO/R1	X	X	X
Group 0+ (up to 13 kg)	E	ISO/R1	X	X	X
	D	ISO/R2	X	X	X
	C	ISO/R3	X	X	X
Group 1 (9~18 kg)	D	ISO/R2	X	X	X

42 1-3 Child Restraint System (CRS)

Weight Group	Size	Fixed Module	Seat (or Other Positions)		
			Front Passenger Seat	Rear Outboard Seat	Rear Middle Seat
	C	ISO/R3	X	X	X
	B	ISO/F2	X	IUF	X
	B1	ISO/F2X	X	IUF	X
	A	ISO/F3	X	IUF	X

Note 1: For CRSs not identified with ISO/XX size classes (A~G), the vehicle manufacturer shall specify the in-vehicle ISOFIX CRS recommended for each seating position with respect to their applicable weight groups.

Note 2: Table definitions:

IUF: seat suitable for installing a front-facing universal ISOFIX CRS certified for this weight group

X: ISOFIX seating position not suitable for installing an ISOFIX CRS for this weight group and/or this size class

Anti-theft System

If the vehicle is in anti-theft state and any door is opened, the system will sound an alarm and the turn signals will flash to prevent the vehicle from being stolen.



1

Safety

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 sound an alarm in any of the following situations:
 - Any door, trunk lid or hood is unlocked without using the smart key access function.
 - 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.
 - Using the microswitch to unlock the door by carrying a valid smart key.

- Opening the trunk lid remotely with a valid smart key.
- Starting the vehicle remotely with a valid smart key.
- Pressing the Start/Stop button inside the vehicle by 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.



Event Data Recorder System

This vehicle is equipped with an event data recorder (EDR) system:

- The 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.
- The EDR records data associated with vehicle dynamics and safety systems in a short time (generally within five seconds).
- Depending on crash severity and type, data may not be recorded.
- Data details are as follows:

Data Element	Meaning	Purpose
Delta-V, longitudinal	Change in longitudinal vehicle velocity, which only represents the longitudinal component of the resultant delta-V	To analyze the change in velocity in the direction of forward vehicle travel at the adjacent time points before and after the crash event
Maximum delta-V, longitudinal	Maximum value of the cumulative change in velocity, as recorded by the EDR, of the vehicle along the x axis, which should be used in combination with "time, maximum delta-V, longitudinal"	To analyze the largest change in vehicle speed in the direction of forward vehicle travel before versus after the crash event occurred
Time, maximum delta-V, longitudinal	Time from time zero to the point where the maximum value of the cumulative change in velocity is found, as recorded by the EDR, along the x axis. to be used in combination with "maximum delta-V, longitudinal"	To analyze the time of the largest change in vehicle speed in the direction of forward vehicle travel, at the time when the crash event occurred
Service brake, on or off	Used to detect whether the brake pedal was depressed	To analyze whether the brake pedal was depressed at the time when the crash event occurred

Data Element	Meaning	Purpose
Vehicle velocity	Wheel linear velocity or vehicle velocity obtained from other sources	To analyze the vehicle velocity at the time when the crash event occurred
Vehicle identification number (VIN)	VIN specified by the vehicle manufacturer	To determine whether the EDR data is of the vehicle involved in the crash
Seat belt status, driver	Buckle switch status of the driver's seat belt	To analyze whether the driver had buckled up at the time when the crash event occurred
Engine throttle, percent full	Percentage of the actual position of the accelerator pedal compared to the fully-depressed position	To analyze the accelerator pedal (engine throttle) position at the time when the crash event occurred
Ignition cycle, crash	Number of power cycles applied to the ECU that records EDR data at the time when the crash event occurred since the first use of that ECU. An example of a ignition cycle is the ignition switch is turned from off/assistance mode to on/operation mode.	Number of power cycles applied to the ECU that records EDR data at the time when the crash event occurred since the first use of that ECU
Ignition cycle, download	Number of power cycles applied to the ECU that records EDR data at the time when the data was downloaded since the first use of that ECU. An example of a ignition cycle is the ignition switch turned from off/assistance mode to on/operation mode.	Number of power cycles applied to the ECU that records EDR data at the time when the data was downloaded since the first use of that ECU
Completeness of event data recording	Status identification indicating whether event data is completely recorded and	To verify the completeness of EDR data recorded

Data Element	Meaning	Purpose
	stored in the ECU that records EDR data	
Time from event X-1 to X	Elapsed time from time zero of event X-1 to time zero of event X, if two events occurred within five seconds	To analyze the time interval between the occurrence of two events
Hardware number of the ECU that records EDR data	ECU that serves as an EDR on a vehicle	To verify the information of the ECU that records EDR data
Serial number of the ECU that records EDR data	ECU that serves as an EDR on a vehicle	To verify the information of the ECU that records EDR data
Software number of the ECU that records EDR data	ECU that serves as an EDR on a vehicle	To verify the information of the ECU that records EDR data
Clipping identification	Time when (lateral and longitudinal) acceleration collected by the EDR first reaches the measuring range of sensors	To ensure the time accuracy of EDR recording
Longitudinal acceleration	Component of the vector acceleration of a point in the vehicle in the x-direction	To analyze the longitudinal acceleration at the time when the crash event occurred
Lateral acceleration	Component of the vector acceleration of a point in the vehicle in the y-direction	To analyze the lateral acceleration at the time when the crash event occurred
Delta-V, lateral	Change in lateral vehicle velocity, which only represents the component of the resultant delta-V in the y-direction	To analyze the lateral delta-V at the time when the crash event occurred
Maximum delta-V, lateral	Maximum value of the cumulative change in velocity, as recorded by the EDR, of the vehicle along the y axis, which should be used in combination with "time, maximum delta-V, lateral"	To analyze the maximum lateral delta-V at the time when the crash event occurred

Data Element	Meaning	Purpose
Square, maximum delta-V, resultant	Maximum value of the sum of the squares of longitudinal and lateral delta-Vs	To analyze the square of the maximum resultant delta-V at the time when the crash event occurred
Time, maximum delta-V, lateral	Time from time zero to the point where the maximum value of the cumulative change in velocity is found, as recorded by the EDR, along the y axis, which should be used in combination with "maximum delta-V, lateral"	To analyze the time to the maximum lateral delta-V at the time when the crash event occurred
Time, square, maximum delta-V, resultant	Time from time zero to the point where the maximum resultant delta-V is found, which should be used in combination with "square, maximum delta-V, resultant"	To analyze the time to the square of the maximum resultant delta-V at the time when the crash event occurred
Yaw rate	Change in angle of the vehicle relative to the z axis prior to and after the event, which is recorded as positive in the clockwise direction and is applicable to vehicles with an electronic stability control system	To analyze the stability of the electronic vehicle control system at the time when the crash event occurred
Steering angle	Angular coordinate of the steering wheel. On the coordinate, the zero value (0°) indicates that the steering wheel was in the middle position (vehicle traveling straight) and a positive value indicates that the steering wheel was turned anticlockwise (leftward). This data is applicable to vehicles installed with a steering angle sensor.	To analyze the status of the steering wheel at the time when the crash event occurred

Data Element	Meaning	Purpose
T end	End of the crash event. If the condition has not been met by the end of the recording cycle, T end can be defined as the moment of the data last recorded.	To analyze the end of the crash event
Year, month, day, hour, minute, second	To analyze the time when the event occurred	To analyze the time when the accident occurred
Gear status	Actual gear status, applicable to vehicles having this signal transmitted to the CAN bus	To analyze the gear status of the vehicle at the time when the crash event occurred
Brake pedal position	Actual position of the brake pedal in the range between the non-depressed position and the fully-depressed position It can be stated in the EDR extraction report that the vehicle brake system may have performed 100% braking when the brake pedal position is less than 100%. The data applies to vehicles installed with a brake pedal position sensor.	To analyze the brake pedal position at the time when the crash event occurred
Parking system status	Used to detect whether the parking brake was active and applicable to vehicles having the parking system status transmitted to the CAN bus	To analyze the status of the parking system at the time when the crash event occurred
Turn signal switch status	Status of the switch that indicates the turning or lane change intention of the driver, which is applicable to vehicles having the turn signal transmitted to the CAN bus	To analyze the turn signal switch status at the time when the crash event occurred
Time to deploy, seat belt pretensioner, driver	Elapsed time from the beginning of the event (T 0) to the deployment command for the	To analyze the time taken to deploy the seat belt pretensioner for the driver at the

Data Element	Meaning	Purpose
	seat belt pretensioner for the driver	time when the crash event occurred
Time to first stage, frontal airbag, driver	Elapsed time from the beginning of the event (T 0) to the first-stage deployment command for frontal driver airbag	To analyze the time taken to deploy the frontal driver airbag (first stage) at the time when the crash event occurred
Time to second stage, frontal airbag, driver	Elapsed time from the beginning of the event (T 0) to the second-stage deployment command for frontal driver airbag	To analyze the time taken to deploy the frontal driver airbag (second stage) at the time when the crash event occurred
Time to deploy, side airbag, driver	Elapsed time from the beginning of the event (T 0) to the deployment command for side driver airbag	To analyze the time taken to deploy the side driver airbag at the time when the crash event occurred
Time to deploy, side curtain airbag, driver	Elapsed time from the beginning of the event (T 0) to the deployment command for the side curtain airbag for the driver	To analyze the time taken to deploy the side curtain airbag for the driver at the time when the crash event occurred
Seat belt status, front passenger	Buckle switch status of the seat belt of the front passenger, applicable to vehicles with a seat belt reminder	To analyze the seat belt status of the front passenger at the time when the crash event occurred
Time to deploy, seat belt pretensioner, front passenger	Elapsed time from the beginning of the event (T 0) to the deployment command for the seat belt pretensioner for the front passenger	To analyze the time taken to deploy the seat belt pretensioner for the front passenger at the time when the crash event occurred
Suppression status, frontal airbag, front passenger	Suppression status shown for the frontal airbag for the front passenger, applicable to vehicles with a frontal airbag suppression switch	To analyze the suppression status of the frontal airbag for the front passenger at the time when the crash event occurred

Data Element	Meaning	Purpose
Time to first stage, frontal airbag, front passenger	Elapsed time from the beginning of the event (T 0) to the first-stage deployment command for the frontal airbag for the front passenger	To analyze the time taken to deploy the frontal airbag for the front passenger (first stage) at the time when the crash event occurred
Time to second stage, frontal airbag, front passenger	Elapsed time from the beginning of the event (T 0) to the second-stage deployment command for the frontal airbag for the front passenger	To analyze the time taken to deploy the frontal airbag for the front passenger (second stage) at the time when the crash event occurred
Time to deploy, side airbag, front passenger	Elapsed time from the beginning of the event (T 0) to the deployment command for the side airbag for the front passenger	To analyze the time taken to deploy the side airbag for the front passenger at the time when the crash event occurred
Time to deploy, side curtain airbag, front passenger	Elapsed time from the beginning of the event (T Time) to the deployment command for the side curtain airbag for the front passenger	To analyze the time taken to deploy the side curtain airbag for the front passenger at the time when the crash event occurred
Alarm status, occupant protection system	Alarm status of the occupant protection system, applicable to vehicles having this alarm status transmitted to the CAN bus	To analyze the alarm status of the occupant protection system at the time when the crash event occurred
Alarm status, tire pressure monitoring system	Alarm status when the onboard tire pressure monitoring system detected that one or more tires had low pressure, applicable to vehicles having this alarm status transmitted to the CAN bus	To analyze the alarm status of the tire pressure monitoring system at the time when the crash event occurred
Alarm status, braking system	Fault status of the braking system, applicable to vehicles having this alarm status transmitted to the CAN bus	To analyze the alarm status of the brake system at the time when the crash event occurred

Data Element	Meaning	Purpose
Cruise control system status*	Operation status of the cruise control system*	To analyze the status of the cruise control system at the time when the crash event occurred*
ACC system status	Operation status of the adaptive cruise control (ACC) system	To analyze the status of the ACC system at the time when the crash event occurred
ABS status	Operation status of the anti-lock braking system (ABS)	To analyze the ABS status at the time when the crash event occurred
AEB status	Operation status of the autonomous emergency braking (AEB) system	To analyze the status of the AEB system at the time when the crash event occurred
ESC status	Operation status of the electronic stability control (ESC) system	To analyze the status of the ESC system at the time when the crash event occurred
TCS status	Operation status of the TCS	To analyze the TCS status at the time when the crash event occurred
Time, pre-event synchronous timing	Relative time from the last data sampling point before (T ₀) to (T ₀), which is applicable to vehicles that feature pre-event synchronous timing and is used to align data temporally	To analyze the time of pre-event synchronous timing at the time when the crash event occurred

Purchasing the EDR data extraction tool:

- EDR data can be extracted by using BYD vehicle fault diagnosis unit VDS 2000/VDS 2100. To purchase the unit, you are recommended to contact a BYD authorized dealer.

Data extraction with the EDR controller:

- EDR data can be extracted from the Airbag Center app on the fault diagnosis unit VDS 2000/VDS 2100 when:
 - Consent has been obtained from the owner (or the lessee).

- An official request has been made by the public security bureau, a court, or governmental department.
- The data is to be used by BYD in law suits.

Non-locked event storage and overwriting mechanism and event types that can be overwritten:

- Data on non-locked events can be overwritten by data on subsequent events, whereas data on locked events cannot.
- Events that can be overwritten include:
 - Irreversible restraint units did not deploy.
 - Changes in vehicle velocity within 150 milliseconds were less than 25 km/h in the direction of the x axis.

How cruise control works and descriptions for elements of relevant data:

- The cruise control system controls signals output from the throttle sensor based on the target cruise speed set by the driver for control of the vehicle travel speed.
- The EDR records the vehicle cruise status, including enabled but not activated, enabled and activated, command disabled, faulty, etc.

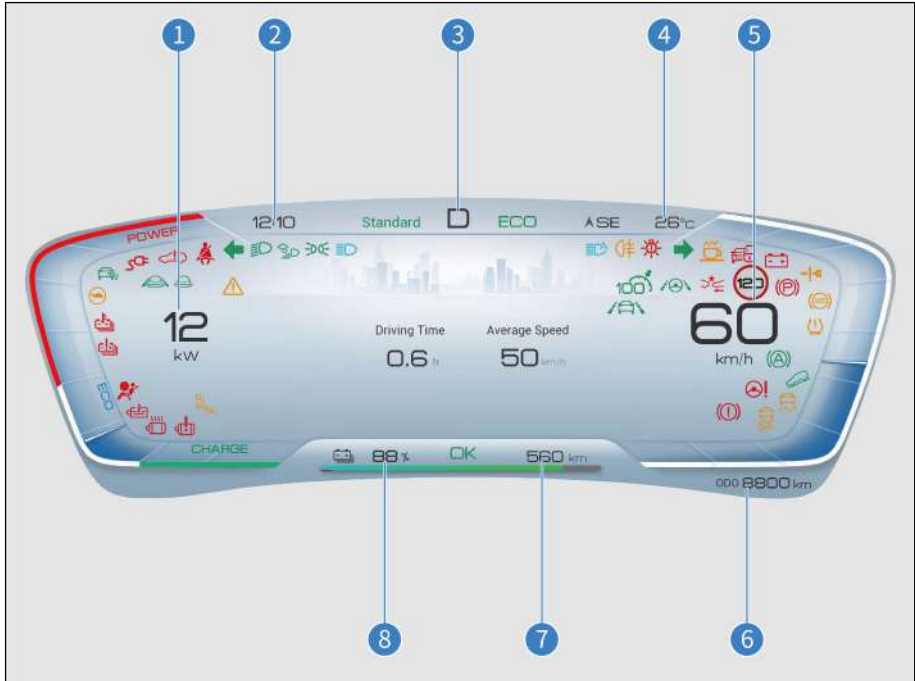
Instrument Cluster

2

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Instrument Cluster View

LCD Instrument Cluster



- ① Power meter
- ② Time
- ③ Gear status
- ④ Outside temperature
- ⑤ Speedometer
- ⑥ Total mileage
- ⑦ Driving range
- ⑧ Battery level (%)

























Instrument cluster view in simple mode

























**⚠ Note**

- During occasional communication delays in the instrument cluster system, for safe driving, the instrument cluster may automatically switch to simple mode. In this mode, the cluster continues to display driving related information normally, without affecting normal vehicle travel. After the system becomes normal, the cluster may automatically exit the simple mode. If it does not, try the following actions to switch back to normal mode:
 1. Press and hold the roller button on auxiliary dashboard for 3 seconds to restart the instrument cluster information display system;
 2. While vehicle safety is ensured, operate the vehicle power switch to turn off the vehicle and then switch back to the OK position.
- If the instrument cluster remains in simple mode after those actions have been taken, promptly contact a BYD authorized dealer or service provider for inspection.
- The image of the instrument cluster view is for reference only and is subject to actual factory configuration.

Instrument Cluster Indicators

Indicators and Warning Lights


	Turn signal indicator		Position light indicator
	High beam indicator		HMA indicator*
	ICC indicator		Front fog light indicator*
	AVH indicator		Hill descend control indicator
	Exterior light switch indicator		AVH standby indicator
	Discharge indicator		OK indicator
	Economic mode		ACC speed indicator
	Sport mode		PCW indicator (green)
	Normal mode		AEB fault warning light*
	Low battery warning light		Rear fog light indicator
	Driver monitoring system fault indicator		Smart key warning light
	Tire pressure fault warning light		Main alarm indicator

	ESC OFF warning light		Headlight fault warning light
	ESC fault warning light		Driving power limit warning light
	ABS fault warning light		Snow mode indicator
	BSD indicator*		AVAS OFF indicator
	PCW warning light (red)		Power battery overheating warning light
	Motor overheating warning light		Low-voltage power system fault warning light
	Powertrain fault warning light		Door status indicator
	TSR indicator		Motor coolant overheating indicator
	Unfastened seat belt warning light		Airbag fault warning light
	EPB indicator		Parking system fault warning light
	Steering system fault warning light		Anti-theft Indicator
	Power battery fault warning light		Power battery charging connection indicator

Descriptions for Warning Lights and Indicators

 Smart key warning light

- If the key is not in the vehicle when the Start/Stop button is pressed, the warning light will light up for a few seconds, a beep will be heard, and a "No key detected, please check whether the key is in the car" message will be displayed on the cluster.
- If an electronic smart key matching the model is in the vehicle and the Start/Stop button is pressed, this warning light will not light up and the vehicle can be powered on.
- If the warning light flashes when the Start/Stop button is pressed, it indicates low battery of the key.
- If the key is not in the vehicle, the instrument cluster prompts "No key detected, please check whether the key is in the car".

 ABS fault warning light

- When the ignition switch is on OK, this warning light goes on. If the ABS is working properly, the light goes off 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 lights up (with the parking system fault warning light off), the anti-lock braking system does not operate, but the braking system will still function properly.
- 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 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.
 - When the ignition switch is on OK, this warning light does not go on or is steady on.
 - This warning light goes on during driving.

 Tip

- A warning light that lights up briefly during operation does not indicate that there is a problem.

i Tip

- 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.

- If both ABS indicator and the braking system indicator are on and the electric parking brake (EPB) is fully released, the braking force distribution system of front and rear wheels has also failed.



Tire pressure fault warning light

- When the ignition switch is on OK, this warning light goes on. It goes off in a few seconds if the tire pressure monitoring system is working properly. If the system fails, this warning light goes on again.
- When the tire pressure fault warning light lights up or flashes, the information display on the instrument cluster reads "Please check the tire pressure monitoring system" and the tire pressure is displayed as "---" on the screen, it indicates that the tire pressure system is faulty.
- When the tire pressure value displays "Abnormal 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 in the tire pressure page on the instrument cluster information display, the corresponding tire is leaking rapidly.
- When the tire pressure fault warning light is constantly on and one or more values turn yellow in the tire pressure display page 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

- When the ignition switch is on OK, this warning light goes on. If electronic stability control (ESC) is functioning properly, this warning light goes off after a few seconds. If the system fails, this warning light goes on again until the system fault is resolved.
- When the ESC fault warning light flashes while the vehicle is in motion, it indicates the ESC system is working.
- When the ESC fault warning light is on (with the ABS fault warning light and the parking system fault warning light off), the ESC control fails, but the ABS and the braking system will still operate normally.
- When the ESC fault warning light is on (with the ABS fault warning light and the parking system fault warning light off), since the vehicle stability control system does not operate, the vehicle will be extremely unstable in case of sharp turns or when the driver steers away from obstacles ahead.
- 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.
 - When the ignition switch is on OK, this warning light remains off (with no self-check) upon power-on.
 - This warning light is steady on while driving.
 - A flashing warning light during the driving indicates that the system is operating normally.

i Tip

- A warning light that lights up briefly during operation does not indicate a problem.
- If the ESC fault warning light remains on while the warning lights for the ABS and the braking system are on, immediately stop the vehicle in a safe place and contact a BYD authorized dealer or service provider. This is because braking at this time can render the vehicle extremely unstable, and the anti-lock braking system does 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 go off and the ESC system resumes its normal operation.

i Tip

- While the ESC OFF warning light is on, the driver must stay alert and keep driving at a lower speed when making a sharp turn and when avoiding an obstacle which appears suddenly, because braking at this time can render the vehicle unstable, given the malfunction of ESC system.



Driving power limit warning light

- When the level of the power battery is low and the motor power is limited, this warning light will light up, and it is recommended to contact a BYD authorized dealer or service provider immediately.



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.



BSD Indicator

- When this indicator is on, it indicates the driving assist function is limited, 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.



Unfastened seat belt warning light

- With the ignition switch on OK, if any seat belt is not fastened in front and rear seats*, the seat belt indicator will light up. It remains on until the seat belt is fastened.



Airbag fault warning light

- With the ignition switch on OK, this warning light goes 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 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.
 - When the ignition switch is on OK, this warning light remains off or on after the vehicle is powered on.
 - This warning light goes 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 goes on when the ignition switch is on OK and the brake fluid level is low.

Tip

- When the brake fluid level is low, park the vehicle because it is dangerous to continue driving.
- After starting the vehicle, if the brake fluid level is normal, and the EPB system is operating normally (the EPB switch is pulled up

and released normally, there is no message "Please check the EPB system"), this fault warning light will be on constantly.

- Both the parking brake fault warning light and the ABS fault warning light are on.

Tip

- 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.

Tip

- 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.

- When turning the steering wheel in place for a long time, the steering system fault warning light does not light up, but the steering wheel feels heavy. This is not a fault.
 - If the steering wheel is turned in place frequently for a long time, the power assistance of the steering system will be reduced to prevent the system from overheating, resulting in a heavy feel when you are operating the steering wheel. If this happens, avoid turning the steering wheel frequently or stop and power off the vehicle. The system should return to normal operation within 10 min.

⚠ 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**

- If this warning light goes on while driving, it indicates that there is a problem with the DC system or the low-voltage power system. Turn off the A/C, fan, radio, etc., and pull over the vehicle immediately if it is safe to do so. It is recommended to contact a BYD authorized dealer or service provider for rescue as soon as possible.
- Charging and discharging stop when this warning light is on.
- When this warning light lights up and remain steady on while driving, the vehicle speed will be limited.
- This light is used to warn about the operating state of the DC module and the iron starter battery module when the vehicle is not being charged or discharging.

**Powertrain fault warning light**

- If the powertrain fails, this warning light will go on.
- 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 switch on OK.
 - This warning light goes on during driving.

⚠ Note

- 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.



Power battery overheating warning light

- If this warning light is on, it indicates that the power 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 power 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.



Power battery fault warning light

- This warning light goes on when the vehicle power has just been switched to the "OK" position. If the power battery system is working properly, this warning light will go 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 switch is on OK.
 - This warning light is steady on or occasionally goes on while driving.



PCW warning light (red)

- When this warning light is on or flashes, pay attention to the distance from the vehicle ahead, and do not get too close to it to prevent potential collision.



Door status indicator

- When any door, the trunk or the hood is not closed, the indicator indicates the vehicle body and corresponding status. When the vehicle speed exceeds a certain value, the message "Door, trunk or hood not closed" will be displayed.



Motor coolant overheating indicator

- When this indicator is steady on, it indicates that the coolant temperature is too high. In that case, stop to cool down the vehicle. When the indicator flashes, it indicates the coolant level is low. Add coolant promptly.



TSR indicator

- When this indicator lights up, it means that the vehicle system has recognized the speed limit value on current road section.

Controller Operation

3

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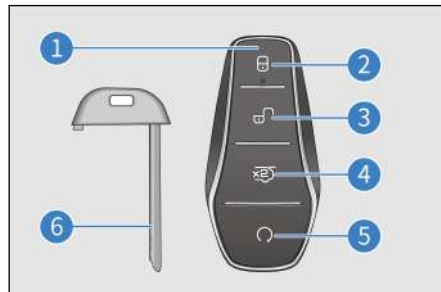
Keys

The vehicle is equipped with keys, including the electronic smart key and mechanical key (installed in electronic smart key), to enable functions such as unlocking/locking doors and starting the vehicles.

Smart Key

Press the left or right front door microswitch, while carrying the smart key, to unlock or lock all doors, or press smart key buttons to lock/unlock doors, open the trunk, or start the vehicle remotely.

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



This equipment is not entitled to protection against harmful interference and may not cause interference to duly authorized systems.

Models: D0-92, D1-92.



13120-22-14807

Note

- The smart key is an electronic component. Observe the following instructions to prevent damage:

Note

- 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.
 - 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.
 - 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.

⚠ Note

- 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.

Mechanical Key

Mechanical key (in the smart key) is used to unlock and lock the front left door. When not using the key, be sure to insert the mechanical key back into the smart key.

Removing the mechanical key

Hold the latch in the direction of Arrow ①, and pull away the locking mechanism of the latch in the direction of Arrow ② to open the key's back cover upwards. Then remove the mechanical key from the smart key's back cover in the direction of Arrow ③.



Mechanical key number plate

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



i Tip

- Be sure to store the number plate in a safe place and do not leave it in your vehicle.
- It is recommended to record the key number and store it in a safe place.

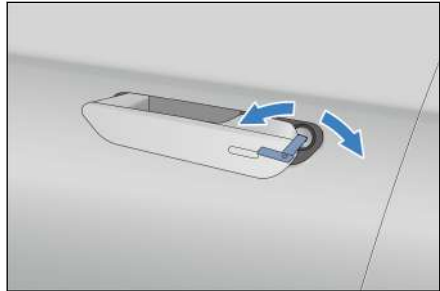
Locking/Unlocking Doors

Locking/Unlocking with Mechanical Key

1. Push the left side of a hidden door handle, and turn the right side to get a finger height, holding it by a hand.
2. Once the right side is extended, pull the middle of the handle outward to extend the handle.

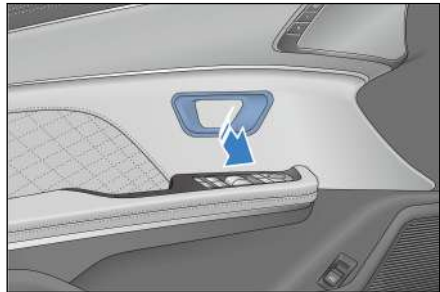


3. Insert the mechanical key into the hole and turn the key.
 - Unlock the driver's side door by turning the key clockwise.
 - Lock the driver's side door by turning the key counterclockwise.



Opening Doors 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.

⚠ Note

- As this vehicle is equipped with a child protection lock, the rear doors can only be opened with the interior 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 complete 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. All doors then lock. The hidden door handles automatically retract. At this time, the side mirrors fold in (when the switch is set to AUTO), and the turn signal flashes once. Check whether all doors are securely locked.
- If any door is not closed properly, the side mirrors will not fold, the turn signals will not flash, the four door handles will not retract, and the alarm will sound once.
- If the hood or trunk is not closed, the side mirrors will not fold, the turn signals will not flash, and the alarm will sound once.



Unlocking:

- Press the unlock button. All doors are unlocked, the hidden door handles automatically extend, and the turn signal flashes twice.
- If the ignition is in a status other than OFF, doors cannot be unlocked/locked with the unlock/lock button.
- When all doors are unlocked with a smart key, the interior light (with the door light switch turned on in the infotainment system) will light up for 15 seconds and then go out, even if the doors are not opened.

- After unlocking the vehicle in anti-theft mode with a smart key, open any door within 30 seconds. Otherwise, all doors will automatically be locked and the four door handles will retract.

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 flashes 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.

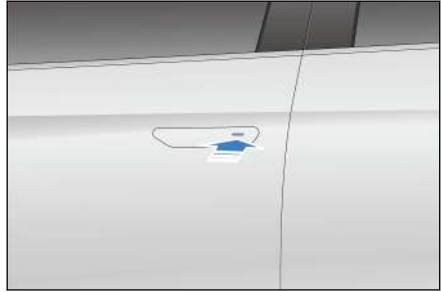
Tip

- Users can turn this function on/off by pressing and holding the smart key lock/unlock button and open/close windows through  → Vehicle Settings → Doors, Windows and Locks Settings interface (depending on actual vehicle configuration).

Locking/Unlocking with Microswitch

Locking

- With the ignition switched off and doors closed but not locked, press the microswitch on the front door handle, all doors will be locked at the same time. At this time, the hidden door handles automatically retract and the turn signal flashes once.



Unlocking


- In anti-theft mode, press the front door handle microswitch while carrying the smart key to unlock all doors. The hidden door handles automatically extend and the turn signal flashes twice.
- In anti-theft mode, after activating the unlock function, open the doors within 30 seconds. Otherwise, all doors will automatically be locked again and the four door handles will retract.
- 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.

i Tip

- 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  (infotainment system) → Vehicle settings → Window and Lock.)

Locking/Unlocking Trunk Lid

Opening the trunk lid with smart key

Double-press the trunk lid open button on the smart key to open the trunk lid. The turn signal then flashes twice.

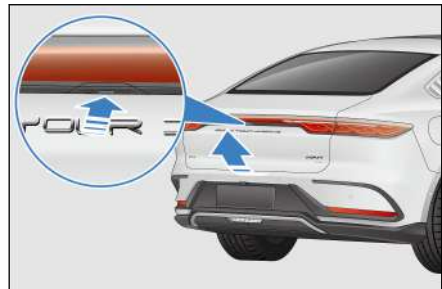


■ Anti-forget key function

- If the key is placed in the vehicle or in the trunk with the vehicle locked, when you close the trunk lid, the vehicle will actively unlock or pop open the trunk lid and the turn signal flashes twice.

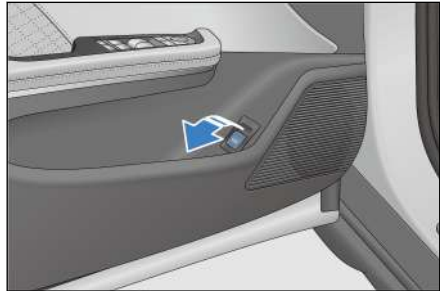
Unlocking the trunk lid with microswitch

- With the vehicle locked, press the rear microswitch while carrying a valid key, to open the trunk lid.
- With the vehicle unlocked, press the rear microswitch to open the trunk lid.



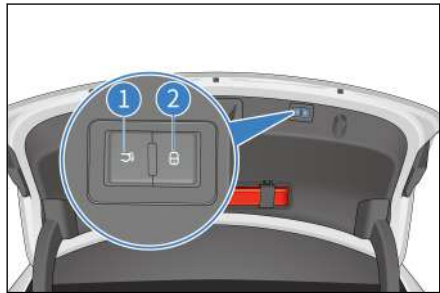
Opening trunk lid from inside the vehicle

- With the vehicle unlocked, pull up the electrical trunk lid button to open the trunk lid.
 - If the vehicle speed is greater than 5 km/h, the trunk lid cannot be opened even if the button is pulled up.



① Trunk lid close button

- With the trunk lid opened and stationary, press the trunk lid close switch. The trunk lid then closes.
- Press the trunk lid close switch a second time to stop the lid at the current position. Press the trunk lid close switch a third time to let the trunk lid move reversely.



② Vehicle lock button

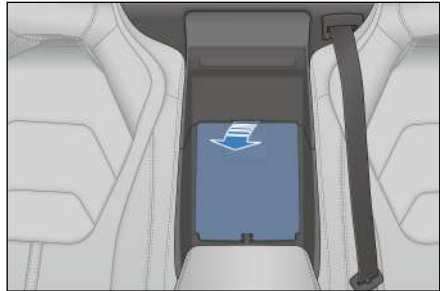
- With the vehicle power switched off, press the lock switch while carrying a valid smart key, to close the trunk lid and lock the vehicle, and the vehicle enters anti-theft mode.

i Tip

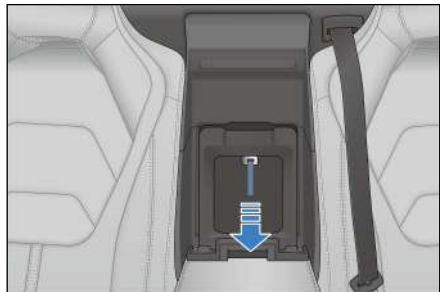
- Before closing the trunk lid, verify that the doors, windows, sunroof, etc. are closed to avoid property loss.

Emergency trunk lid unlocking from inside the vehicle

1. Flip the rear central armrest to open its decorative cover.



2. Open the trunk lid by pulling the emergency unlocking latch of the trunk lid.



i Tip

- When the entire vehicle is powered off, the trunk lid can be unlocked from inside.
- This allows you to pick up smaller items in the trunk from inside the vehicle.

Locking/Unlocking with Center Console Door Lock

Locking or unlocking the vehicle with the center console door lock

See "[Center Console Door Lock](#)" in "Front Left Door Switch Group" in this Chapter.

Locking or unlocking doors automatically

- All doors are automatically locked at vehicle speeds above 8 km/h.

- 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 on the lock button of the center console door lock goes on if the vehicle is locked and goes off if the vehicle is unlocked.
- Pressing the center console door lock locks all doors so that any attempt to open any door from the outside fails. At this time, pull the interior handle to unlock and pull a second time to open a door.

i Tip

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

Emergency Vehicle Locking with Mechanical Key

- When the center console lock fails, lock the front left door with the mechanical key. Use the key to turn the emergency locking knobs of the other three doors counterclockwise to the locked state, and then close the doors. At this time, the entire vehicle has been locked so that doors cannot be opened with any of the four exterior door handles.
- To unlock the doors, unlock the left front door with the mechanical key first, enter the vehicle, then pull other door handles twice to open the doors.



i Tip

- Prevent excessive force from distorting or breaking the key during the operation.

Smart Access and Start System

Access Function

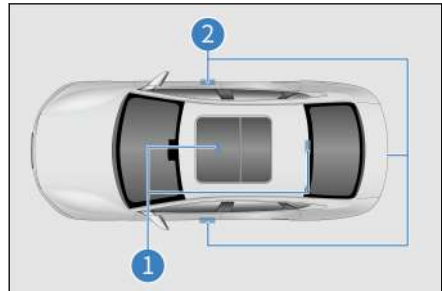
Use the smart key to unlock or lock the vehicle doors. (For details, see [Locking/Unlocking with Smart Key](#) in this chapter)

Start-up Function

With the smart key inside, press the brake pedal and the Start/Stop button to start the vehicle. (For details, see [Starting the Vehicle from Inside.](#))

Antenna positions

- ① Interior antenna
- ② Exterior antenna



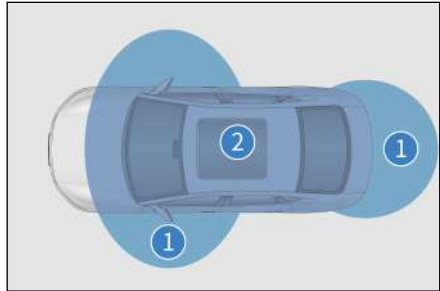
Active area

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.



i Tip

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 on the instrument cluster goes on, and the instrument cluster displays the message "Smart key power is low. Please replace the battery as soon as possible", 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.

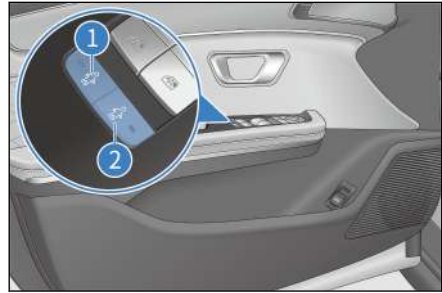
Saving battery power

- 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 away from the following devices:
 - TVs
 - PCs
 - Wireless telephone chargers
 - Electroliers
 - Fluorescent desk lamps

Child Protection Lock

Child protection locks, located on the front left door switch group, are designed to prevent children sitting in the rear seats from inadvertently opening the rear doors.

- ① Child protection lock button for the rear left door
- ② Child protection lock button for the rear right door



- To activate child protection locks, press the child protection lock button ① or ②. The corresponding indicator lights up. At this time, the occupants cannot open the rear door on the corresponding side. To unlock the door, press the child protection lock button for the corresponding side again or use the exterior door handle. The door cannot be opened from inside the vehicle while the latch is locked. To open this door, use the exterior door handle.

⚠ Note

- Before driving, especially when a child is in the vehicle, ensure that the doors are closed and the child protection lock function is enabled.
- Proper use of seat belts and activation of child protection lock helps prevent the driver and passengers from being thrown out of the vehicle in the event of an accident, and also avoids a door from being opened accidentally.
- After the child protection lock is locked, doors cannot be opened from inside the car, and the window switch for the corresponding rear door cannot be used to raise or lower the window.

Seat Information

- Adjust the driver's seat so that the pedals, steering wheel, and dashboard controls are all within the driver's easy control.
- The most effective safeguard while driving is to keep the seat back upright, always resting well on the seat back and adjusting the seat belt to the right position.
- Secure your luggage appropriately to prevent it from skidding or moving. Luggage in the vehicle should not be higher than seat backs.

Warning

- Sitting on a folded seat back or on cargo is prohibited. Improper seating position or improperly fastened seat belts can result in severe personal injury in case of emergency braking or a collision.
- 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.
- When adjusting the seat, do not place your hand under the seat or near its operating parts, to prevent being crushed.
- After adjusting the seat back, lean back to confirm the seat back has been locked. If not fully locked, personal injury may occur in an accident or during emergency braking.
- Do not put the seat back down while driving or riding in the vehicle. Because the shoulder strap of the seat belt is not properly attached to your body, you and your passengers could hit the strap in an accident, causing serious injury to your neck or other parts. Or you may also slip out of the waist belt, resulting in other serious injuries.
- 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.
- Do not drive the vehicle until occupants are seated properly.

i Tip

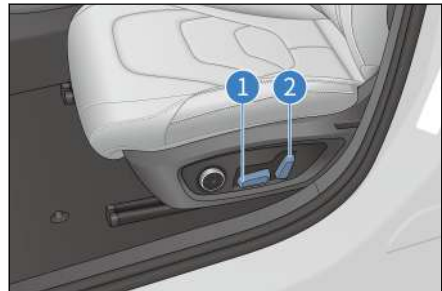
- Do not fasten seat belts before seat adjustment.
- While adjusting a seat, do not let it hit against any passenger or the luggage.

Front Seats**Electrical Front Seat Adjustment**

Electrical front seat adjustment includes back-and-forth adjustment of seat, up-and-down adjustment of seat cushion*, angle adjustment of seat base* and angle adjustment of seat backs. Choose the following methods according to the functions available in 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 front end of the switch up or down to change the seat base angle.
- Move the rear end of the switch up or down to raise or lower the seat.

**② Seat back angle adjustment switch**

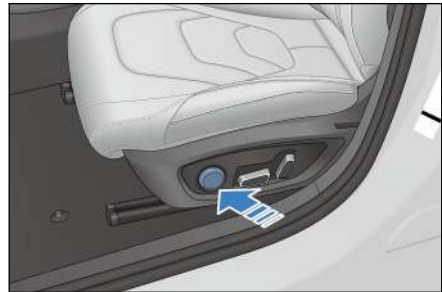
Toggle the upper end of the seat back angle adjustment switch to adjust the seat back angle.

i Tip

- Releasing the switch will stop the seat in this position. Do not place anything under the seat as this may prevent the seat from operating.

Lumbar Support Adjustment

The seat back profile can be adjusted to fit the curvature of the occupant's lumbar spine. To allow you and your occupants to sit in the seats in a correct and relaxed manner, the seat support should support the occupants' lumbar spine.



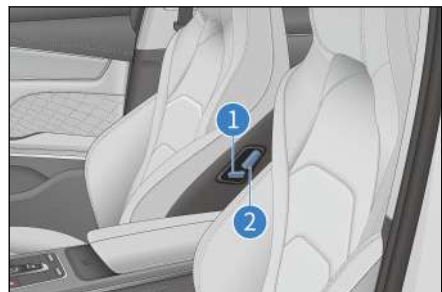
- Press the front or rear portion of the switch to increase or decrease the curvature.
- Press the upper or lower portion of the switch to extend the curvature up or down.

Electrical Front Passenger Seat Adjustment by Rear-Seat Occupants

① Seat position adjustment switch

- Move the seat position adjustment switch back or forth to move the seat backward or forward.

② Seat back angle adjustment switch

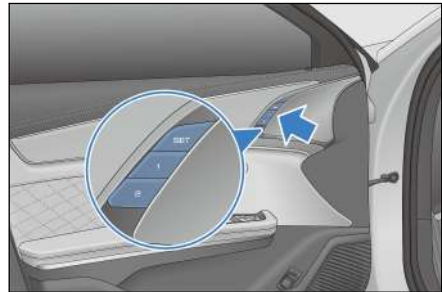


- Move the seat back angle adjustment switch back or forth to adjust the seat back angle.

Memory System*

Memory switch position

The memory system switch is located on the trim of front left door, having a total of 2 memory positions.



Memory setting function

- Memory setting conditions
 - The vehicle is powered on with no vehicle speed.
 - Seats and side mirrors have been adjusted to their required positions.
 - No actions are performed by the seats and side mirrors.
- Memory setting method
 - Press and release the "SET" button on the seat memory switch, and press either "1" or "2" within 3 seconds. Then the positions of the seats and side mirrors will be remembered, and the memory setting finishes.
 - Press and hold the "SET" button on the seat memory switch, and at the same time press either "1" or "2" to complete the memory setting.

i Tip

- If the position button on the memory switch has already been set, the position set will be overwritten.

i Tip

- Seat memory at position "2" can only be set after seat memory at position "1" has been set for at least 3 seconds.

Memory wake-up function

Regular memory wake-up

- With the gearshift lever in the "P" position, the driver's seat memory system will perform memory wake-up operation when the memory system switch is pressed if the following conditions are met:
 - The vehicle is not in anti-theft mode.
 - The vehicle has no speed.
 - Memory switch signals are valid.

Greeting function

- Normal function
 - Automatic back: After the vehicle power is switched from "OK" to "OFF", the seat automatically goes back when the front left door is open or opened.
 - Automatic forward: The seat automatically moves forward to the position from which it previously moved back when the opened front left door has been closed after the vehicle is powered on from "OFF" to another position or when the opened front left door has been closed while the vehicle power is on "OFF".
- User settings
 - You can cancel or restore automatic forward and back functions via the options in the Vehicle settings menu on the infotainment system.

Heating and Ventilation System for Front and Rear Seats*

- When the ignition switch is on OK, turn on or off the heating & ventilation function by tapping buttons on the display.
- Swipe the left/right button to select the rear seat to be heated or ventilated.

Heating system adjustment

- Seat heating: Control the operation mode of the heating pad by using the seat heating switch. The heating function has two modes: Mode 1 and Mode 2.
- Tap the "OFF" button to disable the seat heating function.



Ventilation system adjustment

- Control the operation mode of the ventilation fan by using the seat ventilation switch. Seat ventilation has two modes: Mode 1 and Mode 2.
- Tap "OFF" to disable seat ventilation.

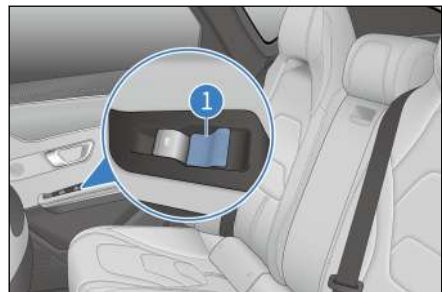
Heating of the rear windshield and side mirrors

- Enable or disable the heating of the rear windshield and side mirrors by using the heating switch for the rear windshield and side mirrors.

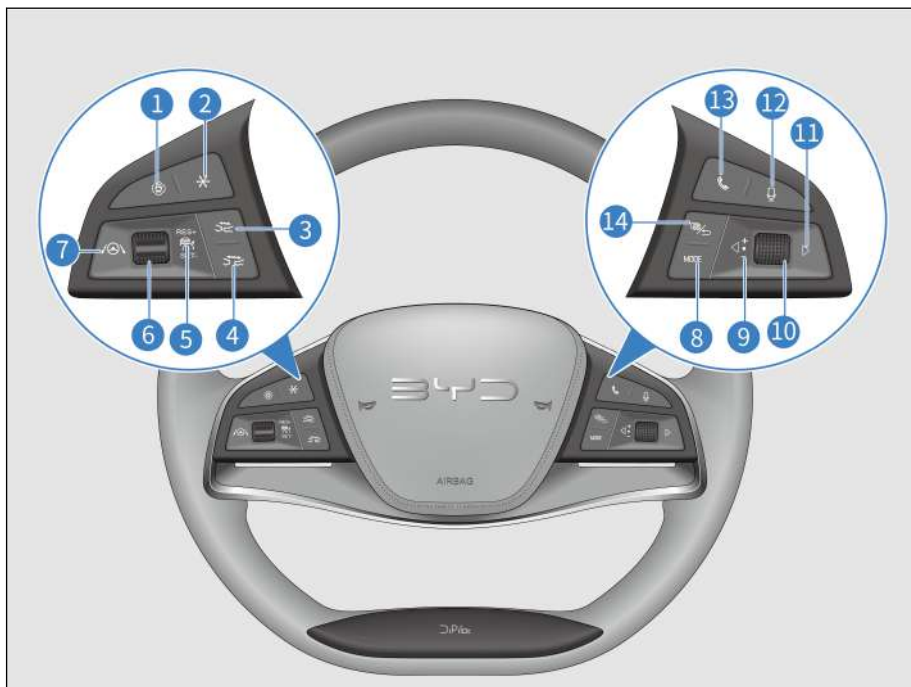
Rear Seats

Rear Seat Adjustment*

- The rear seat adjustment handle is located on the trim of rear door.
 - Pull back the handle ① to move the seat back backward.
 - Push forward the handle ① to move the seat back forward.



Steering Wheel



- ① Panoramic view
- ② Custom
- ③ Distance -
- ④ Distance +
- ⑤ +/-/Reset or -/Set
- ⑥ Lever
- ⑦ DiPilot

- ⑧ Mode
- ⑨ Left
- ⑩ Roller
- ⑪ Right
- ⑫ Speech recognition
- ⑬ Call
- ⑭ Instrument cluster/Back

The audio control switch is available when the ignition switch is on OK.

Left-hand buttons

+ /Reset

- Activates the ACC system and invokes the parameter in the previous system setting.

ACC switch

- Turns the ACC system on or off.

-/Set

- Sets the current speed to the target cruise speed.

Distance -

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

Distance +

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

DiPilot

- Turns the intelligent driving feature on or off.

Custom

- Press the button to respond to the custom function, or press and hold it to go to the interface to customize the corresponding functions.

Panoramic view

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

Tip

- For more information on how to use the cruise control function, see [Adaptive Cruise Control \(ACC\) System](#).

Right-hand buttons

Roller

1. Infotainment

- Turning the roller up: Steps up the volume, up to the maximum volume.

- Turning the roller down: Steps down the volume, up to the minimum volume.

- Pressing down the roller: Mute.

2. Instrument cluster

- Turning the roller up: When the instrument cluster is in menu mode, selects the upper level-2 or level-3 menu items.

- Turning the roller down: When the instrument cluster is in menu mode, selects the lower level-2 or level-3 menu items.

- Pressing down the roller:

- When the instrument cluster is in menu mode, goes to the next-level menu of current option or confirms current settings.

Left/Right

1. Infotainment

- In radio mode:

- Press the ◀ button to select previous radio station.
- Press the ▶ button to select next radio station.

- In USB/Bluetooth music/third-party music app and 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 phone book page.
- 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 phone book page.

2. Instrument cluster

- 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 page unrelated to Bluetooth is currently displayed, press this button to switch to the phone selection page if Bluetooth is disconnected, or to the main dialing page if Bluetooth is connected.
- After entering a phone number on the dial page or selecting a record on the call history or phonebook page, press this button to dial the number.
- When Bluetooth is connected, but no phone number is entered on the main dial page, press this button to switch to the Dialed Number page under the call history page. Press this button again for the system to automatically call the first dialed number on the call history page.

Speech recognition

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

Instrument cluster/Back

- When the instrument cluster is not in menu mode, press the Instrument cluster/Back button. The instrument cluster menu is displayed.
- When the instrument cluster is in menu mode, press the Instrument cluster/Back button to return to the previous-level page, or exit the menu if there is no previous-level page.
- When on the Bluetooth call page, 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.

Horn

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

⚠ Note

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

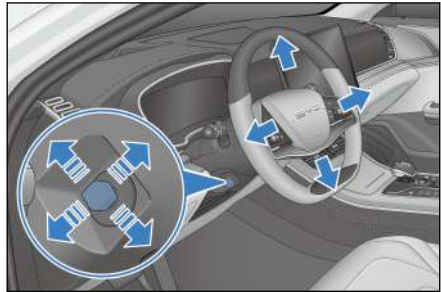
i Tip

- Observe the traffic laws and use the horn reasonably.

Electrical Adjustment of Steering Wheel*

The steering wheel is adjustable only when the ignition switch is on OK.

- Toggle the electrical switch up/down/forward/backward to adjust the angle or axial position of the steering wheel.

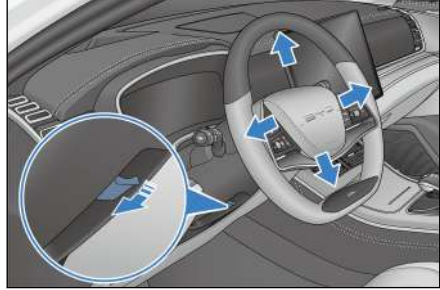


⚠ Warning

- 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.

Manual Adjustment of Steering Wheel*

- To adjust the angle or axial position of the steering wheel, do the following while holding the steering wheel:
 - Press the steering wheel adjustment handle down to adjust the steering wheel to the desired position and return the handle to its original position.



⚠ Warning

- Never adjust the steering wheel while driving, under risk of impaired vehicle control.
- After adjusting the steering wheel, make sure 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.
- To select the "Comfort" or "Sport" steering mode, go to the "Steering Assist" setting page in 🚗 (infotainment system) → Vehicle settings → Intelligent Chassis.

i Tip


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

Greeting Function of Steering Wheel*

- With the vehicle having no speed (≤ 3 km/h), if the vehicle power is set to OFF from OK and the front left door is opened, the column is tilted up to retract from the current position for the driver to get off the vehicle, and tilted down to extend to the previous position when the door is closed.
- If the vehicle is powered on from OFF to OK and the front left door is opened, the column is tilted up to retract from the current position for the driver to get on the vehicle, and tilted down to extend to the previous position after the driver sits in the seat and closes the door.

Steering Wheel Heating Function*

The steering wheel heating function (optional) can be enabled in either of the following three ways:

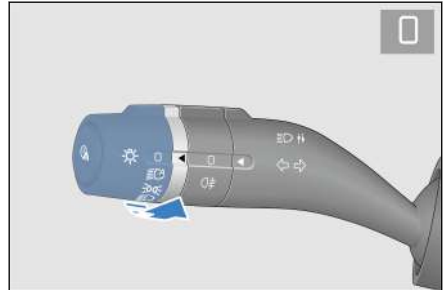
1. Go to  (infotainment system) → Vehicle settings → A/C. The A/C operation interface is displayed. Select the ventilation and heating settings, and tap the button below the steering wheel heating icon. "ON" indicates that the function is enabled, and "OFF" indicates that the function is disabled.
2. Go to the drop-down shortcut menu, and tap the "Steering wheel heating" button icon. The button is highlighted when the function is enabled and is gray when the function is disabled.
3. Voice control: Enable or disable steering wheel heating by using the wake-up voice function.

Note

- Each time when the steering wheel heating is activated, the heating function turns off automatically once the heating lasts 30 minutes.

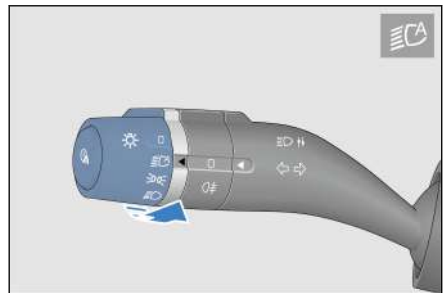
Light Switches

Turn the knob at the end of the light switch to "☐", and all lights except for daytime running lights turn off. The daytime running light in that mode is on when the daytime light feature on the pad is enabled and is off when the daytime light feature on the pad is disabled.



Auto lights

Turn the knob at the end of the light switch to "☂". The BCM captures the brightness data from the light intensity sensor to automatically turn the position lights and low beam on or off.

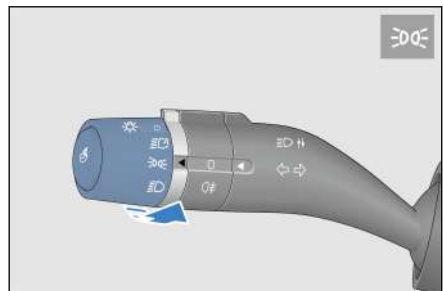


i Tip


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

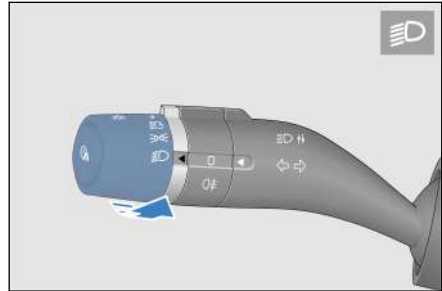
Position lights

Turn the knob at the end of the light switch to "☂☑" to turn on position lights.






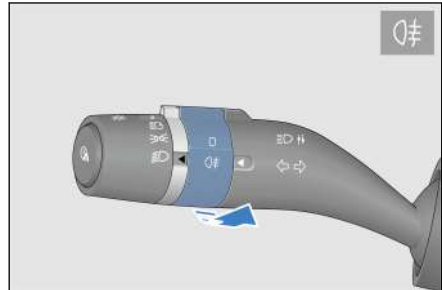
Low beam

Turn the knob at the end of the light switch to "  " to turn on the low beam.




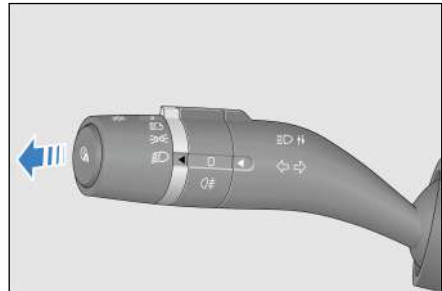
Rear fog lights

Turn the knob at the end of the light switch to "  " and the fog light knob to "  ", to turn on the rear fog lights. The knob automatically returns to  .



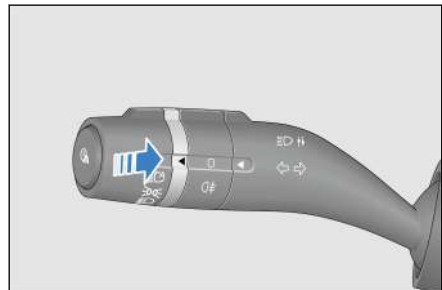
High beam

Turn the knob at the end of the light switch to "  " and push the light switch handle down (away from the steering wheel) to turn on the high beam.



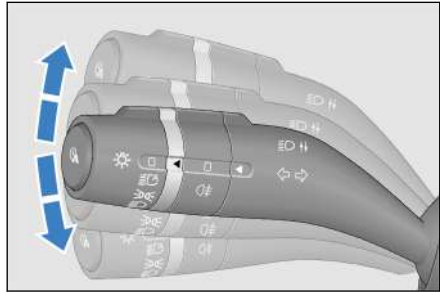
Overtaking light

Lift 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 combination switch light handle. The right turn signals and the turn signal indicator on the instrument cluster starts flashing at the same time.
- Pull down the combination switch light handle. The left turn signals and the turn signal indicator on the instrument cluster starts flashing at the same time.

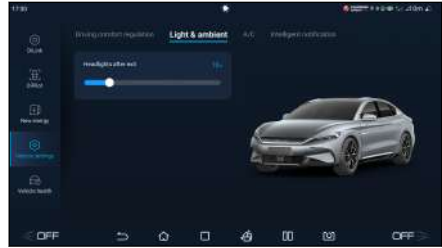








Auto light off

- Conditions to activate the auto light off function: To activate this function, switch the combination switch light to "  " or "  " and the vehicle power from "Start" to "Stop".
- When the auto light off function is activated, the headlights, position lights, rear fog lights, and high beams that were on will go off in 10 seconds if the front left door is closed.
- When the auto light off function is activated, the headlights, position lights, rear fog lights, and high beams that are on will go off in 10 minutes if the front left door is opened.
- After the lights turn off automatically, if the light mode status changes, these lights light up according to their new status. If the conditions to activate 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 left front 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 → Light & ambient → Headlights after exit to set the delay time.




- Go-home lighting:
 - You can set the time for go-home lighting delay on the infotainment system (default: 10 seconds). With the light adjustment switch turned to "  ", "  " or "  ", when you power off the vehicle, lock four doors and attempt to leave the vehicle, the corresponding lights will continue to light up for 10 seconds (or the set time) to provide go-home lighting.
- Leave-home lighting:
 - You can set the time for the leave-home lighting delay on the infotainment system (default: 10 seconds). With the light adjustment switch turned to "  ", "  " or "  ", when you unlock the vehicle and attempt to approach it, the corresponding lights will light up for 10 seconds (or the set time) to provide the leave-home lighting.

i Tip

- The dynamic greeting function only works when the trunk, hood and four doors are closed.

Headlight Height Adjustment

When the low beam is on, tap  → **Vehicle Settings** → **Light & ambient** → **Adjust headlight height** on the center console touchscreen to adjust the headlights vertical beam angle.




Vehicle Loading Conditions	Recommended Levels
One person in the driver seat	0~2
The driver, plus one passenger in the front seat	
All the seats occupied	0~2
All the seats occupied, plus an evenly distributed load (calculated based on the technically permissible maximum laden) in the trunk	1~3
Driver, plus an evenly distributed load (calculated based on the technically permissible maximum laden) in the trunk	1~3

- The advised adjustments may differ in other vehicle loading conditions. Intermediate adjustments can be chosen.


High Beam Assist (HMA)

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

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





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.

i Tip

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

Deactivating HMA

- HMA can be deactivated in any of the following ways:
 - Rotate the light switch knob to any position except  ;
 - Tap  → **DiPilot** → **Driving Assist** or slide down the shortcut menu to turn off HMA.
 - Turn on the high beam manually.

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;
 - The fog lights or turn signals are turned on, or the vehicle makes a sharp turn.

System limitations

- The intelligent high & low beam system may be unexpectedly activated or fails to activate in any of the following situations. In such cases, the driver is 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 road.
 - 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.






⚠ Note

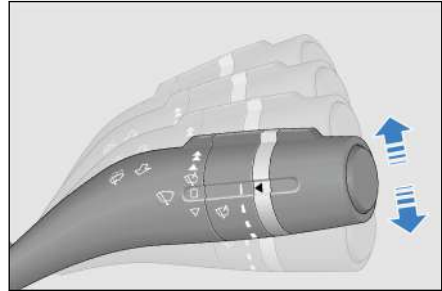
- When the vehicle collision or sensors have been reinstalled, contact a BYD authorized dealer or service provider to calibrate the sensors, so as to avoid affecting system performance.



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
-  : Automatic/Intermittent
-  : Stop
-  : Point-wiping

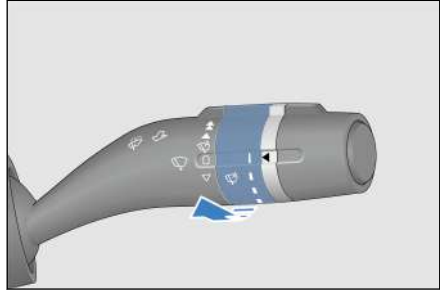


- To select a mode, push up or pull down the lever.
- At low- and high- speed modes, the wiper operates continuously.
- To let wipers work in the spot-wiping mode "  ", pull the lever from the "  " position. The wipers wipe at a low speed until you release the lever.


Automatic/Intermittent

- The rain sensor automatically controls the operation mode of wipers based on the rainfall, and it is located in front of the interior rearview mirror on the front windshield inside the vehicle.
- To use the automatic wiper function, turn the wiper switch to the automatic mode, and toggle "Automatic Wiper" on in  (infotainment system) → Vehicle Settings → Greeting.
- To use the intermittent wiper function, turn the wiper switch to the automatic mode, and toggle "Automatic Wiper" off in  (infotainment system) → Vehicle Settings → Greeting.

- The automatic wiper function has four sensitivity levels. The higher the lever, the higher the sensitivity. When using the automatic wiper function, change the sensitivity by adjusting the toggle based on real-time rain conditions. If the wiper reacts to rain too quickly, reduce the sensitivity; if the wiper reacts to rain too slowly, increase the sensitivity.





⚠ Warning

- If the wiper switch is on  while the vehicle power is on "OK" status, touching the glass on the top of the sensor by hand or wiping it with a cloth can cause the wiper to work and thus lead to an accident.
- Turn off the automatic mode of wiper during the vehicle washing process, in dry seasons or in rainless weather to prevent inadvertent wiper operation.
- The rain sensor cannot adequately recognize each rainfall and activate wipers. When rainwater on the front windshield affects visibility, timely change infotainment settings when necessary to disable the automatic function and use the wipers manually instead.

⚠ Note

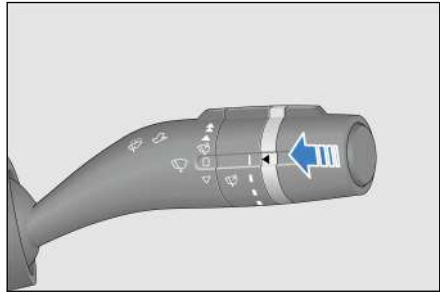
- When the wiper stops midway for snow accumulation and other reasons, please turn it off, park the vehicle in a safe place, and remove the snow and other debris, so that the wiper can work properly.
- The sensor may occasionally fail to properly identify snowflakes on it as they have various shapes, which could lead to wiper malfunction. After the snow has melted, it may result in automatic wiping of the wiper.

i Tip

- With the wiper handle located in , the wiper will perform a wiping action whenever the wiping sensitivity is increased by one shift; when the wiper is turned from OFF to , the wiper will perform a wiping action.

Front windshield washer 

Pull up (toward the steering wheel) the wiper switch for the system to only sprays water without wiping if pull-up time is short (within 0.5 seconds), or spray water and wipe it at a low speed if pull-up time is long. Release the wiper switch for the wiper to automatically wipe three times and then return to its original position.

**Front Left Door Switch Group****Electrical Window Switch**

- The window control switch at the driver's side contains four buttons to roll up or down windows on four doors, respectively.
 - Press the switch to roll down.
 - Pull the switch to roll up.
- While using the switch, release it to stop window halfway.

**Automatic operation (when equipped with anti-pinch feature)**

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

Manual operation

- Rolling down: Press the switch to the first notch and do not release. The corresponding window is rolled down manually.
- Rolling up: Pull the switch to the first notch and do not release. The corresponding window is rolled up manually.

Window Anti-pinch

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

- While the window is rolling up or down, if the power from the starter iron battery is switched off, both automatic rolling-up function and anti-pinch function will fail.
- Pull and hold the window control switch for the first time, so that the window rises to the top for stalling for at least 400 ms. Release your hand when the window rises to the top.

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.

⚠ Note

- 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.

Center Console Door Lock

The driver-side door is equipped with electrical door lock switches. Both switches can lock or unlock all doors.

① Locking

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


② Unlocking


Press the center console lock unlock button. All doors are unlocked and the red lock indicator goes off.



Side Mirror Adjustment Buttons

Side mirror selection buttons

 Left side mirror button

 Right side mirror button



Side mirror adjustment buttons

Press this button to adjust the side mirror lens to a right position.

Button for side mirror folding

Press this button to fold or expand side mirrors.

Odometer Toggle Switch

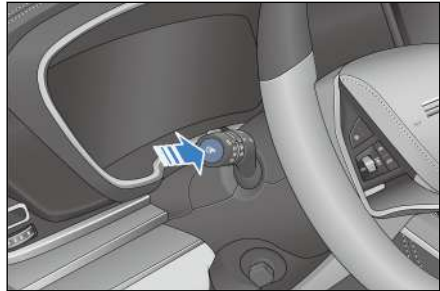
The odometer information displayed includes:

Total Mileage: total mileage the vehicle has traveled.

Mileage 1/Mileage 2: different mileages driven since the two trip odometers have been set to zero.

The odometer is in the unit of km by default. You can set the unit to mile in the unit settings on the infotainment system.

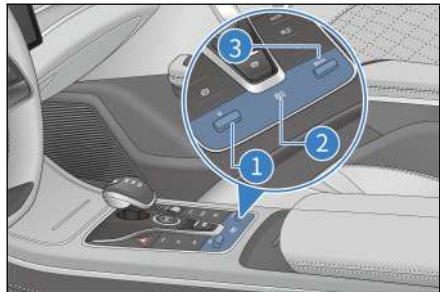
- Press the odometer toggle switch to toggle between "Total Mileage" - "Mileage 1" - "Mileage 2" - "Total Mileage", and the instrument cluster displays the corresponding information toggle status.
- Press and hold "Mileage 1" and "Mileage 2" to clear the mileage information.
- The mileage per trip (Mileage 1 or Mileage 2) is calculated using a trip odometer.



Mode Switch Group

These switches enable drivers to set the vehicle into regenerative braking, snow, or mode selection mode.

- 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).
 - Snow mode optimizes the towing, driving, and manipulation features in slippery conditions, and the accelerator pedal is selected with caution.
- ③ MODE button

- The default setting is NORMAL mode.
- Move up the lever ③ to switch the vehicle to the ECO mode;
- Move down the lever ③ to switch the vehicle to the SPORT mode.
- Move down the lever ③ repeatedly to cycle through NORMAL → SPORT → ECO → NORMAL mode.
- Move up the lever ③ repeatedly to cycle through NORMAL → ECO → SPORT → NORMAL mode.
- Ecology, Conservation, Optimization(ECO): Moderate vehicle power, comfortable driving and riding experience, better economy;
- Normal(NORMAL): Standard settings mode, the default driving condition;
- Sport(SPORT): The vehicle shows good power performance, but its acceleration performance will be reduced if battery state of charge (SOC) is low, or if the vehicle is in high or low temperature conditions.



 Tip

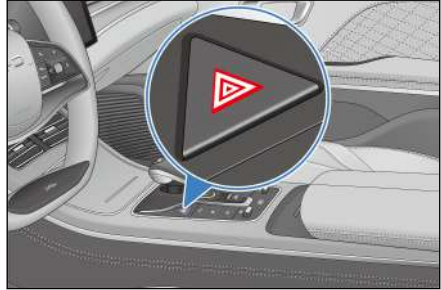
- The driving modes are ranked as SPORT, NORMAL, and ECO, in descending order of driving power. Be sure to drive safely.

 Note

- 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.

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.



Note



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

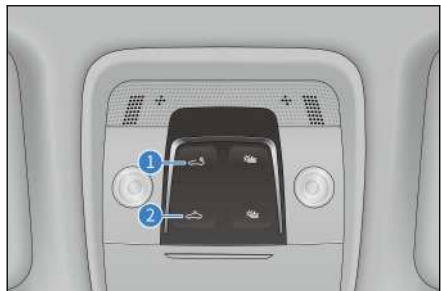
Sunroof Switch

Panoramic Sunroof

The sunroof can only be operated under OK ignition status or when the power-off delay has not expired.

Opening the sunroof

- Press and hold the sunroof open button  to open the sunroof manually. Release the button midway to stop the sunroof.
- For the sunroof to tilt up for ventilation, press the sunroof open button  and release it immediately. Pressing the button again will set the sunroof to



open automatically by about 2/3. Pressing the button once more opens the sunroof completely. For the sunroof to stop at its current position, press the button ① or button ② midway.

Closing the sunroof

- Press and hold the sunroof close button ② to close the sunroof manually. The sunroof stops if the button is released.
- If the sunroof has been initialized, releasing the sunroof close button ② immediately after pressing it closes the sunroof automatically. For the sunroof to stop at its current position, press the ① or ② button midway.

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.
- Release the sunshade open button ① immediately after pressing it. The sunshade opens automatically. For the sunshade to stop, press the ① or ② button midway.



Closing the sunshade

- Press and hold the sunshade close button ① 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.

Tip

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

Sunshade linkage function

- While the sunroof is opening, the sunshade opens together with it.

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.

Note

- 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 Method

- When the ignition switch is on OK, the signal remains valid and the sunroof is in the uninitialized state, try the following steps for initialization:
 1. Press the sunroof close switch to close the sunroof to the stalling point.

2. Close the sunshade to the stalling point position.
3. Open the sunshade the fully.
4. Open the sunroof fully.
5. Close the sunshade fully.

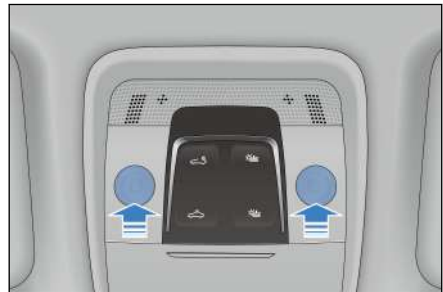
⚠ Note

- Throughout the initialization process, press and hold the Off button of the sunroof switch until the initialization is complete.
- The sunroof and sunshade are initialized at the same time.

Interior Light Switch

Front Interior Lights

In any ignition status, touch the cover of front interior lights to turn on the lights.




Side Interior Lights

- Touch the cover of side interior lights to turn on the lights.



Smart Ambient Lights

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

- Tap  → **Vehicle settings** → **Light & ambient** to set:
 - Ambient light colors



Using and Driving

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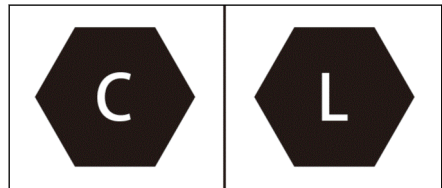
Charging Instructions

- The charging equipment is a high-voltage electrical device. Minors are prohibited to charge or touch the charging equipment. In addition, 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 fine or heat sources.
 - Protect the charging equipment against water contact on rainy days.
- Before charging:
 - Make sure 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.
 - Do not modify, disassemble or repair the charging equipment and related ports to avoid charging failure or fire.
 - 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.
- Make sure your hands are properly dry before charging.
- If anything abnormal is found in the vehicle or charging equipment when charging, stop immediately and contact a BYD authorized dealer or service provider.

- Always observe the following precautions when charging 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, which is under 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 charging port.

Compatibility of Vehicle and Charging Infrastructure (EU Standard)

- The signs are located on the vehicle's charging socket, components of the local charging infrastructure (charging station, socket) and on the charging cable.



- The 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 power battery is about to be exhausted. Please charge it immediately, otherwise the service life of the power battery will be reduced.
- Household AC charging means charging with an AC charging connector supplied with the vehicle. Dedicated AC lines and power outlets that meet local standards are recommended. The purpose of using a dedicated line is to protect the line from tripping due to line breakage or due to high-power power battery charging. Using a line other than dedicated lines may affect proper operation of other devices on the line.

- To avoid damage to the charging device (precautions for the charging device):
 - Do not impact the charging device, and prevent mechanical damage due to drops and collisions by external force, etc.
 - Do not place the charging device near a heater or other heat sources.
- Inserting the charging connector 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.
- Removing the charging connector at the end of charging:
 - Stop charging first and make sure the charge port is unlocked.
 - Hold the charging connector with one hand and remove the connector by pressing and holding its button.
 - Do not force the charging connector out while the charge port is locked, otherwise the charge port may be damaged.
- Precautions for charging the vehicle:
 - The A/C can be used as normal while the vehicle is being charged. To ensure the charging power, it is recommended not to turn on 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 power battery is fully charged. Since the charge port is equipped with an electronic lock, unlock the charge port before unplugging the charging device.
- When the DC charging is stopped, turn off the charging machine before disconnecting the charging connector. When charging with household portable AC power is stopped, disconnect the charging

connector from the vehicle and then the power supply plug from the power source.

- When charging is complete and the charging connector is unplugged, make sure that the charge port cap and the port hatch are closed, as water or foreign materials may enter the port and affect its normal use.
- Before starting the vehicle, make sure that the charging device is disconnected, as the charging device locking mechanism can cause damage to the charging device and the vehicle if the charging connector is not inserted in place and the vehicle is driven with the transmission gear engaged.
- Battery temperatures that are too low or too high can compromised 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. These are normal phenomenons.
- For faster low-temperature DC charging, it is recommended that you 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, it is recommended that you charge the vehicle immediately after using it, as the battery is relatively hot and has better charging performance.
- A/C turned 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 operates during charging, the charging power displayed on the instrument cluster may fluctuate for a short time.
- Before the charging is complete, for longer battery life, battery equalization is activated and thus the charging time may be longer.
- In case of high-temperature high-power DC charging, the performance of battery temperature control system may be affected by the A/C in the passenger compartment, and the charging performance may

degrade, resulting in an extended 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.
- During charging, battery cooling may start, and the compressor, fan and other components work when necessary. It is normal that there will be some noise under the hood.
- 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.
- If the charge port hatch is frozen due to weather or other reasons, do not force it open.

Tip

- Do not open the charge port hatch forcibly when it is locked.
- Do not forcibly insert the charging connector with the electrical lock locked.
- When the charge port cap is fully open, do not close the port hatch.
- When the vehicle is charged with an external power supply, it is normal that the cooling fan and A/C compressor may operate automatically in order for the power battery to heat up or cool down.

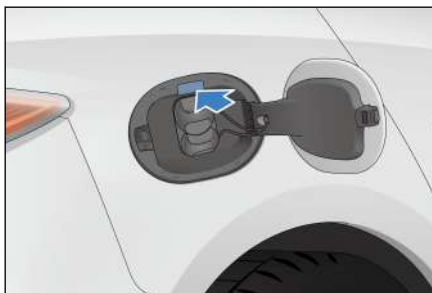
General Charging Troubleshooting








Fault	Possible Cause	Solution
Charger is connected, charge starts, but battery will not charge.	Power battery is full	When the power battery is fully charged, the charging will stop automatically.
	Power battery temperature is too high or too low	Keep the vehicle in an environment with appropriate temperature and charge it when the temperature becomes normal.
	Starter iron battery over-discharges	Replace the starter iron battery.

Fault	Possible Cause	Solution
	Charging device failure	If it is verified that the charging device's power indicator is working properly, or that there are no other unusual indications, change the charging device or contact the charging device supplier.
	Vehicle display failure	Verify that there is a charging system fault message on the instrument cluster, then stop the charging. It is recommended to contact a BYD authorized dealer or service provider.
Charging stops midway	AC grid outage	When the power grid is restored, the charging will automatically restart.
	Charging cable is not connected properly	Verify that the charging connection cable is not loosely connected.
	Charging connection switch is pressed	If the charging connection switch is pressed, the charging will stop. The charging connection should be connected again to start charging.
	Power battery temperature is too high or too low	If the instrument cluster shows that EV function is limited, the charging will automatically stop. Charge the vehicle when the battery temperature returns to a normal level.
	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.

AC Vehicle Charge/Discharge Indicator

- The charge/discharge indicator is located in the charge port hatch on the right side of the vehicle body to indicate charging status in green, yellow, red, blue, and white colors.
- If the charging/discharging connector is not connected, the indicator remains solid white for a period of time. If the vehicle is locked during use, the indicator is on for a period of time and then turn off. When the vehicle is unlocked, the indicator lights up again.



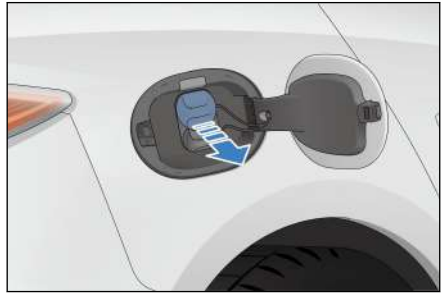
Function	Vehicle Status	Indicator Status	Color
Lighting	Charging port opened (no connector connected)	Solid white	
Charging	Charge/discharge initialization process	Flashing yellow	
	Charging being scheduled/charging paused	Solid yellow	
Charging	Charging in progress	Flashing green	
	Charging complete	Solid green	
Discharging	Discharging in progress	Flashing blue	
Fault	Charge/Discharge fault	Solid red	

Charging Method

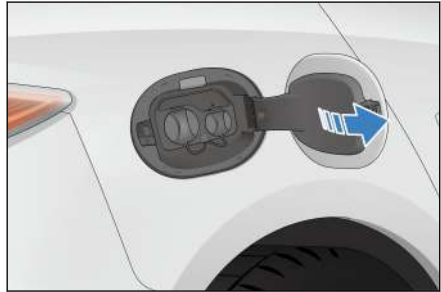
- Before charging:

- Check charging equipment and port for cracks, wear, rust or obstructions.
 - Make sure connection is tight.
 - Make sure the port is clear of fluids or dirt, and its metal terminals are not rusty or corroded.
- In any of these cases, do not charge, under risk of short circuit or electric shock.

Charging port configuration 1



Charging port configuration 2



Household Portable AC Charging

1. Device description

- 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) equipment 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.

Warning

- For specific charging safety warnings, please refer to Charging Instructions.
- 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 a tire.
- 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.
- It is strictly prohibited to modify, disassemble, or repair the charging equipment and its 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, the charging connector cable is worn out, 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 any sign of surface damage.

i Tip

- It is recommended to contact a BYD authorized dealer or service provider or local electrician to select an appropriate power supply according to requirements of the charging device.
- Grounding instructions for the charging device: The device must be well grounded, and if the charging device fails or is damaged, the ground cable can provide a minimum impedance circuit discharge to reduce the risk of electric shock. The device is equipped with a ground cable connecting the ground point of the device with that of the power plug, and the power plug must match a properly installed and well-grounded power supply outlet.
- The charging cable cannot be placed in a spiral during charging, as this will affect heat dissipation.
- See the charging instructions for specific charging precautions.

2. Charging

Unlock the vehicle and open the charge port hatch.

- Open the charge port hatch:
 - With the vehicle doors unlocked, it is recommended to power off the vehicle, then press the charge port hatch. The hatch then opens automatically.



⚠ Warning

- To prevent the electrical charging port hatch from failing, do not open and close it repeatedly.

- Open the vehicle charge port cap, 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:
 - Insert the power plug of Mode 2 equipment into a household socket.
- Connect the vehicle port:
 - Insert the charging connector into the vehicle socket.
 - After the charging connector inserted, the charging connection indicator on the instrument cluster or infotainment screen lights up.
- During charging, the instrument cluster displays relevant charging parameters and charging animation.
 - At this point, you can schedule charging on the infotainment system. See function setting descriptions in [Charging Reservation](#) for the setup process.

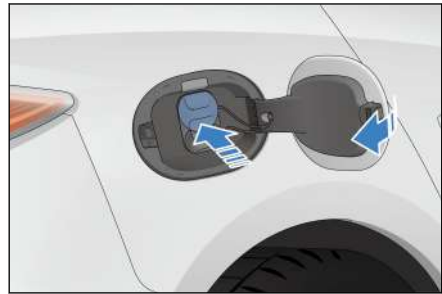
3. Stopping charging

- 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:
 - If the anti-theft mode of the electrical lock is deactivated, directly press the mechanical button of the charging connector and pull out the charging connector.
 - If the anti-theft mode of the electrical lock is active, press the unlock button on the key or press the microswitch on the door handle (when the key is nearby), then press the mechanical button of the charging connector to pull out the charging connector.

i Tip

- 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).
- While the electrical lock is in anti-theft mode, unlock the vehicle to release electrical lock of the charge port before pulling out the charging connector. The connector has to be pulled out within 30 seconds, or the port will re-lock.
- The electrical lock mode can be set on the infotainment system. For setup procedure details, see Electric Lock Control of the Charge Port.
- If the charging connector cannot be removed after the unlocking operation, try a few more unlocking attempts. If that does not work, try emergency unlocking. For the operating procedure, refer to Emergency Unlocking of the Charge Port in Electric Lock Control of the Charge Port.

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



i Tip

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

⚠ Warning


- Never drop the Mode 2 equipment or pull it directly by its cable. Handle the equipment with care when moving it. Store the equipment in a cool place after use.

Charging with AC Charging Piles**1. Device description**

- Single-phase AC charging box *
 - Use a standard-compliant household charging box. For how to use the charging device, refer to its user manual or follow the operating steps.
 - Single-phase AC charging box: The device consists of a charging box, a charging connector and a connecting cable. Refer to the charging box instruction manual for information on circuit breaker and emergency stop switch.
- 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 system.

2. Charging

- Unlock the vehicle and open the charge port hatch:
 - Open the charge port hatch by following the instructions on unlocking the charge port hatch in section Household Portable AC Charging.
- Connect the vehicle port:
 - Connect the connector of the charging device to the charge port in the vehicle and lock it securely.
- Charging settings:
 - For AC charging piles/boxes that require authentication by, for example, card swiping or QR code scanning, see instruction manual for charging piles/boxes.

- The charging connection indicator  on the instrument cluster lights up.
- During charging, the instrument cluster displays relevant charging parameters and charging animation.

3. Stopping charging

- End the charging:
 - The charging device stops automatically when early stop is set or charging has been completed.
- Disconnect the charge port:
 - Disconnect the connector by following the instructions in section Household Portable AC Charging.
- Close the AC charge port hatch (see the household portable AC charging process).
- Organize the charging device and store it properly.
 - If using an AC charging pile/box, place the charging connector in its designated location in the charging pile/box.

Charging with DC Charging Piles

1. Device description


- Charge the vehicle using a DC charging pile in a public place, which is typically installed at a specific charging station.
- Charging time: Refer to the charging time message on the instrument cluster.
- Equipment specifications: Please check the instructions for the charger.

2. Charging

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

- Unlock the vehicle, and open the charge port hatch and port cap.
- Connect the vehicle port:
 - Plug the charging connector to the charge port in the vehicle and lock it securely.
- Follow the instructions for the charging device to start charging.



- The charging connection indicator  on the instrument cluster lights up.
- During charging, the instrument cluster displays relevant charging parameters and charging animation.

3. Stopping charging

- End the charging:
 - Charging ends automatically when early stop set for the charger is due or the charging is complete.
- Disconnect the charge port:
 - Press the mechanical lock button of the DC charging connector to pull out the connector.
 - Press the unlock button twice within 3 seconds or press the microswitch on the door handle. The vehicle stops charging.
- When the DC charging pile charging is complete, organize the charging device and store the charging connector in its designated position in the charger properly.
- Close the DC charge port cap and the port hatch.

Tip

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




⚠ Note

- When the charging is completed, if the charging connector cannot be removed after the unlocking operation, try a few more unlocking attempts. If that does not work, try emergency unlocking. For the operating procedure, refer to Emergency Unlocking of the Charge Port in Electric Lock Control of the Charge Port.
- The unlock button must be pressed twice within 3 seconds to successfully unlock DC charging.
- See Charging Instructions for specific charging precautions.

⚠ Warning

- See the charging instructions for specific charging safety warnings.

Charging Reservation

- The charging mode can be set on the infotainment system. Access the setting page in the following way:
 - Tap  (infotainment system) → New energy to go to the "Charging Reservation" page.
- You can exit the Charging Reservation page by tapping the Back  or Home  button.

Settings page

- ① Charging reservation switch
- ② Charging time
- ③ Repeat cycle
- ④ Settings



- The default factory setting is to charge the vehicle immediately. That is, the charging reservation switch is turned off.

- To schedule a charging, tap the Charging reservation On button ①, set the charging start time ② and repeat cycle ③, and tap "OK" to save the settings.
- After the reservation is set up successfully, if you connect the charging connector or press the power button to power off the vehicle during the charge waiting period, the infotainment system will remind you that the current charging is a reserved charging and you can change it to immediate charging as needed.
- You can tap the charging reservation setting icon ④ to turn off the Charging Connector Connection Alert and Power-Off Alert functions in the Charging Reservation Alert.

Note

- The scheduled charging function is only developed for slow AC charging equipment supplied by BYD. Please disable this function when using slow AC charging equipment that is not certified by BYD. Otherwise, scheduled or immediate charging may fail due to no response from the equipment, resulting in insufficient battery power or even lack of electricity.

Tip

- The "Charge Now" option on the reminder page is valid only for the current charging reservation. To cancel all reservations, turn off the charging reservation switch on the corresponding setting page.
- In the event of low battery, the vehicle is charged to the minimum level before charging scheduled charging begins. In this process, the infotainment system still gives reminder messages for Power Off and charging connector connection, and corresponding tips appear at the lower part of the instrument cluster.
- When connecting the DC charging connector*, the schedule setting is invalid, and the vehicle will go into immediate charging.


Smart Charging Function

- This vehicle has the smart charging function and does not need to be disconnected from the negative terminal of the starter iron battery when parked for an extended period of time.
- When the Starter Iron Battery Manager detects that the charge level of the starter iron battery is too low, the starter iron battery can be charged with the power battery.

Tip

- When the vehicle is stored for a long time, the smart charging function may be activated, which is normal and not a vehicle failure.
- Power for smart charging comes from the power battery pack, so it is normal that an SOC decrease is noticed when the vehicle is powered on.
- To avoid power battery over-discharging due to the smart charging, when the vehicle is in low SOC and smart charging is not available at low SOC, avoid the vehicle being parked in low SOC for a long time, charge it timely instead.

Electric Lock Control of the Charge Port

In order to prevent the charging connector from being stolen, the charge port of this vehicle is anti-theft during charging and discharging. The anti-theft function is disabled by default. To enable the function, go to the operation page by tapping  (infotainment system) → New energy → Charge Settings, and then tap "Activate".

■ When the function is enabled, unlock the vehicle and unplug the charging connector during charging in the following ways:

- 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.
- Press the center console lock under the window in the driver's side door to unlock.



■ As shown in the table below, if the vehicle is in state 2/3/4, apart from the above-mentioned unlocking operations, you can unlock and pull out the charging connector by pressing its button. However, this may affect the service life of the charge port or charging connector. This is an emergency action that is not recommended to take frequently.

No.	Electric Lock Anti-theft Mode Status	Vehicle Door Anti-theft Lock Status	Can the Charging Connector Be Removed?
1	Enabled	Locking	No
2	Enabled	Enabled	Yes
3	Disabled	Locking	Yes
4	Disabled	Enabled	Yes

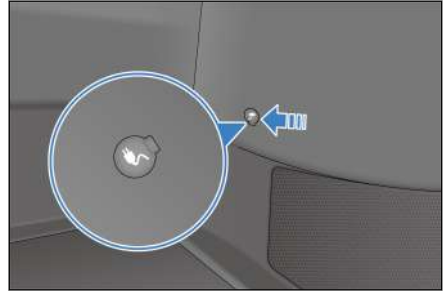
⚠ Note

- Unplug the charging connector in 30 seconds after unlocking or it will be locked again.
- When the anti-theft mode is disabled, the electrical lock of the charge port automatically releases once the charging is stopped. When the anti-theft mode is enabled, the vehicle needs to be unlocked first.

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.

1. Open the trunk lid. There is an emergency cable for the charging connector on the right side panel inside the trunk.
2. Unlock the charging connector by unlocking the emergency cable latch and pulling the emergency cable.
3. Reset the emergency cable latch after the unlocking is complete.



i Tip

- If the above functions are abnormal or fail, contact a BYD authorized dealer or service provider.

Discharging Method

- This vehicle features a vehicle to load (VTOL) function.

i Tip

- This function is recommended to be used only when SOC is high.
- This function will be limited when the vehicle is using external discharge or when power is low.
- When ignition status is OFF and VTOL is connected without output for a long time, the vehicle's static power consumption increases. It is recommended that the discharging/charging connectors are removed when the device is not in use.

⚠ Note

- For precautions on the use of discharge connection devices, refer to article 3 of charging precautions, charging precautions for charging equipment.
- Before discharging, confirm the vehicle's power and estimate the remaining driving range.
- Before VTOL discharging, ensure that the load is turned off.

⚠ Warning

- When discharging, do not touch the discharge power strip, in-car discharge socket, or the metal end of the vehicle's charging port.
- If anything unusual is noticed during discharge, such as smoke or smell, stop it immediately.
- Discharging safety warnings are the same as charging safety warnings (refer to charging instructions).
- Store the product in a cool dry place when not in use.
- When discharging, do not place the device in the trunk, under the front of the car or near the tires.
- When using it, avoid it getting rolled over by the vehicle, dropped, or trampled on.
- Never drop the device. Never move it by pulling it directly by its cable. When moving the device, it needs to be handled with care.
- Never use the discharging equipment if the power supply strip cable becomes soft, the discharging nozzle cable is worn out, the insulation layer is cracked, or in case of any other damage.
- Never use the equipment when the discharging connector or power supply strip is disconnected, broken, or 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 hatch switch, then open the port hatch and the port cap.
- Check before discharging:
 - Ensure that the battery capacity of the vehicle to be discharged is not below 15%.
 - Ensure that VTOL connection device is free of abnormalities such as broken housing, rusted plug, or foreign materials.
 - 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 VTOL 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 port cap and the port hatch (refer to [Household Portable AC Charging*](#)).
- Organizing the device:
 - Store the device properly when discharging is complete.

Driving Range Display

- The "Driving Range Display Mode" can be set to improve driving experience. The default setting is "Standard".
- For corresponding settings, tap  (infotainment system) → New Energy → Energy Management → Driving 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.

Tip

- 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.

Power Battery

- The vehicle is powered by a power battery that can be charged and discharged repeatedly. The power battery is charged by an external power source or through energy recovery when the vehicle brakes or coasts.
- The power battery is located under the vehicle floor, 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 battery charging switches to trickle charging mode when SOC is high. If the charging time is prolonged, the estimated remaining charging time displayed on the cluster may not be accurate.
 - When SOC is low, the acceleration performance may decline.
 - When SOC is low, VTOL 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 power 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.
 - For charging at low temperatures, the temperature control system can significantly improve the charging capability. For details regarding low-temperature charging, 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 power 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 battery power 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%.

Battery 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.
- Do not keep the vehicle in a place above 40°C for a long time (more than 15 days) as this may reduce the life of the power battery.
- 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 power 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.
- During daily use, please fully charge the vehicle on a regular basis (at least once a week), and fully charge it from a low battery level (<5% SOC) once every three to six months. When SOC is below 10%, it is recommended to discharge the vehicle to below 5% by using

A/C, infotainment system and other low-voltage devices with P gear engaged.

- Under extreme working conditions (such as frequent sudden acceleration/deceleration) that cause battery overheating, if the temperature of power battery is excessively high, it is normal that discharging capability will gradually decrease. 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 power battery directly.
- Please contact a BYD authorized dealer or service provider as soon as possible.
- If the power 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.

⚠ Note

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

⚠ Note

- If there is a collision with the power battery, contact a BYD authorized dealer or service provider immediately for maintenance.

Power Battery Maintenance

- For optimal battery performance, use an AC charging connector to fully charge the battery regularly, and the recommended frequency is once a week at least.
- If the vehicle is going to be idle for over 7 days, it is recommended to keep the SOC between 40% and 60% to extend vehicle service life. If the vehicle is going to be idle for over 3 months, charge the battery fully and discharge it down to 40% to 60% SOC, to avoid battery degradation or even damage.

Power 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 power battery.
2. Take the assessed vehicle to the recycling organization to disassemble the power 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 power batteries to the recycling service outlet. Those who hand over waste power batteries to other organizations or individuals for dismantling or disassembly without authorization, thus causing environmental pollution or accidents, shall bear the corresponding responsibilities.

Iron Starter Battery

- Battery working modes include "Normal", "Sleep", "Ultra-low Power", "Low-Voltage Protection", etc. The purpose is to protect the battery cell from damage. If the vehicle system is in good condition, the vehicle switches between these modes automatically, having no effect on your use of the vehicle.
- To avoid starter iron battery feed, the "smart charging" function will be actively triggered if conditions (hood closed, ignition "OFF", power battery discharging allowed, and starter iron battery level lower than the design value) are met.
- When the smart charging function is triggered, the starter iron battery is charged through the power battery. Therefore, it is normal that the SOC or the pure-electric driving range displayed on the cluster decreases, when the vehicle is started after being idle.
- If "smart charging" fails, the starter iron battery may cut off the vehicle's power supply. If you find before use that the vehicle is not powered, try to activate the starter iron battery by pressing the left front door microswitch continuously, and immediately power on the vehicle to charge the starter iron battery. It is recommended to charge it for more than 1 hour.

Note

- The starter iron battery contains relays. Thus it is normal to hear a "click" sound when the battery is running.
- The starter iron battery shall be charged with professional charging tools, and shall not be removed for recharging without permission.
- Do not jump-start the vehicle with another fuel vehicle, as this may damage the starter iron battery.
- The starter iron battery is a battery on low-pressure platform that is different from an ordinary lead-acid battery. Please read the instructions for use in this manual in detail.
- The starter iron battery has a built-in power manager. Do not disassemble or repair the battery without permission to avoid damaging the battery or causing personal injury.

⚠ Note

- The starter iron battery needs to communicate with the vehicle for normal use, so it is important to connect its connector and wiring harness correctly.

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. It is recommended that this be done within the first 5,000 km in economic mode by smoothly driving, instead of high-speed driving. The following practices can effectively prolong vehicle service life:
 - Avoid flooring the accelerator pedal when starting and driving the vehicle.
 - Avoid speeding.
 - Avoid emergency braking within the first 300 km.
 - Do not maintain a high or low speed for too long.

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.

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.

 Tip

- 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 vehicle's total load (vehicle + passengers + luggage) is not allowed to exceed the maximum allowable mass.

 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.
- 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.

i Tip

- Be careful with children's toys inside the cabin, for these may pose a hazard in case of emergency braking or accidents.

Loading the Trunk

- Place luggage evenly in the trunk. Put 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 to a height taller than seat backs.

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 damaged 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.

i Tip

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

Starting the Vehicle

In normal cases, start the vehicle as below:

- Engage the parking brake firmly.
- Switch the gearshift lever to P or N.
- Carry a valid smart key.
- Press the Start/Stop button ② while pressing the brake pedal ①.
- When the "OK" indicator lights up on the cluster, the vehicle is powered on.
- The vehicle cannot power on when:
 - The smart key warning light lights up, there is a beep, and a "No key detected" message is displayed on the cluster, meaning 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.

⚠ Note

- Do not touch the power button while driving.

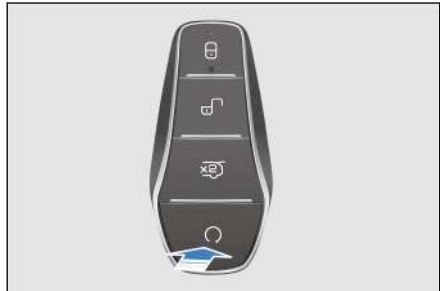
Remote Start Function*

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 2 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 2 seconds. The vehicle stops and powers off, and turn signals flash twice.



Driving

- During the driving, energy is recovered through regenerative brakes when the vehicle decelerates. For higher efficiency, do not accelerate or decelerate the vehicle unnecessarily.
- To set the energy regeneration intensity, go to  (infotainment system) → New Energy → Energy Management.

- 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.
- 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.

Tip

- Do not set the regeneration intensity when driving the vehicle in high speed, as the driver may be distracted.

- The driving modes are ranked as SPORT, NORMAL, and ECO, in descending order of driving power. Be sure to drive safely.
- The power of the whole vehicle is weaker at low battery level than that at high battery level.

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: Verify that headlights, parking lights, position lights, turn signals, and other lights are all working. 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.

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.
- **Starter iron battery and cables:** Inspect connectors for any corrosion or looseness and any cracks in starter iron battery housing.

Check after starting

- **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.

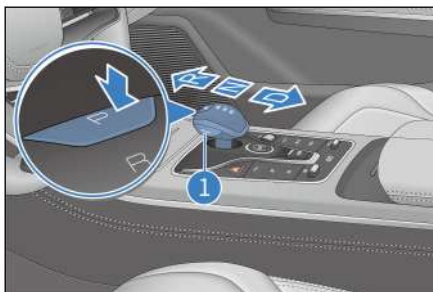
If everything is OK, enjoy driving with confidence.

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". Depress the brake pedal, press the UNLOCK button ①, and toggle the gearshift lever to switch from "P" to another position.



! Note

- The "P" gear button must only be pressed after the vehicle has come to a complete stop.
- "R": Reversing gear. It can only be used when the vehicle has come to a complete stop.
- "N": Neutral gear, used for temporary stop.
 - The Parking gear must be engaged whenever the driver leaves the vehicle.
- "D": Drive gear, used for normal driving.
- Before shifting into "D", ensure that the power switch is on "OK"
- Shifting out of "P" or to "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

- If the motor is turned off and the vehicle travels for a long time after it is in the "N" gear, the transmission may be severely damaged due to lack of lubrication.
- When the motor is running and the vehicle is in the "R"/"D" gear, always stop the vehicle by stepping on the brake pedal, as there is still force transmitted from the actuator and the vehicle can travel slowly even in its idle condition.
- If you want to shift a gear while driving forward, do not step on the accelerator pedal to prevent accidents.
- Never set the shift lever to "R" or press the "P" button while the vehicle is in motion, to prevent accidents.
- It is not recommended to allow the vehicle to go down a ramp when it is in the "N" or "P" gear, even if the vehicle is not started.
- To prevent inadvertent vehicle movement, apply the parking brake when the vehicle comes to a full stop and press the "P" button.

Electric Parking Brake (EPB)

EPB Switch

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



Manual EPB Engagement

Pull up the EPB switch so that the EPB applies an appropriate parking force. The indicator (P) on the instrument cluster flashes and then is steady on, indicating that EPB is engaged. In addition, a text prompt "EPB activated" is displayed.

Note

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

Automatic EPB Engagement

Automatic EPB engagement

- When the vehicle is powered off, EPB automatically engages and the (P) indicator lights up on the cluster.

Automatic "P" gear engagement

- Depress 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.

Note

- If the EPB switch is pressed and shutdown, EPB will not be pop up automatically. This operation can be used for towing or pushing the vehicle in case of breakdown.
- During this process, the brake pedal should not be released in advance, especially when the vehicle is parked on a slope, as there is a risk the vehicle will move down.
- This feature is intended to improve the vehicle's autonomous safety, and over-reliance or frequent use is not recommended. To ensure

 **Note**

safety, make sure that the vehicle is set to the "P" gear position or the EPB switch is pulled up before getting out of the vehicle.

- In the first few seconds after starting the vehicle, the EPB system is in the process of power-on self-test, during which it will not respond to all functions.

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.

 **Note**

- 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, depress and hold the brake pedal, and shift the gear from "P" or "N" into a driving gear like "D" or "R". EPB is released automatically, the indicator goes off, and a "EPB released" message is displayed.

 **Note**

- 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 depress the accelerator pedal slowly to a certain degree. EPB is released automatically, with the (P) indicator going off and the message "EPB Released" displayed.

⚠ Warning

- Whenever possible, refrain from using for forced braking. Use the emergency braking function only extreme cases, for example, when the brake pedal fails or is blocked.
- This is because EPB cannot exceed the physical limit of road adhesion. If the emergency braking function is used in curves, dangerous or congested roads, or in bad weather conditions, the vehicle may drift, skid or deviate.

Release Failure

- 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 switch 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

- When the vehicle is running and ESC system works properly, if the brake is stuck or fails, controller deceleration parking (CDP) can be used. If only EPB is engaged, the braking deceleration is 0.4 g; if EPB is engaged with the brake pedal pressed at the same time, the braking deceleration is 0.8 g. Avoid using EPB for forced braking, but only activate the emergency braking function in case of emergencies such as brake pedal failure or stuck brake pedal.

EPB System Indicator

- When the vehicle is powered on, if the EPB is engaged, the indicator (P) on the instrument cluster will be steady on.
- When the vehicle is powered off, if the EPB is engaged, the indicator (P) on the instrument cluster will go on and then go off after about 3 seconds.
- When the vehicle is powered on, the EPB system starts self-check. The indicator (P) on the cluster will go on and then go off after about 3 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 Activation 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.

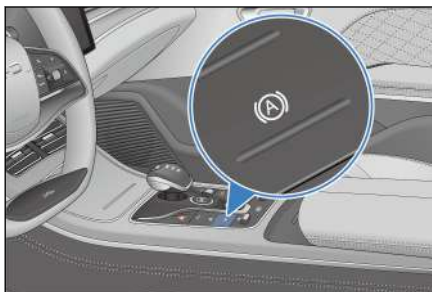
Warning

- 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)

The auto vehicle hold (AVH) takes place when the vehicle needs to be 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 depressed to stop the vehicle.

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



⚠ Note

- Depressing the accelerator pedal, switching to the "P" gear, or engaging the EPB will make the vehicle exit AVH mode and return to the AVH standby status; even if the AVH standby status conditions are not met, the vehicle will also exit AVH mode.

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 power status is on "OK".
- Both ESC and EPB systems are normally.

⚠ Note

- Upon power-on, the AVH function is disabled by default. It enters stand-by mode, and the instrument cluster displays a white AVH stand-by status indicator.

AVH Running Conditions (All Must Be Met)

- The AVH function is standby.
- In D gear, the brake pedal is depressed to stop the vehicle.
 - The AVH function is enabled, brake lights and the high mounted stop lamp 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.

⚠ Note

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

Tip

- The battery is located in the vehicle's chassis. Make sure to avoid bumping when driving on rough terrain.
- Before driving, make sure that EPB is fully released and that the EPB indicator light is off.
- Do not leave the vehicle on "OK" ignition status.
- 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 skidding.
- Make sure no occupant sticks their head or hands outside the vehicle, specially when it comes to children.
- Avoid driving through flooded areas as much as possible.
- Large amounts of water entering the front compartment will 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.

Key Points for Winter Driving

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.
 - Low-voltage battery 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.

⚠ Note

- 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.


Adaptive Cruise Control (ACC)

- The adaptive cruise control (ACC) system is an extension of traditional cruise control. It detects the relative distance and speed of the vehicle ahead through a radar and a multifunctional video controller, actively controlling vehicle speed for automatic cruise control. Depending on whether there is a vehicle ahead, the system switches between regular cruise control and ACC.
- 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 (20 to 95 mph) range, or a fixed distance from the vehicle ahead can be set to cruise at speeds between 0 and 150 km/h (0 to 95 mph).

Status Description

- ACC not to be activated:
 - When vehicle power-on initialization has not been complete, the ACC system cannot be activated and the instrument cluster does not display corresponding icons.
- 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, the  icon (along with a variable cruise speed value) 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, the  icon (along with a variable cruise speed value) is displayed on the cluster.
- Over speed:
 - When the driver steps the accelerator pedal while ACC is active, the vehicle responds to the driver's acceleration action so that

the ACC is temporarily deactivated until the accelerator pedal 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.

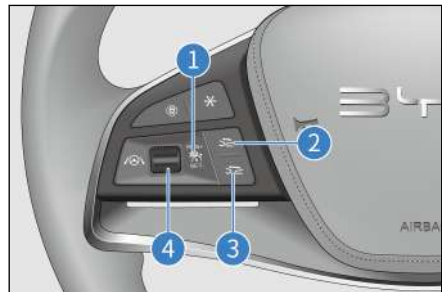
ACC System Activation Conditions

- The EPB is released.
- Vehicle is in D gear.
- The vehicle does not slide backwards.
- The trunk, hood, and all doors are closed.
- Driver seat belt is fastened.
- The ESC system is started, but not activated yet.
- The vehicle speed is not greater than 150 km/h (95 mph).
- The brake pedal is pressed when the vehicle speed is 0 km/h, or the brake pedal is not pressed when the vehicle speed is over 0 km/h.
- There is no vehicle network communication failure prompt on the instrument cluster.
- The AEB function is not activated.

Usage

ACC activation/exit button

- Press button ① to activate or exit ACC (The system is in standby when activation conditions are met). (By default, ACC activation by pressing button ① sets the current speed as the cruise speed. If the current speed is below 30 km/h, the cruise speed is set to 30 km/h.)



ACC reset

- When the ACC system is in standby within the same ignition cycle, the system memorizes the last speed setting. Push up the lever ④ to restore to the stored speed prior to exiting the cruise system last time.

Increasing/Decreasing target speed

- When ACC is active, set vehicle to a speed within the 30~150 km/h range by moving the lever ④. Toggling the lever ④ up or down increases or decreases target speed by 5 km/h.

ACC exit

- While ACC is active, pressing button ① for a second time or pressing the brake pedal makes the ACC system go on standby.

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 ② and ③ 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, the driver can press the accelerator pedal to reach the set target cruise speed in advance. The system then enters over speed mode. If the vehicle is already running at the target speed and the driver presses the accelerator pedal without performing any other operations, the vehicle will return to the target speed after the accelerator pedal is released. If the driver presses the brake pedal to slow down continuously, 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 30 seconds.
- If the vehicle stops for less than 3 minutes, the driver needs to reactivate ACC by pressing the accelerator pedal or pushing up lever ④.

- If the vehicle stops for more than 3 minutes, the ACC system enters standby mode, with EPB engaged.

System Limitations

- The radar is installed at the front area of the vehicle. Blockage of its detection area by contaminants can disturb the intended function. In particular, if the sensor is covered by snow completely, the ACC system exits and notifies so through HMI. System function will recover after blockage is removed and the vehicle is restarted or runs for a while.
- The radar 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 under normal conditions for a while.
- Reaching or leaving a curve may delay or disturb target selection. In such cases, the ACC vehicle may not brake as expected or may brake late.
- On roads with sharp curves, such as winding roads, the vehicle ahead may be out of ACC sensor detection for several seconds due to sensor vision limitations, possibly causing the ACC vehicle to accelerate automatically.
- 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 system may not be able to identify stationary or slow-moving objects, such as vehicles, the end of traffic, toll booths, bicycles, or pedestrians. This means a risk of collision and requires the driver to beware of the surroundings.
- The ACC system cannot identify pedestrians or oncoming vehicles.
- The ACC system can only achieve limited braking instead of emergency braking.

- Metal objects, such as rail or metal plates used in road construction, may interfere with the radar so that it cannot work under normal conditions.

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.
- ACC assists instead of replacing the role of the driver. The driver is responsible for abiding by traffic rules and keeping vehicle control.
- 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, the ACC system cannot keep a safe distance from the vehicle ahead.
- 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 lane change is too fast, or when the safe distance from the vehicle ahead is too short, there is no adequate time for the system to decrease the relative speed, so response has to come from the driver. The system cannot give audio or visual warnings in every case.
- 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 properly detect the distance from the vehicle ahead, resulting in late or no response to that vehicle. 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 does not recognize the end of the vehicle ahead but the lower end of the target (for example, 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.
- Changing the vehicle structure, such as lowering the chassis or changing the front license mounting plate, may affect the ACC system.
- 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 radar and multifunctional video controller:
 - Removal of radar, front bumper, or front windshield;
 - Four-wheel alignment has been carried out.
 - The vehicle experienced a collision.
 - ACC system performance decline or system error notified by instrument cluster.




Warning

- ACC only serves as a driving assistance function, so the driver must be fully responsible for driving safety.
- Influence of weather, road conditions, and other factors may cause ACC to fail.
- Use ACC based on your needs, traffic, and road conditions.

Intelligent Cruise Control (ICC)*

- The intelligent cruise control (ICC) system integrates ACC and lane centering control (LCC). It helps control the vehicle both longitudinally and transversely at speeds between 0 and 125 km/h 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.
- Longitudinal assistance, driven by the ACC system, keeps the vehicle at a fixed speed or a fixed distance from the road user ahead.

Status Description


- ICC standby:
 - The ICC system is in standby by default and can be manually activated. If the vehicle does not meet activation conditions, the vehicle must be checked until such conditions are met. At this time, the  icon is displayed on the cluster.
- ICC activated:
 - The ICC system is operational. It maintains the set speed or automatically adjusts the distance from the vehicle ahead. At this time, the  icon is displayed on the cluster.
- ICC failure:
 - There has been a failure in the system. No operation can be performed, and the ACC fault indicator  lights up on the cluster.

ICC System Activation Conditions

- The EPB is released.
- Vehicle is in D gear.
- The vehicle does not slide backwards.
- The trunk, hood, and all doors are closed.
- Driver seat belt is fastened.

- The ESC system is started, but not activated yet.
- Vehicle speed is not greater than 125 km/h.
- Brake pedal is depressed at speed 0; or brake pedal is not depressed at speeds above 0.
- There is no vehicle network communication failure prompt on the instrument cluster.
- The AEB function is not activated.
- Two-way lane lines are clear and the vehicle is at the center of the lane.

Usage

- Press the  button on the steering wheel to activate or exit ICC. (By default, when the function is activated, the current speed is set as the cruise speed. If the current speed is below 30 km/h, the cruise speed is set to 30 km/h.)
- For how to set the cruise control speed and vehicle distance, see descriptions for the ACC function.
- To turn ICC on or off, go to infotainment system and tap DiPilot → Advanced Driving Assist. (If the soft switch is turned on, ICC can be disabled only when the vehicle is in P gear.) When the vehicle is just started up, ICC status before the last power-off is maintained.

Precautions

- Given that the ICC system integrates ACC and LCC, precautions on ACC must be followed in the use of ICC.
- When ICC is turned on and activated at vehicle speeds between 0 km/h and 125 km/h:
 - If there is no lane lines ahead, transverse ICC control is suppressed and only ACC works. In that case, ICC working status indicator turns gray on the instrument cluster.

- If lane lines ahead are clear and recognizable, transverse ICC control is activated automatically. In that case, ICC working status indicator shows activated status on the instrument cluster.
- 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.
- Do not use the ICC system on successive curves with sharp turns, on icy and slippery roads, or under weather conditions that can obstruct the radar or camera's field of view.
- Settings where ICC cannot be used:
 - The sensor is blocked.
 - The vehicle is running under severe weather conditions.
 - Active safety function is triggered.
 - Vehicle speed exceeds specified range.

⚠ Warning







- ICC only serves as a driving assistance function, so the driver must be fully responsible for driving safety.
- Influence of weather, road conditions, and other factors may cause ICC to fail.
- Use ICC based on your needs, traffic, and road conditions.

Predictive Collision Braking (PCW)* and Automatic Emergency Braking (AEB)*

- Pedestrian collision warning (PCW) system and automatic emergency braking (AEB) system detect vehicles and pedestrians ahead by using a radar and multifunctional video controller. When a risk of collision

is detected, the system gives a audio 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.

Usage

- To enable or disable the PCW and AEB, go to  → DiPilot → Active Safety. By default, the function is enabled when the vehicle is started.
- PCW gives alarms in forms of audio, text, and intermittent braking.
- When PCW is activated, a green indicator  or a red indicator  flashes, depending on the level of emergency, and a prompt message is displayed on the instrument cluster.
- When AEB is triggered, a red indicator  flashes together with a prompt message on the instrument cluster.
- In the event of malfunction, the cluster displays a  icon.
- If AEB is disabled manually by pressing buttons, a  icon is displayed on the cluster.

PCW System Activation Conditions

- All the following conditions must be met:
 - The driver enables the function through HMI.
 - If the vehicle is approaching a moving target, vehicle speed is between 30 km/h and 150 km/h. If it is approaching a stationary target, vehicle speed is between 30 km/h and 85 km/h.

AEB System Activation Conditions

- All the following conditions must be met:
 - The driver enables the function through HMI.
 - If the vehicle is approaching a moving target, vehicle speed is between 4 km/h and 150 km/h. If it is approaching a stationary target, vehicle speed is between 4 km/h and 60 km/h.
 - The EPB is released.

- Vehicle is in D gear.
- The vehicle does not slide backwards.
- The trunk, hood, and all doors are closed.
- Driver seat belt is fastened.
- The ESP system is started, but not activated yet.

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 fail to properly detect the distance from targets ahead, resulting in late or no response to those vehicles.
- In the following cases, the predictive emergency braking (PEB) system may be affected or give no response:
 - In rainy, snowy or foggy days, or exposure to direct sunlight or glaring lights, or environments where lighting varies significantly;
 - 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 background.
 - 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 only when it exceeds certain speeds. Careful driving is always required, because the system may not be triggered correctly.
- When the ESC function is disabled or the trouble light is on, the AEB system cannot work normally.
- 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, depress the throttle pedal hard or brakes hard.
- 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 under normal conditions for a while.
- When radar or camera surface is dirty or covered with foreign materials, a message is displayed on the instrument cluster (Radar or camera sensor may become blind if its surface is dirty or covered with

foreign materials) and both PCW and AEB are disabled. The functions will return after the sensor is cleaned.

- As the pedestrian protection function is limited by certain physical conditions, the driver must take timely and effective control of the vehicle under dangerous conditions.
- 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, such as radar or camera misalignment, the pedestrian protection function may trigger wrong warnings or braking .
- The brake pedal becomes harder if 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 with doors closed and seat belts fastened and fails 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 depress throttle hard.
 - The drivers frequently switches between throttle and brake pedal.
- System performance may be reduced in the following cases:
 - Strong front bumper impact.
 - 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 the medium-range radar and multifunctional video controller in any of the following situations:
 - Removal of medium range radar or multifunctional video controller.
 - Toe-in and rear-wheel camber adjustment during four-wheel alignment.

- Collision.
- ACC system deterioration or abnormality.
- Do not attempt to test the predictive emergency braking system on your own using objects such as carton, iron plate, dummy, etc. The system may not work properly and thus result in accidents.


Warning


- PCW and AEB only serve as driving assistance functions, so the driver must be fully responsible for driving safety.
- Influence of weather, road conditions, and other factors may cause PCW and AEB to fail.
- Use PCW and AEB based on your needs, traffic, and road conditions.

Front Cross Traffic Alert (FCTA)/Front Cross Traffic Braking (FCTB)*

Front cross traffic alert (FCTA)/front cross traffic braking (FCTB) detects vehicles crossing the driveway at the front through radars on both sides of the front bumper to alert the driver and engage the brake if necessary. At low vehicle speeds, when the function detects a risk of collision with a vehicle crossing the driveway at the front, it provides the driver with visual and audio alerts; the brakes automatically to prevent a collision that is about to occur.

Usage

- To enable or disable the FCTA and FCTB, go to infotainment system, and tap DiPilot → Active Safety.
- When the function is activated, ambient light for instrument cluster, ambient light on the left of the front row, and rearview indicator flash.
- When FCTB is activated, a red indicator  flashes together with a prompt message on the instrument cluster.

- In the event of FCTA/FCTB malfunction, the cluster displays a  icon.

Precautions

- While the FCTA/FCTB system provides assistance in front monitoring, 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.
- When a target vehicle is approaching from the side at a high speed, the FCTA/FCTB system may not be able to provide adequate warning.
- The driver should ensure the normal operation of the FCTA/FCTB system, keeping radar sensors on both side of the bumper in good condition. For example, dirt, snow or other obstructions covering sensors 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.
- 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:
 - Sudden lane change of a vehicle coming from the side;
 - Obscured target vehicle;
 - Too small radar reflection cross-sectional area of the target vehicle (for example, a bicycle or electric moped);
 - Severe weather, such as rain or snow;
 - Radar coming off, loosely installed, or blocked;
 - Complex metal guardrails or similar road conditions.
- The system does not work when:
 - Targets are outside radar detection range.
 - FCTA/FCTB is switched off.
 - Vehicle is not in D gear.

- Four doors are open.
 - System initialization has not been complete yet.
 - Front corner radar fails.
 - Vehicle is running at a speed greater than 9 km/h or is stationary.
 - Vehicles coming from behind are detected too late at sharp turns, slopes or other settings;
 - Target vehicle speed is outside the 7 km/h~63 km/h range.
 - Vehicle starts up quickly after stop or has been started for 3 seconds.
- Influence of vibration or collision on detection radar sensor calibration can degrade system performance. In that case, you are recommended to contact a BYD authorized dealer or service provider.






Warning

- FCTA/FCTB only serves as a driving assistance function, so the driver must be fully responsible for driving safety.
- Influence of weather, road conditions, and other factors may cause FCTA/FCTB to fail or lead to late braking.
- Use FCTA/FCTB based on your needs, traffic, and road conditions.

Traffic Sign Recognition (TSR)

The traffic sign recognition (TSR) system identifies speed limit signs through the multifunctional video controller, displays such signs on the current road on the instrument cluster, and sends alarm messages to the driver when vehicle speed exceeds the detected speed limit.

Usage

- To enable or disable TSR, go to  → DiPilot → Driving Assist → TSR. The system defaults to settings just before the last power-off when the vehicle starts.
- The speeding alarm threshold can be changed by adjusting the sensitivity of the speed limit alarm.
- When TSR is enabled and identifies the traffic sign, a red indicator icon  (with value in accordance with the sign) is displayed on the cluster.
- When TSR is enabled but able to identify traffic signs, a red indicator icon  is displayed on the cluster.
- If TSR system malfunctions, a yellow indicator icon  is displayed on the cluster.
- If TSR is disabled manually by pressing buttons, a  icon is displayed on the cluster.

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.
- In case of multiple speed limit signs on parallel lanes, the system identifies the sign on the current lane and displays the icon accordingly. Therefore, the driver must remain in the right lane.
- Weight limit signs not in standard size as per national regulations may mistakenly be identified as speed limit signs.
- If the speed limit sign is unclear or distorted, inclined, reflective, partly covered or overlaid, the camera may be unable to identify the sign completely or clearly.

- TSR performance depends on weather conditions, lighting, and sign visibility. The system may be unable to recognize signs completely or clearly 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.

Warning

- TSR only serves as a driving assistance function, so the driver must be fully responsible for driving safety.
- Influence of weather, road conditions, and other factors may cause TSR to fail or lead to late alarms.
- Use TSR based on your needs, traffic, and road conditions.

Intelligent Speed Limit Control (ISLC)*

- The intelligent speed limit control (ISLC) system integrates ACC and TSR. With the system enabled, if the vehicle travels faster than the detected speed limit, a confirmation prompt is displayed asking whether to set cruise speed to that limit. After the driver confirms, the system will automatically set cruise speed to the limit to prevent speeding.
- This function is available at the 30~150 km/h (20~95 mph) speed range.

Usage

- To enable or disable ISLC, go to infotainment system and tap DiPilot → Driving Assist → TSR → ISLC switch.

- When the TSR system is disabled, the ISLC switch is grayed out and unusable. ISLC is turned off at this time. The ISLC switch will be usable after the TSR system is enabled again.
- ISLC can be activated provided that ACC is active.

Precautions

- Given that ISLC integrates ACC and TSR, precautions on ACC and TSR must be followed in the use of ISLC.
- The intelligent cruise control system is a driving assistance system, so the driver should keep control of vehicle at all times.
- ISLC performance depends on weather conditions, lighting, and traffic sign visibility. The system may be unable to recognize signs completely or clearly 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.




⚠ Warning

- ISLC only serves as a driving assistance function, so the driver must be fully responsible for driving safety.
- Influence of weather, road conditions, and other factors may cause ISLC to fail or lead to late alarms.
- Use ISLC based on your needs, traffic, and road conditions.

Intelligent High Beam (HMA)*

The intelligent high beam (HMA) system automatically activates or deactivates the high beam based on current driving conditions assessed by using sensors of the multifunctional video controller, when vehicle speed exceeds 25 km/h.

Status Description

- HMA standby:
 - When the function is enabled but not activated yet, a  icon is displayed on the instrument cluster.
- HMA activated:
 - With the function enabled, when the light switch is on "Auto", the light meets conditions, and vehicle speed exceeds 35 km/h, a  icon is displayed on the instrument cluster.
- HMA failure:
 - HMA has failed. A  icon is displayed on the cluster at this time.

Usage

- To enable or disable HMA, go to infotainment system, and tap DiPilot → Driving Assist. The system defaults to the previous settings when the vehicle starts.
- With the function enabled, when the light switch is on "Auto", the light meets conditions and vehicle speed exceeds 35 km/h, the system automatically switches between low and high beams based on the current driving environment.

Precautions

- The HMA system is an auxiliary light control function. While it is recommended to use the system at high vehicle speeds, the system cannot completely replace the driver. The driver must observe road regulations and actively switch between high and low beams according to road condition changes at all times.
- HMA system exits when fog lights are turned off, wipers are set to high-speed mode, the vehicle is backing up, light switch is not on "Auto", and the environment has too much lighting.

- Even when HMA is working, the driver must respond to possible situations where the HMA is triggered in error or fails to work due to unavoidable environmental factors and conditions. Typical situations are:
 - The driver's stick operation to switch to the high beam is prioritized.
 - The weather, such as fog, rain or snow, is extremely terrible for driving.
 - There are traffic participants with poor lighting (such as pedestrians and bicycles), railways or waterways nearby, or wild animals on the roads.
 - There are highly reflective objects around (e.g., traffic signs on highways, water reflection on the road surface, etc.).
 - The front windshield is dirty, covered in mist, or blocked by stickers or decorations.
- In case there is a collision or the 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.

⚠ Warning

- HMA only serves as a driving assistance function, so the driver must be fully responsible for driving safety.
- Influence of weather, road conditions, and other factors may cause HMA to fail.
- Use HMA based on your needs, traffic, and road conditions.

Lane Departure Assist (LDA)*




Lane Departure Warning (LDW) *

- The lane departure warning (LDW) system identifies lane lines ahead through a multifunctional video controller. If the driver unknowingly departs from the lane at a vehicle speed between 60 km/h and 150 km/h, the system indicates so by means of steering wheel vibration, audio alarms, an instrument cluster prompt.

Lane Departure Prevention (LDP) *

- The lane departure prevention (LDP) system identifies lane lines ahead through a multifunctional video controller. If the driver unknowingly departs from the lane at a vehicle speed between 60 km/h and 150 km/h such that the vehicle is about to roll over lane lines, the system, when activated, slightly turns the steering wheel by providing reverse torque through the electronic power steering (EPS) system to prevent lane departure.
- When activated, LDP system alarms to instruct the driver to take over steering wheel for turn control. The alarm lasts until the system is deactivated and is given by means of sound, visual alarm, and steering wheel vibration. If the system is activated twice or more within a continued 180-second cycle and no turn input comes from the driver during the activation period, the system alarms when it is activated for the second time or any further intervention is performed. For the third intervention (and any further ones), alarms are extended by at least 15 seconds.

Usage

- To enable or disable LDA, go to infotainment system and tap DiPilot → Driving Assist → Lane Assist System.
- Options of LDW alarm forms include audio alarm only, or steering wheel vibration only, and both.
- When LDW or LDP is enabled, a  icon is displayed on the cluster.
- When activated, LDW gives alarms (in the form of sound, visual alarms, and steering wheel vibration). On instrument cluster, virtual lane lines on the side where the vehicle rolls over lane lines turn red.
- When activated, LDP gives alarms (in the form of sound, visual alarms, and steering wheel vibration). On instrument cluster, icon  flashes twice and virtual lane lines on the side where the vehicle rolls over lane lines turn blue.
- In the event of malfunction, a  icon is displayed on the cluster.

System Limitations

- Lane assist system may detect incorrect or no lane lines in complex traffic. In the following cases, the system may fail to work or its performance degrades significantly.
 - Poor visibility in snowy, rainy and foggy days.
 - Dirty or fogged windshield, or blocked multifunctional video controller;
 - Glaring from direct sunlight, reflection or oncoming vehicles;
 - Sudden changes in light, such as entering/exiting a tunnel;
 - Lane lines obscured by tree's shadows on roads in direct sunlight in sunny days;
 - Unidentifiable road boundary with grass, soil or curb.

Precautions

- LDW will be suppressed if turn signal used and the vehicle changes lane as indicated by the turn signal.
- LDW may be suppressed if the vehicle travels over lane lines, or lane lines are unclear, too thin, worn, blurred or covered by dirt/snow.
- LDW may be suppressed if the lane is too wide or too narrow, the number of lanes increases or decreases, lane markings change suddenly on ramps or exits, or in situations of complex line arrangements.
- LDW may be suppressed on slopes or winding roads when the vehicle is too close to a vehicle ahead or the vehicle ahead obscures lane lines.
- LDW 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 camera visual field is cracked, if the glass is dyed or inadequately coated; or if any reflecting object is placed on the dashboard or any other object interferes with camera sight.

- For safety reasons, do not test LDW function on your own. The function will be interrupted if any object blocks the camera or if it is 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 the LDW is recommended under any of the following circumstances:
 - Driving in a sporty style.
 - Severe weather conditions.
 - Driving on uneven roads.
- Situations where lane lines may not be identified include but are not limited to:
 - Unclear lane lines;
 - Incomplete lane lines.
- Situations that may result in detection failure of the camera or late activation of the function include but are not limited to:
 - Camera coming off, loosely installed, or blocked;
 - Rain, snow, smog, and other extreme weathers;
 - Partially or completely blocked camera lens.




⚠ Warning
<ul style="list-style-type: none"> ■ LDA only serves as a driving assistance function, so the driver must be fully responsible for driving safety. ■ Influence of weather, road conditions, and other factors may cause LDA to fail. ■ Use LDA based on your needs, traffic, and road conditions.

Emergency Steering Assist (ESA)*

The emergency steering assist (ESA) system identifies lane lines ahead through a multifunctional video controller and identifies vehicles approaching from behind on the adjacent lanes through a rear corner

radar. It comes to work when the driver begins to change the lane or unknowingly departs from the lane, while the vehicle is running at a speed between 60 km/h and 150 km/h. If a vehicle on the adjacent lane approaches from behind to blind spots such that the system detects a risk of collision, the system activates EPS system to provide reverse torque, keeping the vehicle in the current lane.

Usage

- To enable or disable ESA, go to infotainment system and tap DiPilot → Driving Assist → Lane Assist System.
- When ESA is active, a  icon flashes on the instrument cluster.
- In the event of ESA malfunction, a  icon is displayed on the cluster.
- If ESA is disabled manually by pressing buttons, a  icon is displayed on the cluster.

Precautions

- Situations where lane lines may not be identified include but are not limited to:
 - Pedestrians, animals, and specialty or specially-shaped vehicles;
 - Unclear or incomplete lane lines.
- Situations that may result in detection failure of the camera or late alarm include but are not limited to:
 - Camera coming off, loosely installed, or blocked;
 - Rain, snow, smog, and other extreme weathers;
 - Partially or completely blocked camera lens.
- Situations that may result in detection failure of the radar or late alarm include but are not limited to:
 - Radar coming off, loosely installed, or blocked;
 - Rain, snow, smog, and other extreme weathers;
 - Certain metal guardrails or similar road conditions.

⚠ Warning

- ESA only serves as a driving assistance function, so the driver must be fully responsible for driving safety.
- Influence of weather, road conditions, and other factors may cause ESA to fail.
- Use ESA based on your needs, traffic, and road conditions.

Blind Spot Assist System*

The blind spot assist system includes the following functions: blind spot detection (BSD), door open warning (DOW), rear collision warning (RCW), and rear cross traffic alert (RCTA). It detects environment behind the vehicle through radars installed on both sides of the rear bumper so as to remind the driver of safe driving.

BSD*

- At vehicle speeds 15 km/h, if radar sensors detect a vehicle in blind spots on an adjacent lane or a vehicle approaching quickly on the adjacent lane, indicator on the corresponding side mirror 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.

RCTA*

- When the vehicle is reversing, the RCTA system detects the vehicles traveling in the blind spot at the back through radar. If the system determines that other vehicles approaching from behind may crash into the vehicle, indicators on side mirrors, cluster ambient light, and front interior ambient light flash so that the driver can reduce collision risk.

RCW*




- At vehicle speeds above 5 km/h, if radar sensors detects a risk of collision with a vehicle approaching too quickly from behind, cluster ambient light and front-row ambient light flash to alert the driver. At the

same time, hazard warning light goes on to warn drivers on vehicles at the back against collision risk so that they will drive safely.

DOW*

- DOW is realized with rear corner radars installed on both sides of the rear bumper. When the vehicle is stationary with doors unlocked, the system keeps indicators on side mirrors solid on to warn the driver if moving objects, such as bicycles or automobiles, approach from behind on an adjacent lane. At the same time, image and prompt message are displayed on the instrument cluster and front- and rear-row ambient lights are solid on. If the driver attempts to open the door at this time, indicators on side mirrors and front- and rear-row ambient lights begin to flash.

Usage

- To enable or disable BSD, DOW, RCW or RCTA, go to infotainment system and tap DiPilot → Driving Assist → Blind Spot Assist. The system defaults to the previous settings when the vehicle starts.
- When the blind spot assist system is disabled, no relevant indicators are displayed on the cluster.
- When the blind spot assist system is standing by, if vehicle conditions, such as speed or gear status, do not meet the requirements of any function, a gray indicator  is displayed on the cluster and blind spot assist will not be activated.
- If the blind spot assist system malfunctions, a yellow indicator icon  is displayed on the cluster.
- When the blind spot assist system is active, A green indicator  is displayed on the cluster, meaning that the function has been activated and can trigger alarms at any time.

Precautions

- While the BSD 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 BSD 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 BSD system, keeping the BSD radar sensors in good condition. For example, if they are covered in dirt, snow or other obstructions, they need to be cleared right away.
- 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 BSD system will give an alert.

System Limitations

- 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:
 - Sudden lane change of a vehicle coming from the rear;
 - Sharp turns, slopes and other settings where vehicles coming from behind are detected too late;
 - Obscured target vehicle;
 - Too small curve radius, or when the vehicle enters or exits a curve;
 - Severe weather, such as rain or snow.
 - Radar coming off, loosely installed, or blocked;
 - Certain metal guardrails or similar road conditions.
 - Targets that may not be responded include but are not limited to: Pedestrians and animals;
 - Targets in environments with electromagnetic interference.
- Influence of vibration or collision on BSD radar sensor calibration can degrade system performance. In that case, you are recommended to contact a BYD authorized dealer or service provider.


Warning

- Blind spot assist only serves as a driving assistance function, so the driver must be fully responsible for driving safety.
- Influence of weather, road conditions, and other factors may cause blind spot assist to fail.
- Use blind spot assist based on your needs, traffic, and road conditions.

Head-up Display (HUD)

The head-up display (HUD) function projects important information, including vehicle speed, navigation, speed limit, ACC, lane departure, BSD, etc., into the driver's field of view on the front windshield. It improves driving safety by preventing the driver from frequently changing the focus of their eyes.






■ You can access the setting page in  (infotainment system) → Vehicle settings → HUD.

- **HUD switch:** By factory default, the switch is toggled on and a HUD image is displayed. When the switch is toggled off, no HUD image is displayed. When the vehicle restarts, the switch setting prior to last power-off is maintained.
- **Height Adjusting:** Used to adjust the height of HUD virtual image in between -10 and 10. A total of 21 values are available, and the default value is 0.
- **Brightness Adjusting:** Used to adjust the brightness of HUD virtual image in between 1 and 11. A total of 11 values are available, and the default value is 6.

- Whirling Adjusting: Used to adjust the angle of HUD virtual image to -2° , -1.6° , -1.2° , -0.8° , -0.4° , 0° , 0.4° , 0.8° , 1.2° , 1.6° , or 2° . The default value is 0° .
- Mode Setting: Used to select "Classic" (default setting) or "Snow" mode according to the service environment of the vehicle.
- Settings optional for display: Two types of settings are optional for display and are both turned on by default: safe driving assistance and navigation. Tap the button to select the setting for HUD display. Tap the button again to unselect and close the item.

Tire Pressure Monitoring System (TPMS)

Direct Tire Pressure Monitoring

- The direct tire pressure monitoring system is an auxiliary system that monitors tire pressure in real time to improve vehicle safety and comfort and reduce tire wear and energy consumption due to insufficient tire pressure.
- You can access the instrument cluster menu by pressing the  button on the steering wheel, navigate to the driving information bar by pressing the  and  buttons, and then select the tire pressure display page using the roller on the button.

Tire pressure system alarm

- When the pressure of any tire is lower than 75% of the standard tire pressure and the system is running, the tire pressure fault warning light lights up and the tire pressure value turns yellow. You are then recommended to stop the vehicle to check whether that tire has slow air leakage and inflate the air to a reasonable range.
- When the temperature of any tire is above 85°C for 3 consecutive minutes, the tire pressure system will give a high temperature alarm, and the temperature value of the corresponding tire will turn yellow. You are then recommended to stop the vehicle and wait for the tire temperature to decrease before further driving.

- When one or more tires leak air quickly and the system is running, the tire pressure fault warning light flashes constantly and the tire pressure value turns red. In that case, promptly stop the vehicle and replace tires or contact a BYD authorized dealer or service provider.
- When the system is running, if a fault occurs, the tire pressure fault warning light is solid on after flashing, and the message "Abnormal signal" or "Please check the tire pressure monitoring system" is displayed on the instrument cluster. In that case, please check whether the corresponding tire pressure monitoring module is normal and whether it is within the range of a large electric field for a long time. If the alarm persists for a long time, please contact a BYD authorized dealer or service provider.

 **Note**

- The running time of the tire pressure monitoring module is related to the daily travel distance and other factors.
- The tire pressure 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 is some tire problems, stop driving immediately instead of waiting for the display to signal an alarm.
- If the tire pressure monitoring module is installed incorrectly, it will affect 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.
- Since tire pressure varies with regional temperatures, please inflate or deflate the tires as needed according to the tire pressure values displayed on the cluster and the standard tire pressure values.
- If the vehicle is equipped with non-BYD approved electrical accessories, the tire pressure monitoring system may be disturbed,

⚠ Note

do not misunderstand the disturbance as a tire pressure system failure.

- When replacing wheel rims or spare tires* or performing tire rotations, the tire pressure system needs to be matched again. Please go to a BYD authorized dealer or service provider to re-match the tire pressure.

⚠ 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.

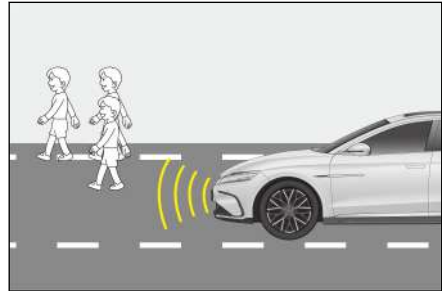
Acoustic Vehicle Alert System (AVAS)

System Function

The acoustic vehicle alert system (AVAS) refers to the broadcast of a prompt sound to pedestrians in proximity to the vehicle when it is traveling at low speeds.


■ When driving forward:

- The broadcast volume increases with increment of vehicle velocity that is at $0 \text{ km/h} < V \leq 20 \text{ km/h}$.
- The broadcast volume decreases with increment of vehicle velocity that is at $20 \text{ km/h} < V \leq 30 \text{ km/h}$.
- The broadcast sound stops automatically when vehicle velocity is greater than 30 km/h.



- When driving in reverse, the vehicle makes a continuous and balanced prompt sound.

Disabling/Enabling the System

To turn on or off the Engine Sound Simulator, slide down the top status bar on the infotainment screen to display the shortcut page. The system is enabled by factory default. AVAS has two audio modes: standard and dynamic. To set the mode, go to  → Vehicle settings → Intelligent notification.



Note

- Due to different vehicle configurations and the functions activated, the displayed icons on the Quick bar vary. Specific applications are subject to actual vehicle configurations and the functions activated.

⚠ Warning

- The AVAS pause switch can only be used if there are no other road users within a short distance, and no audio prompt is needed considering the surroundings (for example, in a traffic jam or on the highway). As long as pedestrians may appear around the vehicle, the AVAS needs to be turned on.
- If the vehicle travels at a low speed with the AVAS disabled, it will not be able to remind pedestrians of the approaching vehicle, which may result in a car accident and, in severe cases, death or personal injury.
- If the AVAS prompt 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 check whether an audio prompt can be heard from the front of the vehicle. If it is confirmed that there is no sound, contact a BYD authorized dealer or service provider to deal with it.

Panoramic View


Tap "Vehicle View" on the Infotainment home page, press the Steering Wheel button or engage R gear. The "Panoramic View" is enabled.



■ Landscape mode:

- Tap the icons for front, rear, right and left views at the bottom of the Infotainment screen. Single views are displayed on the view area.



- 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 screen. Single views of the selected locations are displayed in the view area.

- Slowly tap the body image on the left 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.
- 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; the driver needs to judge the distance between the vehicle and the object in various ways.
- The cameras are mounted on the front bumper, on the lower sides of the left and right side mirrors and above the rear license plate. Make sure the cameras are unobstructed.
- When washing the car body with a high-pressure water gun, try to avoid spraying directly on the cameras, so as not to affect their performance. 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.
- If the infotainment system is not fully activated after the vehicle is powered on, and the panoramic view start button or the reverse gear is operated, 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 moving the vehicle at low speeds, as the transparent panoramic function is affected by the speed fluctuation or multiple stops and brakes, there will be a misalignment between the image of the bottom of the vehicle and the image of the outside of the vehicle.

Parking Assist

Reversing Radar Power Switch

You can enable or disable the reversing radar system with the reversing radar switch or in  (infotainment system) → DiPilot → Parking Assist.

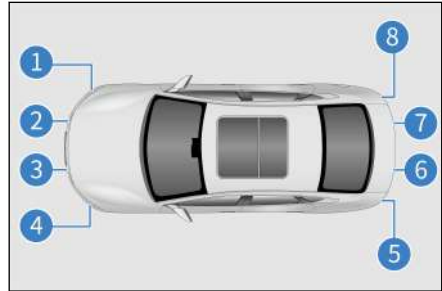


- When the ignition status is "OK" and EPB is released, the parking assist system is enabled automatically.
- When enabled, the system sounds an alarm if obstacles are found surrounding the vehicle; when disabled, it does not.

Sensor Type

- When the sensor detects an obstacle, the corresponding image will be displayed on the infotainment screen*, 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 page and the speaker. Be aware of the surroundings when using this system.

- ① Front right sensor
- ② Front center sensor
- ③ Front center sensor
- ④ Front left sensor



- ⑤ Rear left Sensor
- ⑥ Rear center sensor
- ⑦ Rear center sensor
- ⑧ Rear right 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 center sensor

General Distance (mm)	Infotainment Display	Alarm Sound
About 700 to 1,200		Slow
About 300 to 700		Fast
About 0 to 300		Continuous

Working example of corner sensor

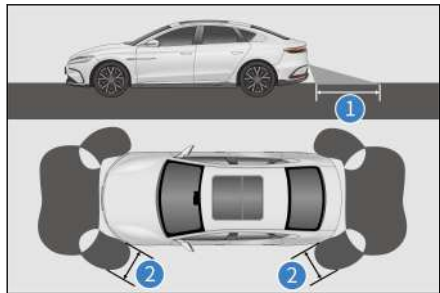
General Distance (mm)	Infotainment Display	Alarm Sound
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About 300 to 600		Fast
About 0 to 300		Continuous

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

i Tip

- 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.

! Note

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

Driving Safety

For better driving safety, the following driving safety systems works automatically based on driving conditions. However, these systems only provide assistance, and excessive reliance on them is not recommended.

Intelligent Power Braking System

The intelligent power braking system is an advanced decoupled electrohydraulic brake (EHB) system integrating vacuum booster, electronic vacuum pump, ABS/ESC system and other features. The system assists the vehicle braking "on an on-demand basis" according to driver's braking needs. It offers advanced control functions such as anti-lock braking system (ABS), electronic brake force distribution (EBD), traction control system (TCS), vehicle dynamic control (VDC), comfort parking (CST), hill-start hold control (HHC), hydraulic brake assist (HBA) and controller deceleration parking (CDP) to improve vehicle stability and comfort, and enhance brake energy recovery efficiency.

Vehicle Dynamics Control (VDC)

When the vehicle turns suddenly while driving, the VDC system judges the driver's intention based on such information as steering wheel's angle and vehicle speed, and continuously compares with the actual condition. 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 by reducing the motor power, and, when necessary, apply braking forces to prevent drive wheels from spinning. TCS makes it easy for vehicles 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 the brake pressure imposed by the driver for 1.5 seconds to prevent backward sliding of the vehicle.

Hydraulic Brake Assit (HBA)

When the brake pedal is depressed quickly, HBA recognizes that the vehicle is in emergency condition. It quickly increases the brake pressure to the maximum, so that ABS can intervene more quickly and shorten the braking distance effectively.


Controller Deceleration Parking (CDP)

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


ESC operation instructions

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

■ Brake assist mode

- The brake assist mode 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 the driver to choose their preferred pedal feel.
- To adjust the brake pedal feel, go to  (infotainment system) → Vehicle settings → Intelligent chassis → brake assist mode.

■ CST

- CST function: When the vehicle decelerates to stop in a non-emergency situation, the integrated brake control system reduces the stop-instant suspension pitch and impact by controlling the brake pressure of the four brakes, providing a smooth stop feeling for the driver.
- To enable or disable the CST function, go to  (infotainment system) → Vehicle settings → Intelligent chassis → CST.
- When the CST function is triggered, the braking distance may be slightly increased by 2-5 cm. Therefore, increase the distance from the vehicle or obstacle ahead accordingly before stopping your vehicle.


■ Brake disc wiping

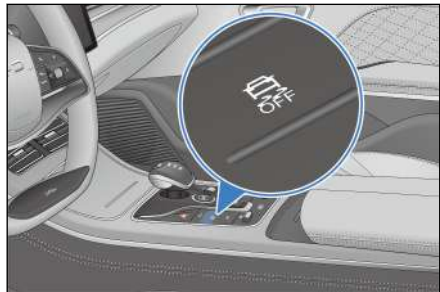
- Brake disc wiping function: When the wiper switch is on or the rain sensor detects rain, the integrated brake control system applies a small brake pressure to all four brakes so that pads come into contact with discs to remove the water film from the discs. This shortens brake response time and braking 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. In this case, you may need to turn off the system to get out of the jam.

■ Turning off ESC

- To turn off the ESC system, press the physical button or tap  (infotainment system)
 - DiPilot → Active safety
 - ESC. In addition, ESC checks its working status in real time. If ESC OFF switch is pressed while ESC system is working, the system will complete the active intervention control rather than executes the "shutdown" command immediately. ESC is disabled only after the intervention control is complete.




- Some functions of the disabled ESC system may be re-enabled if the ESC OFF switch is pressed again or the vehicle speed exceeds the threshold (80 km/h). In order to prevent ESC from being turned off suddenly, ESC can be activated again only when it is not in a vehicle dynamic intervention state.

■ Restarting ESC system

- When the ESC system has been turned off, restarting the vehicle 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 will start on its own.
- With ESC system activated
 - If the ESC fault indicator  flashes, drive with extra care to avoid accidents.
- With ESC system disabled
 - Be careful when ESC is disabled, and drive at speeds suitable for road conditions. The ESC system can ensure vehicle stability and its driving force. Never turn it off unless necessary.
- Replacing tires
 - Make sure all tires are of the same size, brand, tread pattern and total load. In addition, be sure to inflate tires to the recommended pressure.
 - Neither ABS nor ESC system 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
 - Use of any defective tire or modified suspension affects the driving safety system and may cause the system to fail.

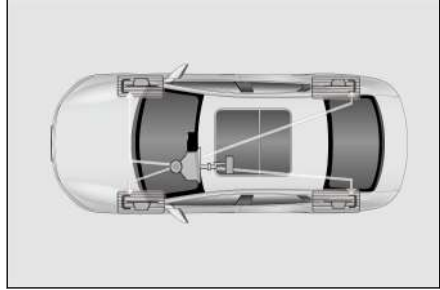
Active Suspension Mode*

The active suspension mode function is used to adjust the softness of the suspension system. Across different modes, the damping force curve of shock absorbers is intelligently adjusted according to vehicle speed and attitude. The driver can choose between the soft and hard style of the suspension based on their preference.

- You can select "Comfort" or "Sport" in  (infotainment system) → Vehicle settings → Intelligent Chassis → Active Suspension Mode.

Anti-lock Braking System (ABS)

- The ABS hydraulic system has two separate circuits, each running diagonally through the vehicle (left front wheel brake connected to the right rear wheel brake). If one circuit fails, two wheels can still be braked.
- ABS helps maintain the 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.
- When the ABS is working, the brake pedal will vibrate, which may produce noise. This is because the ABS is pulsating the brake quickly, which is normal.

Electronic Brake Force Distribution (EBD)

- The EBD is an auxiliary function of ABS. Before ABS acts, if the skid rate of rear wheel is high, ABS will adjust the brake pressure of rear wheel for a smoother and more ideal brake force distribution.

⚠ Warning

- ABS cannot work effectively under the following conditions:
 - Tires with inadequate grip are used (e.g., excessively worn tires used on snow-covered roads).
 - The vehicle skids when driving at a high speed on slippery roads.

⚠ Warning

- ABS is not designed to reduce the braking distance of the vehicle. Always keep a safe distance from the vehicle ahead when:
 - Driving on slippery, muddy, sandy or snowy roads.
 - Driving on roads with multiple potholes or on uneven roads.
 - Driving on bumpy roads.

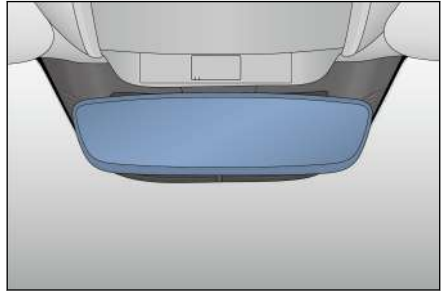
⚠ Note

- If the ABS fault warning light is still on while the braking system warning light is on, immediately park the vehicle in a safe place. It is recommended to contact a BYD authorized dealer or service provider.
- In this case, if brakes are applied, the ABS will not work and the vehicle will become extremely unstable.
- ABS does not reduce the time and distance required to stop the vehicle. This device only helps you 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 driving on wet or soft or uneven roads (e.g., waterlogged concrete roads, waterlogged epoxy painted roads, sandy roads, snowy roads, etc.), vehicles equipped with ABS may require longer braking distances than vehicles without ABS. In such cases, reduce the vehicle speed and keep a greater distance from other vehicles.

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.

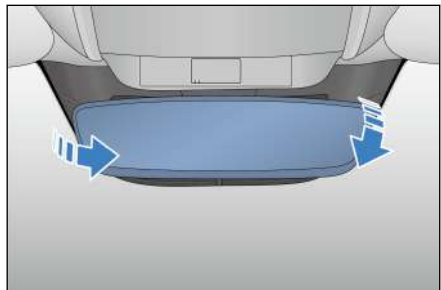


⚠ Warning

- 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 Adjustment of Interior Rearview Mirror*

Move the interior rearview mirror up or down, left or right to a suitable position.



⚠ Warning


- Do not adjust the interior rearview mirror while driving, as this may prevent the driver from controlling the vehicle, resulting in personal injury or death due to accidents.
- Do not hang heavy objects from the interior rearview mirror, or shake or drag it with force.
- When manually adjusting the interior rearview mirror, do not forcibly adjust the stuck mirror to avoid the mirror falling off.

Side Mirrors**Side Mirrors**


Using the switch for electric side mirrors, the driver can adjust the mirrors to see the sides of the vehicle in the mirrors.

- Selection switches: used to select the side mirror to be adjusted.

-  : Left side mirror button

-  : Right side mirror button



- Side mirror adjustment buttons  : used to adjust the side mirror lens. Press the switch indicating the desired direction.

i Tip

- The electric side mirror has the turning function upon reversal. When the vehicle is being reversed, the electric side mirror automatically turns down.


Folding of Side Mirrors

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 electrically

- Press the  button to fold the side mirrors electrically. Press the button again to extend the mirrors.
- Both side mirrors fold automatically when anti-theft feature is armed, and extend automatically when anti-theft function is disarmed.



Wiper Blades

Inspect front/rear wiper blades for cracks or partial hardening at least every six months. If these findings are noted, wiper blades should be replaced. Otherwise, the windshield will streak or will be left unclean after wiping.

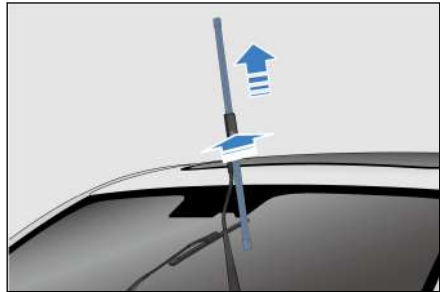
Note

- Do not open the hood when wiper arms are lifted, as this may damage the hood and wiper arms.

Replacing Wiper Blades

When the vehicle is powered on, in the infotainment system, go to Vehicle Info → Vehicle Maintenance Info → Front wiper check to enable the front wiper check function. The wipers then rotate out automatically for easy maintenance and replacement.

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



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. It is recommended that the thickness or diameter of snow chain must not exceed 6 mm, 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.

Tip


- Do not drive at a speed above 30 km/h or maintain a speed lower than the speed limit specified by the snow chain manufacturer.
- Drive carefully, paying attention to bumps, potholes and sharp turns that can cause the vehicle to bounce.
- For vehicles with snow chains, avoid sharp turns or braking with locked wheels, and slow down the vehicle before entering a curve to avoid accidents due to loss of control.
- If abnormal noise is heard from the snow chain, it indicates that the chain may contact vehicle components such as suspension, body or brake lines. In this case, stop the vehicle immediately for inspection.

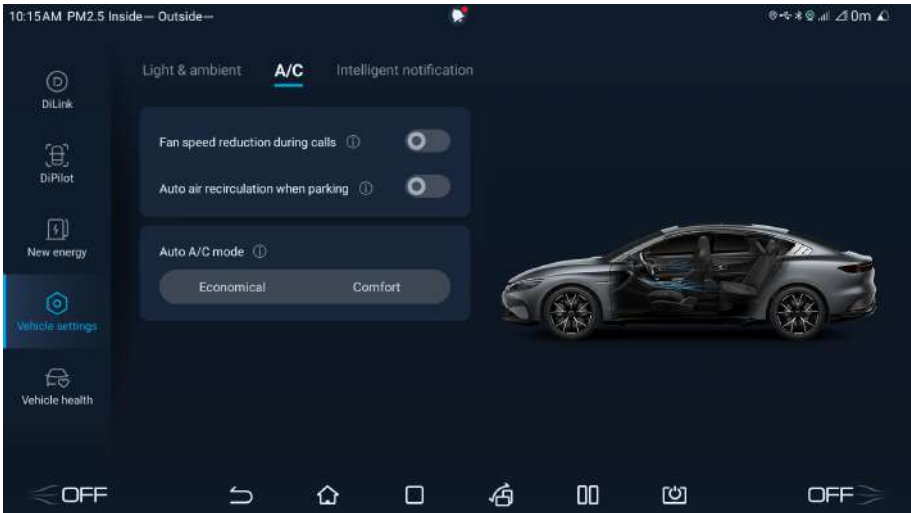
In-Vehicle Devices

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Introduction to Air Conditioning

- To access the A/C setting page, go to  → **Vehicle settings** → **A/C** .



Fan speed reduction during calls

- Tap this button to enable automatic fan speed reduction during Bluetooth calls.
- Tap this button a second time to disable the function.

Auto air recirculation when parking

- Tap this button to enable automatic air recirculation when parking.
- Tap this button a second time to disable the function.

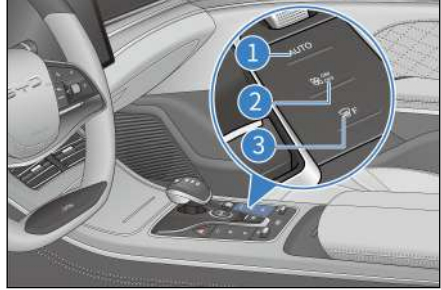
Auto A/C mode

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

A/C Panel

Front-row A/C buttons

- ① Auto button
- ② A/C power button
- ③ Defrost button for front windshield



A/C Operation Interface

Front-row A/C operation interface



- ① A/C setting
- ② Air purification system
- ③ A/C operation interface button
- ④ A/C power button
- ⑤ Auto mode
- ⑥ Cooling mode
- ⑦ Max. cooling
- ⑧ Independent control
- ⑨ Front windshield defrost
- ⑩ Internal/External circulation
- ⑪ Ventilation
- ⑫ Front passenger A/C temperature adjustment
- ⑬ Driver A/C temperature adjustment
- ⑭ Blowing mode
- ⑮ Air amount adjustment

Rear control panel interface*



Automatic screen lock

- With the rear infotainment lock not engaged, the rear control panel screen will lock automatically after a period of inactivity.

Unlocking the screen

- Tap the unlock button on the rear control panel to unlock the screen.
 - When you tap any other button on the locked screen, the unlock button flashes to indicate that the screen is currently locked and the operation is invalid.
 - The rear control panel does not display the unlock button when the automatic screen lock is deactivated.

i Tip

- When the rear-row lock button on the quick access menu of the infotainment system is locked, buttons on relevant interfaces are not available.
- A/C odor:

i Tip

- 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, it is easy for A/C condensation to adhere to the evaporator, and the wet evaporator also easily absorbs 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 A/C odors:
 - 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 odor persists after odor prevention methods are used, it is recommended to contact a BYD authorized dealer or service provider for repair.
- In the front defrost mode, button operations on the rear control panel are invalid.
- In order to reduce odors 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 the vehicle is locked. Do not worry about it.

Auto mode button

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

A/C power button

- 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 button

- Tap this button to activate the Max Cooling control. The compressor is then started, the temperature is Lo, the air amount is adjusted as Max, the internal circulation is started, and air blows in face level mode.
- Tap this button again to exit.

A/C cooling button

- 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.

Internal/External circulation button

- Tap this button. The  icon is displayed, and the air inlet mode is internal circulation.
- Tap this button for the second time. The  icon is displayed, and the air inlet mode is external circulation.

<p>i Tip</p> <ul style="list-style-type: none">■ When the parking automatic internal circulation is enabled, to ensure air quality in the vehicle and prevent the vehicle exhaust from entering the vehicle, the circulation mode will switch to the internal circulation when parking.
--

Ventilation button

- 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.

Defrost button for front windshield

- Tap this button to activate the front windshield defrosting button indicator on the front A/C panel and enable the front windshield defroster control mode, and the air supply mode is changed to front windshield defroster mode.
- Tap this button again to deactivate and exit the front windshield defroster control mode.

Defrost button for rear windshield & side mirrors*

- Tap this button, and the heating panel in side mirrors will quickly clear the side mirrors. It will be automatically disabled after 15 minutes if there are no other commands.
- Tap this button again to disable the function.
- This function is not to be used to dry raindrops or melt snow.



Tip

- 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.

Note

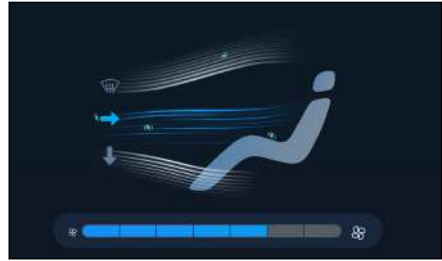
- When cleaning the inside of the rear window, be careful not to scratch or damage the heating wire and the connector.

Air amount adjustment

- A/C air amount regulation
 - Tap the chosen position, the higher the position, the larger the air amount.
 - Tap  to set it at position 1, and tap  to set it at position 7.

Blowing mode

- Tap the corresponding icon on the Infotainment system to select the corresponding blowing mode.
- Air blowing modes can be combined freely, and up to three air blowing modes can be enabled simultaneously as required.
- Adjustments can be made according to the following air supply.



Usage Guidelines

- 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 select the internal circulation mode for a few minutes.
- Make sure that the air intake grille in front of the windshield is not blocked.
- In humid weather, avoid blowing cool air onto the windshield to prevent fogging and reduced visibility.
- Keep the space under the front seats clear to improve air circulation.
- In cold weather, set the air volume to a high range for 1 minute to remove snow or moisture from the intake passage and reduce fogging.
- In cold weather, select internal circulation for a few minutes for quick heating. To prevent fogging after cabin is heated, select external circulation for air intake.
- Drivers should close all windows, set internal circulation mode, and turn on A/C fans when driving in dusty or windy conditions.

- In heating mode, press the compressor control button to light up the button (turning on the compressor), which can reduce airflow moisture.
- In ventilation mode, the system introduces the natural wind from outside, which is suitable for spring and autumn.

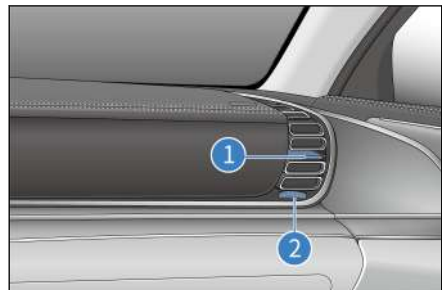
i Tip

- A/C unpleasant smell:
 - It is normal that there may be a damp and moldy smell just after the A/C is turned on. That is due to condensation that remains in the evaporator and is not blown dry.
- How to prevent it:
 - Turn off the A/C and enable natural ventilation before parking to keep the air inside the vehicle relatively dry.
 - Check, clean or replace the air filter regularly.
 - Keep the cabin clean.
- If the unpleasant smell persists, contact a BYD authorized dealer or service provider for repair.
- It is normal that the A/C blower keeps running after the vehicle is locked. That is because the condensed water on the surface of the evaporator needs to be dried to prevent mold fermentation.

A/C Vents

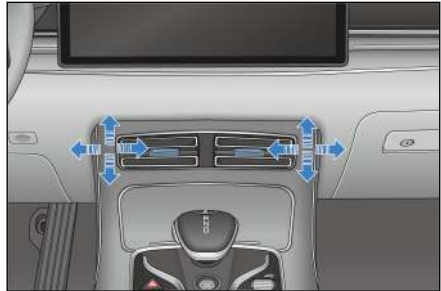
Side vent

- ① Toggle the vent stick to adjust the outlet angle of air flow.
- ② Turn the roller to adjust the size of the vent or to open/close the vent.



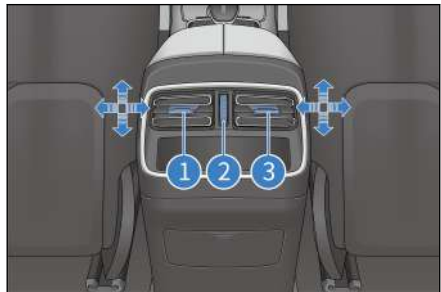
Center vent

Toggle the vent stick to adjust the outlet angle of air flow or close the vent. When you adjust the stick to the far left and hear a click, the vent is closed.



Rear vent

- ①: Toggle the left vent stick to adjust the outlet angle of air flow.
- ②: Turn the roller to adjust the size of the vent or to open/close the vent.
- ③: Toggle the right vent stick to adjust the outlet angle of air flow.



Air Purification System

The air purification system purifies airborne PM2.5 particles. When A/C is turned on, the system thoroughly removes PM2.5 particles from the air blown into the cabin.

Air purification operation interface

Tap "Air purification" on the infotainment page. The PM2.5 operation interface is displayed.



- ① Air purification operation
- ② Outside PM2.5 value and level
- ③ In-vehicle PM2.5 value and level
- ④ PM2.5 detection
- ⑤ Quick purification

PM2.5 detection button

Tap **PM2.5 detection** . When the button lights up, the system detects PM2.5 concentration inside/outside in real time and displays the real-time value on the pad. PM2.5 detection stops when the button turns off.

Quick purification button

Tap this button to enable fast purification. Tap it a second time to end fast purification.

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 population
116-150	Unhealthy
151-250	Very unhealthy
251-999	Hazardous

Tip

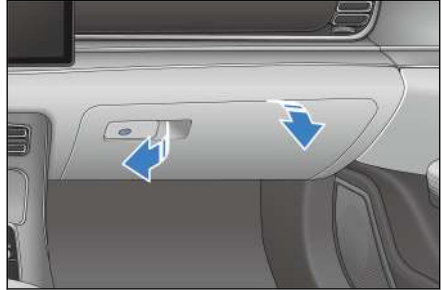
- The frequency of PM2.5 detection should be reduced in the following environments:
 - Sandstorms and other extremely harsh environments;
 - Cold regions (with ambient temperature below -20°C);
 - High-humidity environments (with relative humidity above 90%);
 - Environments with a change in temperature (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.
- In order to reduce odors 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 the vehicle is locked. Do not worry about it.

Switching on A/C with Cloud Service App*

- **A/C ON:** On the BYD app control page, tap the "A/C ON" button, set "Set temperature", "Duration" and "Circulation mode", and enter the password to enable A/C remotely.
- **A/C OFF:** Tap the "A/C OFF" button on the BYD APP control interface, and enter the password to disable A/C remotely.
- **A/C schedule:** On the BYD app control page, tap "A/C schedule" → "Create Schedule", set time, temperature, duration and circulation mode, and save the settings. The A/C will be turned on at the set time.

Glove Box

- To use the glove box, unlock it with a mechanical key and then pull the glove box lid.
- Push the lid up to close it.



i Tip

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

Cubby Box

To use the cubby box, press the switch on the front of cubby box to open it.



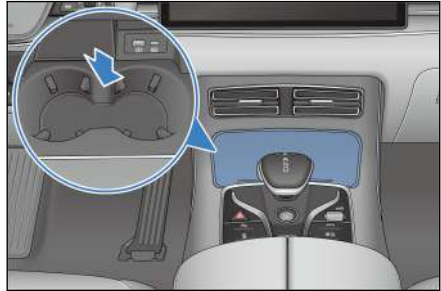
i Tip

- Keep the front cubby box closed while the vehicle is in motion.

Cup Holder

Front Seat Cup Holder

- The cup holder is used to securely hold cups, movable ashtray, beverage can, etc.
- To use the front seat cup holder, tap the cup holder cover, and it will open automatically.



i Tip

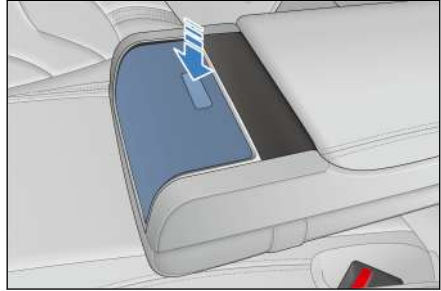
- The cup holder should hold a cup or beverage can securely to avoid any liquid spilling from the cup or can, damaging the front USB ports.

Rear Seat Cup Holder

1. Flip the rear seat armrest.



2. Tap the cup holder cover to let it open automatically.



⚠ Note

- When using the cup holder, do not start or brake the vehicle suddenly to prevent liquid spillage and burn you or other passengers.
- Do not place an open cup or untightened beverage bottle in the cup holder, so as to avoid liquid spillage when you are opening and closing the doors and driving.
- To ensure safe driving, the driver is strictly prohibited from taking the cup out or placing it in the cup holder while driving.

Glasses Case

Press the lid of the case to open it.



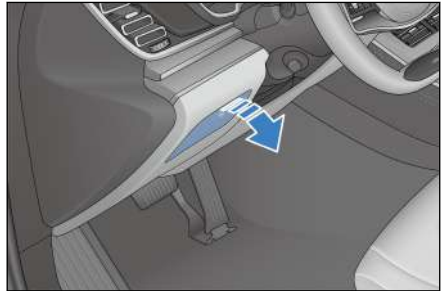
Storage Box on Interior Panel

Storage boxes are available on all doors to hold cups and canned beverages.



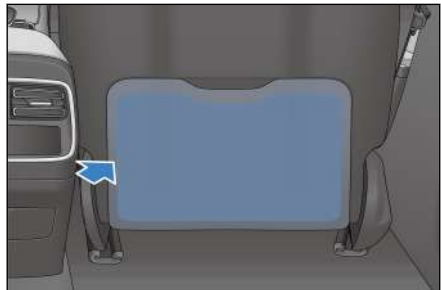
Bill Box

Tap the lid to open the bill box.



File Pocket

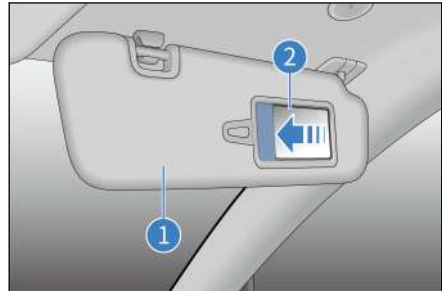
- There are file pockets at the back of the front seats.



Sun Visor

- ① Sun visor
- ② Vanity mirror

- The sun visor is located above the driver seat and front passenger seat. To block sunlight from the front, pull the sun visor down.
- To block sunlight from a side, remove the swivel sleeve from the fixed support and turn the visor towards the side window.
- When a vanity mirror is installed, flip down the sun visor and slide the mirror cover for use.

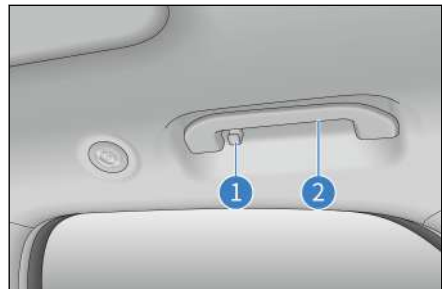


i Tip

- Correct use of the sun visor improves driving safety and comfort.

Safety Handles

- ① Hook: Do not hang any heavy objects on the hook to avoid damage to the hook.
- ② Safety handle: Pull the safety handle down for use. The handle returns to its original position when released.

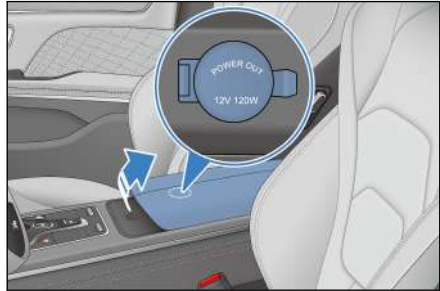


⚠ Note

- Do not hang heavy objects on safety handles to avoid personal injury or damage to the safety handles.
- Do not hang items on hooks and safety handles while the vehicle is in motion.

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 switch is on "OK". Lift the cover to use it.

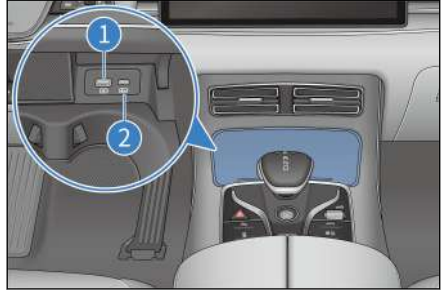
**⚠ Note**

- To prevent fuses from blowing, the power consumption must not exceed 12V/120W of total vehicle load.
- To prevent the starter iron battery from exhausting its power, do not use the 12 V auxiliary power supply for a long time when the driving motor is not running.
- When the 12 V auxiliary power is not in use, close its cover. Do not insert objects other than an appropriate plug into the 12V auxiliary power socket or let any liquid ingress the socket, as electrical failure may result.

USB Ports

USB charging ports can only be used when the ignition switch is on OK.

- Only charging ports are provided under the front cup holder cover.
 - ① USB charging port.
 - ② Type-C fast-charging port.

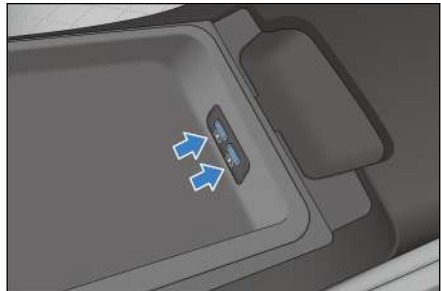


- The cubby box contains USB ports.

- ① USB data transmission port
- ② USB charging port

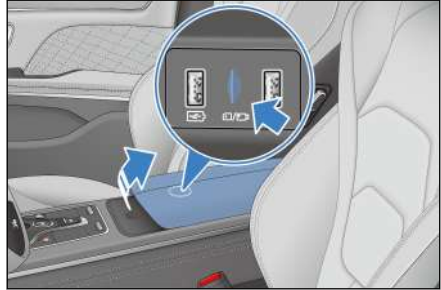


- Only USB charging ports are provided in the rear-row armrest.



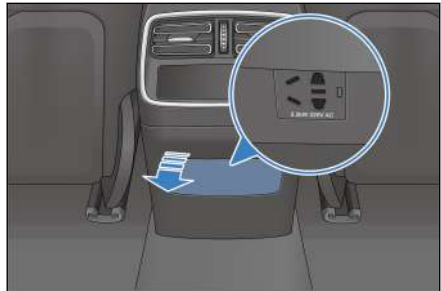
SD Card Slot

An SD card slot is located in the cubby box.



Power Outlet*

- A 220V power outlet is located at the rear of the console dashboard. To open it, press the cover.
- The power outlet can be used only when the ignition switch is on OK.

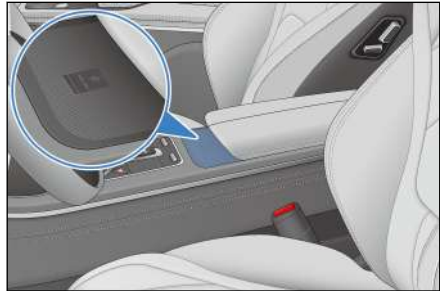


Wireless Phone Charging

- Slide down the shortcut menu in the infotainment system to light up the Wireless Charging icon.



- The wireless phone charging area is located at the front of the cubby box. When the ignition switch is on OK, put the phone on the non-slip rubber pad in the wireless charging area with the phone screen facing up. The phone automatically begins wireless charging, and a charging icon is displayed on the infotainment screen.



- Wireless phone charging uses a coil to transmit electrical energy to a phone battery through electromagnetic wave induction so that the phone can be charged without a cable connection.

i Tip

- Only one phone can be charged at a time.
- A phone case that is too thick may prevent charging.
- While driving on bumpy roads, the mobile phone wireless charging feature may intermittently stop and resume charging.
- 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 charging area and stops charging, move it back to the wireless charging area.
- If the phone cannot be charged properly, ensure that there are no foreign objects in the wireless charging area, or wait for the wireless charging area to cool down before trying again. If it is still impossible to charge the phone, it is recommended that you contact a BYD authorized dealer or service provider.
- After power-off, if the phone is still charging and the front left door is opened, there will be a sound alarm from the instrument cluster and the warning message "Do not forget your phone" will be displayed for 5 seconds.

i Tip

- Ensure your smart key is more than 25 cm away from the wireless charging area when the wireless charging system is working.
- Do not place coins, metal keys, metal rings, or other articles containing metal in the wireless charging area together with the phone to avoid wireless charging dysfunction or even accidents.
- Do not place heavy objects in the charging area to avoid any damage.
- If the phone wireless charging 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.

⚠ Note

- If a metal item is found between the device and the charger rubber pad while charging, never remove it immediately with a bare hand to prevent burns.
- For better charging, the center of the phone coil must be aligned with the center of wireless charger (indicated with text in the charging area).
- Prevent any fluid from coming into contact with the charging 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.

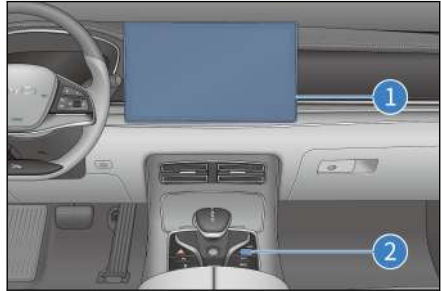
⚠ Note

- The wireless phone charging system can charge Qi-certified phones, and non-Qi-certified phones are not guaranteed for normal charging.
- BYD makes no commitments for problems caused by external wireless charging coils. Please use with caution.
- To avoid burning cards with chips, such as bank cards, do not place them between the phone case and the phone during charging.

Infotainment Control Panel

Infotainment Control Panel Pad

When the vehicle is powered on, the initial screen will be 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 APP and Internet calls).



- 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 down to turn volume down. Volume ranges from 0 to 39. A "Mute" icon is displayed when volume is 0.

⚠ Warning

- Do not use a high-power inverter in the vehicle, as this may cause the infotainment system to malfunction.
- Do not format or root the device without authorization, or it will cause the infotainment system or the vehicle to malfunction.
- For driving safety, the use of landscape view is recommended while driving.

⚠ Note

- To prevent damage to the touch screen
 - Touch it gently. If there is no response, remove finger from the screen then touch it again.

⚠ Note

- Clean the screen with a soft damp cloth. Do not use any cleaning product.
- Using the touch screen
 - When the display screen temperature is low, the displayed image may be darker, or the system may work slightly slower than normal.
 - When wearing sunglasses, the screen may be dark or difficult to see. Change the viewing angle, or take off the sunglasses.
 - The touch screen buttons that are grayed out cannot be operated.
- The touch screen interface shown here is for reference only.

Widgets

- When the infotainment system is started, the widget page is automatically displayed, which mainly contains: top status bar, Vehicle settings, A/C, navigation bar, and widget window.
- See the figure.




The widget page contains three small windows, which can be or customized:

1. Adding a widget: Touch and hold the widget icon you want to replace to make it editable. The widget icon you can add is displayed at the bottom of the page. Drag the intended widget icon to the desired position and release it.
2. Deleting a widget: Touch and hold the widget icon you want to delete, drag it to the delete icon at the top of the page, then release it.

3. Changing widget position: Touch and hold a widget icon, drag it to the position of another widget, and then release it.

Shortcut: Slide down the top status bar. The shortcut page is displayed, including shortcuts to WiFi, Mobile data, Bluetooth, Mute, Hotspot, Screenshot, Remote location, Brightness and other vehicle controls.

Language Setting

- When the vehicle is powered on, tap on  → **Dlink** → **More** → **Language** on the center console touchscreen and set the language as Simplified Chinese or English.



Service and Maintenance

6

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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.

Note

- 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.

Maintenance Item	Maintenance Cycle
Chassis fastening screw check	Inspections should be performed every 12 months or 20,000 km, where damaged parts should be replaced timely.
Brake pedal and EPB switch check	The initial inspection should be performed at 12 months or 20,000 km, and subsequent inspections every 24 months or 40,000 km; where under harsh conditions, inspections should be performed at 12 months or 20,000 km.
Brake friction block and disc check	Inspections should be performed every 12 months or 20,000 km.
Brake piping and hose check	The initial inspection should be performed at 12 months or 20,000 km, and subsequent inspections every 24 months or 40,000 km; where under harsh conditions,

	inspections should be performed at 12 months or 20,000 km.
Guide pin of brake caliper assembly check	Once every 24 months or 40,000km.
Steering wheel and tie rod check	The initial inspection should be performed at 12 months or 20,000 km, and subsequent inspections every 24 months or 40,000 km; where under harsh conditions, inspections should be performed at 12 months or 20,000 km.
Drive shaft boot check	The initial inspection should be performed at 12 months or 20,000 km, and subsequent inspections every 24 months or 40,000 km; where under harsh conditions, inspections should be performed at 12 months or 20,000 km.
Ball pin and boot check	The initial inspection should be performed at 12 months or 20,000 km, and subsequent inspections every 24 months or 40,000 km; where under harsh conditions, inspections should be performed at 12 months or 20,000 km.
Front and rear suspension check	The initial inspection should be performed at 12 months or 20,000 km, and subsequent inspections every 24 months or 40,000 km; where under harsh conditions, inspections should be performed at 12 months or 20,000 km.
Check of tires and inflation pressure, including tire pressure monitoring system (TPMS)	Inspections should be performed every 12 months or 20,000 km, where damaged parts should be replaced timely.
Front and rear alignment check	The initial inspection should be performed at 12 months or 20,000 km, and subsequent inspections every 24 months or 40,000 km; where under harsh conditions, inspections should be performed at 12 months or 20,000 km.

Tire Rotation	Tires should be checked for air pressure and conditions at least once a month and rotated every 10,000 km.
Door brake check	Dust on the lever should be removed with a damp soft cloth, and 0.3 to 0.8 g of grease applied to the lever, riveting joint, and rotating shaft. Inspections should be performed every 12 months or 20,000 km, where damaged parts should be replaced timely.
Wheel bearing clearance check	The initial inspection should be performed at 12 months or 20,000 km, and subsequent inspections every 24 months or 40,000 km; where under harsh conditions, inspections should be performed at 12 months or 20,000 km.
Expansion tank coolant level check	Inspections should be performed every 12 months or 20,000 km, where damaged parts should be replaced timely.
Drive motor antifreeze change	The long-acting organic acid coolant should be changed every 4 years or 100,000 km, whichever comes first.
Brake fluid check	Inspections should be performed every 12 months or 20,000 km, where damaged parts should be replaced timely.
Brake fluid change	The brake fluid should be changed every 2 years or 40,000 km.
Check of vehicle module DTCs (to be cleared after recording)	Inspections should be performed every 12 months or 20,000 km, where damaged parts should be replaced timely.
Check of power battery tray, shield, impact bar, and mount point torque (QH)	Inspections should be performed every 12 months or 20,000 km, where damaged parts should be replaced timely.
Capacity testing and calibration	Every 72,000 km or 6 months.
Check and change of gear oil in transmission	The initial change should be performed at 24 months or 40,000 km, and subsequent changes every 24 months or 48,000 km.

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Powertrain check for leaks and bumps	Inspections should be performed every 12 months or 20,000 km, where damaged parts should be replaced timely.
Check for loose HV wiring harness and connectors	Inspections should be performed every 12 months or 20,000 km, where damaged parts should be replaced timely.
HV module check for deformation or oil stains	Inspections should be performed every 12 months or 20,000 km, where damaged parts should be replaced timely.
Charging connector interface check for foreign materials or ablation	Inspections should be performed every 12 months or 20,000 km, where damaged parts should be replaced timely.
Activated carbon HEPA filter check*	Inspections should be performed every 12 months or 20,000 km, whichever comes first, where parts should be replaced as necessary. Under harsh conditions, inspections should be performed every 6 months, where parts should be replaced when necessary.
Common filter check	Inspections should be performed every 12 months or 20,000 km, whichever comes first, where parts should be replaced as necessary. Under harsh conditions, inspections should be performed every 6 months, where parts should be replaced when necessary.
PM2.5 quick tester filter* check	Inspections should be performed every 12 months or 20,000 km, whichever comes first, where parts should be replaced as necessary. Under harsh conditions, inspections should be performed every 6 months, where parts should be replaced when necessary.
Electrostatic filter* check	Inspections should be performed every 12 months or 20,000 km, whichever comes first, where parts should be replaced as necessary. Under harsh conditions, inspections should be performed every 6

	months, where parts should be replaced when necessary.
Check and replacement of car perfume bottle assembly*	Inspections should be performed every 12 months or 20,000 km, whichever comes first, where parts should be replaced as necessary. Under harsh conditions, inspections should be performed every 6 months, where parts should be replaced when necessary.
Lamp and LED lighting check	Inspections should be performed every 12 months or 20,000 km, where damaged parts should be replaced timely.
Headlight dimming check	Inspections should be performed every 12 months or 20,000 km, where damaged parts should be replaced timely.
Initial downtilt calibration of low beam	Once every 10,000 km.
EPS GND point check for foreign materials or ablations	Inspections should be performed every 12 months or 20,000 km, where damaged parts should be replaced timely.
EPS connector looseness check and connector pin ablation check	Inspections should be performed every 12 months or 20,000 km, where damaged parts should be replaced timely.
EPS ECU corrosion check	The initial inspection should be performed at 12 months or 20,000 km, and subsequent inspections every 24 months or 40,000 km.
Check of connections between EPS ECU and motor for foreign materials or corrosion*	Inspections should be performed every 12 months or 20,000 km, where damaged parts should be replaced timely.
Check of vehicle module software update (update if any)	Inspections should be performed every 12 months or 20,000 km, where damaged parts should be replaced timely.
High-voltage part check for wading marks	Inspections should be performed every 12 months or 20,000 km, where damaged parts should be replaced timely.

Check of shock absorber sleeve on hood hinge limit stud for abrasion	Inspections should be performed every 12 months or 20,000 km, where damaged parts should be replaced timely.
Check of wiper arm lock nut torque	Inspections should be performed every 12 months or 20,000 km, where damaged parts should be replaced timely.
Check of hood lock and fastener	Once every 12 months
Note: When checking item 1, please replace chassis parts in time if any abnormal damage is found.	

i Tip

To keep the power battery in optimal conditions, it should be fully charged and discharged regularly (once every 6 months or 72,000 km, whichever comes first) for self-calibration. A BYD authorized dealer or service provider may also be contacted to carry out capacity testing and calibration.

Harsh conditions of use are:

- Frequent driving in dusty areas or frequent exposure to salt-laden air;
- Frequent driving on bumpy, waterlogged, or mountain roads;
- Driving in cold weather;
- Frequent and sudden braking;
- Frequently used as a tow trailer;
- Used as a taxi;
- Driving in congested urban areas at temperatures above 32°C for more than 50% of total driving time;
- Driving at speeds over 120 km/h at temperatures above 30°C for more than 50% of total driving time;
- Frequent overloading.

Regular Maintenance

- Pay attention to vehicle performance, sound changes, and visual evidence that indicates service is required. Under any of the following circumstances, the vehicle may need to be adjusted or repaired. Therefore, you are recommended to send the vehicle to a BYD authorized dealer or service provider as soon as possible:
 - Motor start produces unusual noises.
 - Coolant remains overheated, is stagnated or leaks.
 - Motor jams and produces unexpected noise.
 - The motor runs with excessive vibration.
 - The motor fails to get started.
 - Electric assembly leaks oil.
 - Electric assembly emits odors.
 - Power declines significantly.
 - Water leaks from under the vehicle (A/C condensate is normal).
 - Tire deflates; tires make excessive noises at turns; tire wear is uneven.
 - Vehicle leads to one side when driving straight on a flat surface.
 - Suspension unit movement leads to unusual noises.
 - Loss of braking effect; sponge feeling on the brake pedal or clutch pedal; pedal almost contacts the floor; vehicle leads to one side when braking.
 - Motor coolant temperature remains high.
 - Battery capacity decreased significantly.
 - High battery temperature or overheat protection persists, or there is no power output.

i Tip

- Do not continue driving a vehicle that has not been inspected, as this may result in serious vehicle damage and personal injury.

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.

Note

- 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.

Exterior 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.

i Tip

- 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.
- 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

Tip

- 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.

Note

- 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.

Note

- 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.

Note

- 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.

 **Note**

- 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.
- 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 a 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.

Real Wood Trims

- It is recommended to wipe off the dust with a soft dry cloth every day to maintain normal gloss of the white ash. Do not wipe with a hard cloth or with acidic or alkaline cleaning products, which can damage the topcoat on the white ash.

- Strictly prevents chemicals (perfume, alcohol, cosmetics, tea, mineral water, grease, etc.) from contaminating real wood trims. These chemicals could lead to cracking or bonding gap of real wood trims.
- In case of contamination, wipe immediately with paper towel or dry cloth to reduce chemical damage to real wood.

Electroplated Trims

- It is recommended to wipe the dust from the trims with a soft towel to maintain normal gloss of the electroplated layer. Do not wipe directly with a hard cloth or with acidic or alkaline cleaning products.

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.

Note

- 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:

- Refrigerant level - Radiator refrigerant 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 the wiper condition 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.
- Engine compartment storage battery - Check the condition of the storage battery and terminals for 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 defroster - 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.

Tip

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

Lights

Headlight adjustment

- Headlights are aligned before vehicle delivery. If the vehicle carries heavy load frequently, headlights may need to be realigned. It is recommended to have the headlights 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.

Warning

- The headlight bulb will become very hot when illuminated. Grease, sweat, or scratches on the surface of the bulb glass will cause the bulb to overheat and break.

Tip

- If fog presents inside the headlight 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 headlight or turn signal while driving. The fog will evaporate after a short period of driving.

i Tip

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

Sunroof Maintenance

- Wipe off dust or sand on the outer sealing strips of the sunroof with a damp cloth to avoid scratches, which may reduce sunroof sealing performance.
- Wipe off dust or sand on the molding edges of the front glass with a damp cloth to avoid scratches, which may reduce sunroof sealing performance.
- Clean the rails on both sides and the front channels frequently to avoid the accumulation of foreign materials like dust, sand, and leaves, and prevent such debris from blocking drainage holes, which could result in poor drainage of the sunroof.
- When washing the vehicle, do not aim high-pressure water jets directly at the sealing strips, to prevent high pressure from distorting even damaging the strips and water from leaking into the vehicle.
- The sunroof freezes easily in winter. Forcibly opening the frozen sunroof will damage sealing strips or other parts. Instead, warm up 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.
- Do not open the sunroof fully on extremely bumpy roads. Otherwise, the vibration between the sunroof and the rail may deform related parts and even damage the motor. And, do not open the sunroof when it rains or the vehicle is being washed.
- Clean the front of rear glass (with the front glass fully opened) frequently to avoid the accumulation of foreign materials like dust,

sand, and leaves, and prevent such debris from blocking drainage holes, which could result poor drainage of the sunroof.

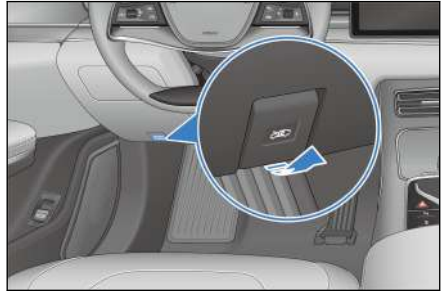
Vehicle Storage

- 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.
- 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.

Hood

Opening the Hood

1. Pull the handle on the left under the dashboard twice and the hood will unlock and open 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 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.



i Tip

- Confirm that the hood is closed and locked securely. Otherwise, while driving, the hood may suddenly open and cause an accident.

Cooling System

- It is required that the level in the coolant expansion tank should be between "MAX" (maximum level) and "MIN" (minimum level) marks.



⚠ Note

- Before opening the coolant expansion tank, verify that the motor, high-voltage electrical control integration module, coolant expansion tank cap and the radiator have cooled down.

i Tip

- It is recommended to refill coolant at a BYD authorized dealer or service provider.
- Opening the coolant expansion tank when the motor has not yet fully cooled down may cause coolant to squirt out, resulting in severe burns.
- Battery coolant may fade in color when exposed to high ultraviolet rays such as sunlight. Thus, direct sunlight should be avoided when you open the hood during the vehicle use and maintenance process. The coolant faded in color can be used as normal since its performance remain unchanged.

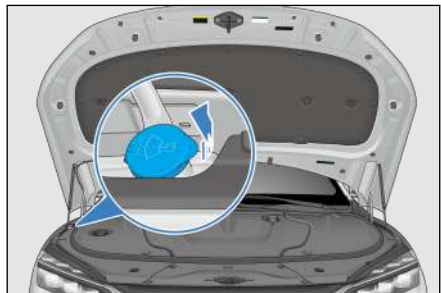
Braking System

- Check the level in the fluid tank monthly, and change the brake fluid according to the travel time and mileage specified in 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 level in the fluid tank should be between "MAX" (maximum level) and "MIN" (minimum level) marks.
- If the level is below the MIN mark, check if the braking system leaks and the brake friction blocks are worn.



Washer System

- 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.

⚠ Note

- 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.

⚠ Note

- 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 should 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 infotainment system and tap Vehicle health → Maintenance to enable front wiper maintenance. The wiper is rotated 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 maneuverability, tread life and driving comfort.
- Under-inflated tires can cause uneven tire wear, affect steerability and energy consumption, and are prone to leakage due to overheating.
- Over-inflated tires reduce riding comfort and are prone to damage from uneven roads. In severe cases, the risk of tire bursting poses severe threats to the safety of the entire vehicle. Over-inflation will also cause uneven wear and tear of tires, affecting tire service life.
- The vehicle is equipped with a tire pressure gauge. When tires are cold, you can decide whether to replenish tire pressure according to the tire pressure values displayed on the instrument cluster.

- Tire pressure should be measured while tires are at ambient temperatures. This means that it should be measured at least three hours after stop. If you must drive the vehicle before the tire pressure is measured, tires can still be considered at ambient temperatures as long as the travelled distance is not more than 1.6 km.
- It is normal that tire pressure reading measured while tires are hot (after travel of several kilometers) is 30-40 kPa (0.3-0.4 kgf/cm²) higher than when tires are cold. In that case, do not deflate tires in order to achieve the specified cold tire pressure reading; otherwise, the tire pressure will be insufficient.

i Tip

- 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.

Note

- 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.

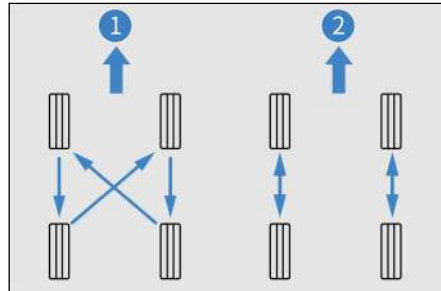
Tire Rotation

- 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.

- Do not rotate tires when a spare tire is used for the vehicle.
- 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.

■ as shown.

- ① Non-directional tires and wheels.
- ② Directional tires and wheels.



- After tire replacement, go to a 4S store for tire pressure matching.

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.

i Tip

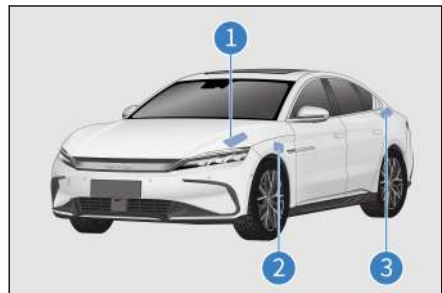
Observe the following instructions, otherwise it will lead to typical handling hazards, which will cause the vehicle to lose control.

- 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 power distribution box (PDB), dashboard PDB, positive terminal PDB and rear compartment PDB, respectively. Fuse labels are included in the under-hood and dashboard PDBs, showing the correspondence of fuses with electrical components.

- ① Under-hood PDB
- ② Dashboard PDB
- ③ Rear compartment PDB



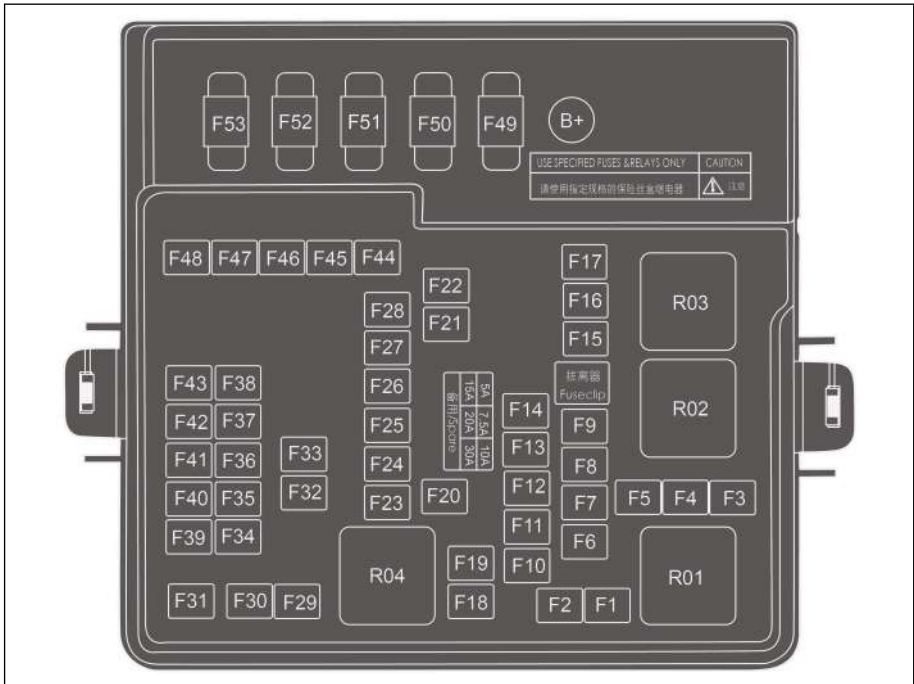
- The under-hood PDB is located on the left side under the hood. To open it, open the hood and its cover, locate the PDB and press the latch at the upper cover.

- The dashboard PDB is located on the left side of the dashboard. To access the dashboard fuses, remove the lower panel of the dashboard and then the left end panel of the dashboard.
- The rear compartment PDB is located in the rear section of left-side C-pillar trim. To access the rear compartment PDB fuses, remove the access door on the left panel of the trunk.
- 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.

i Tip

- Do not use fuses with amperage higher than the rated ampere value or any other solution to replace the fuses, as this can cause serious damage or even a fire.
- If a fuse blows, it is recommended to check or replace the fuse at a BYD authorized dealer or service provider.

Under-Hood PDB Nameplate



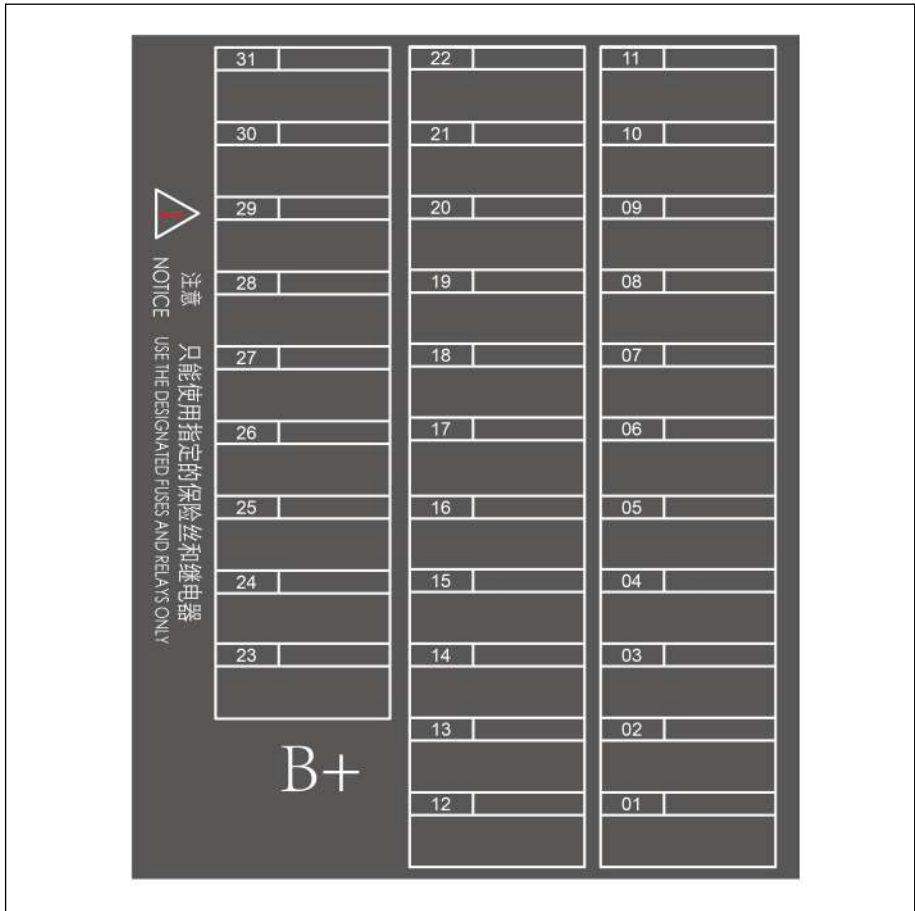
Fuses

No.	Ampere (A)	Protected Component or Circuit
F1	-	-
F2	60	Dashboard PDB
F3	-	-
F4	-	-
F5	-	-
F6	-	-
F7	-	-
F8	-	-

No.	Ampere (A)	Protected Component or Circuit
F9	5	Charging and distribution assembly
F10	15	Left combination headlight
F11	15	Right combination headlight
F12	10	Battery manager
F13	10	Front motor controller
F14	10	Rear motor controller
F15	5	Brake light switch
F16	-	-
F17	-	-
F18	-	-
F19	-	-
F20	30	Rear windshield defroster
F21	30	Front wiper
F22	20	VTOV
F23	20	Electrically controlled cooling water pump 2
F24	15	Electrically controlled cooling water pump
F25	7.5	Compressor
F26	10	USB
F27	15	Auxiliary power
F28	15	Rear-seat auxiliary power
F29	25	External amplifier
F30	60	ESC
F31	-	-
F32	25	External amplifier
F33	5	Battery manager
F34	15	Steering wheel heater
F35	5	Rear body controller

No.	Ampere (A)	Protected Component or Circuit
F36	5	Gearshift panel
F37	7.5	ETC
F38	10	SRS
F39	7.5	ADAS
F40	5	Instrument cluster
F41	5	EPS
F42	5	ESC
F43	-	-
F44	60	ESC
F45	40	Blower
F46	7.5	Integrated thermal management module
F47	7.5	ADAS
F48	-	-
F49	-	-
F50	70/100	C-EPS/R-EPS
F51	80	Electric fan
F52	-	-
F53	200	Battery

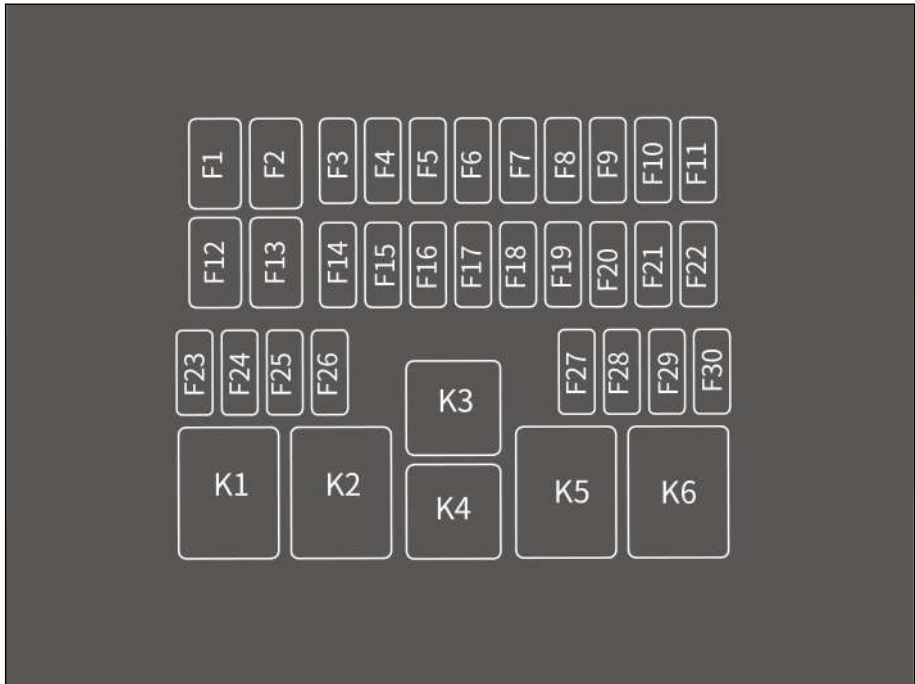
Dashboard PDB Nameplate



No.	Ampere (A)	Protected Component or Circuit
01	30	Rear body controller
02	-	-
03	-	-
04	20	Left front window
05	20	Right front window

No.	Ampere (A)	Protected Component or Circuit
06	-	-
07	5	Gearshift panel
08	20	Infotainment system
09	-	-
10	7.5	Panel ambient light
11	7.5	Combination switch
12	-	-
13	-	-
14	7.5	Wireless charger
15	10	Diagnostic port
16	5	Instrument cluster
17	7.5	Smart access
18	5	Vehicle controller
19	5	HUD
20	-	-
21	30	Left front electric seat
22	30	Right front electric seat
23	-	-
24	-	-
25	-	-
26	-	-
27	-	-
28	-	-
29	-	-
30	-	-

Rear Compartment PDB Nameplate*



Fuses

No.	Ampere (A)	Protected Component or Circuit
F1	40	Left front pre-tensioner motor
F2	40	Right front pre-tensioner motor
F3	30	Left rear electric seat
F4	10	Right rear seat
F5	5	High-frequency reception module
F6	15	Suspension module
F7	30	Rear body controller

No.	Ampere (A)	Protected Component or Circuit
F8	30	Rear body controller
F9	7.5	RSE
F10	10	Left combination tail light
F11	10	Right combination tail light
F12	25	External amplifier
F13	25	External amplifier
F14	7.5	ADAS
F15	20	External amplifier
F16	20	Left rear window
F17	20	Right rear window
F18	5	On-board charger
F19	5	UWB*
F20	-	-
F21	-	-
F22	-	-
F23	-	-
F24	-	-
F25	-	-
F26	-	-
F27	-	-
F28	-	-
F29	-	-
F30	-	-
K1	-	-
K2	-	-
K3	-	-
K4	-	-
K5	-	-
K6	-	-

When Faults Occur

7

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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. In that case, it is recommended to contact a BYD authorized service provider as soon as possible to change the battery, and you can start the vehicle in no-power mode.

Note

- 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. Depress the brake pedal and meanwhile press the Start/Stop button. The smart key warning light on the instrument cluster goes on and the speaker in the vehicle gives a beep.

3. Keep the smart key close to the no-power mode sign on the auxiliary dashboard within 30 seconds after the speaker beeps. The speaker beeps again, the smart key warning light goes out, and the vehicle can be started.

- The no-power mode sign is located in the cubby box.

4. Start the vehicle within 5 seconds after the speaker beeps again.



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 wait for rescue.

Note

- Wear insulated gloves during vehicle disassembly. Use fire extinguishers of designated type to put out a fire. Water-based

⚠ Note

extinguishers or other wrong-type 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 starter iron battery under the hood if conditions permit.
2. It is recommended to call immediately a BYD authorized dealer or service provider for rescue.

Collision Rescue

In case of collision, operate the vehicle as follows according to the actual situation:

1. Switch the ignition off, and disconnect the starter iron battery under the hood 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 power battery tray is cracked and whether any obvious liquid flows out.
- 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.

Warning

- Do not touch any spilled liquid, and stay away from a leaking vehicle or power 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 high-voltage system of the vehicle by themselves. If any repair is required, it is recommended that you 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

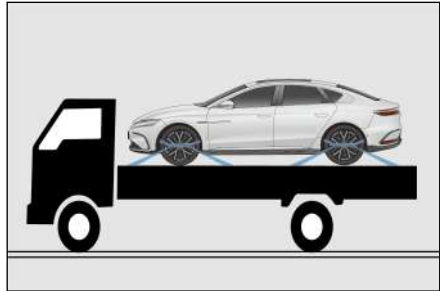
If the vehicle needs to be towed, contact a BYD authorized dealer or service provider, a professional towing service, or a roadside assistance service, if there is prior membership.

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.



Towing Hook

The installation point of vehicle towing hook is shown in the figure.

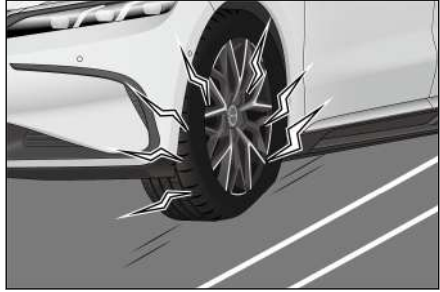


i Tip

- Towing the vehicle with a towing hook is not recommended. You'd better contact a professional towing service or the organization you joined for roadside assistance.
- Do not tow the vehicle from the rear with four wheels staying on the ground, to avoid damage to the vehicle.

In Case of a Flat Tire

- 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.



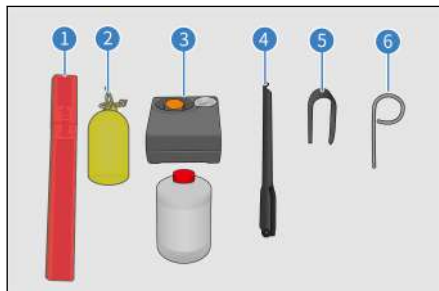
⚠ Note

- 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 (except the warning triangle) are stored in the toolkit under the trunk lid, whereas the warning triangle is fixed to the trunk lid.

- ① Warning triangle
- ② Reflective vest
- ③ Tire repair device*
- ④ Rocker wrench*



- ⑤ Lug nut cover removal clamp*
- ⑥ Wheel center cover removal hook*

■ In an emergency where you need to service the vehicle yourself, you must know how to use these in-vehicle tools and their locations.

Placing the warning triangle

i Tip

- 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 used to warn drivers of vehicles coming from behind and to avoid risk of collision with the vehicle ahead being parked or repaired due to high speed or late braking.

How to use the warning triangle:

1. Take the warning triangle out of its box.
2. Attach the ends to form a triangle.
3. Release its supports to create a pattern as shown.



Tire Repair Device* Use

- The tire repair device is used to seal small cuts, especially cuts in tread pattern. It is just an emergency solution for you to drive to the nearest service center, 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 tire sealant comes into contact with the skin or gets into the eyes, thoroughly flush the affected body part immediately with plenty of clean water.
- Change contaminated clothing immediately.
- 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 and seek medical attention immediately.

How to use the tire repair device

- Refer to the labels on the inflator and tire sealant canister for details on how to use the tire repair device.
- If the inflator needs to be connected to a power source, plug the inflator into the 12V socket in the vehicle, start the vehicle, and switch on the inflator. The tire sealant is then filled through the inflator hose into the tire along with air.

**i Tip**

- Make sure the inflator switch is off when plugging the power supply into the 12V socket in the vehicle.

i Tip

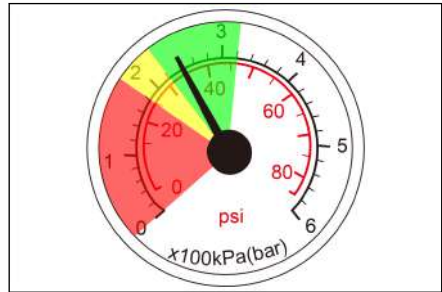
- The inflator can only be turned on for up to 10 minutes.

- Observe the tire pressure gauge reading on the inflator.

- If the tire pressure does not reach 180 kPa (1.8 bar) within 10 minutes (red area shown in the figure), turn off the inflator. You are recommended to contact a BYD authorized dealer or service provider.



- If the tire pressure reaches between 180 and 320 kPa (between 1.8 and 3.2 bar) (green and yellow areas shown in the figure), remove the kit as soon as possible and drive at a speed below 80 km/h within 1 minute, with the furthest driving distance not exceeding 10 km, so that the tire sealant is evenly distributed within the tire.



- Stop and check the repaired tire, and observe again the tire pressure gauge reading on the inflator.
 - If the tire pressure is greater than 220 kPa (2.2 bar), drive to the nearest service center at a speed below 80 km/h.
 - If the tire pressure is between 130 and 220 kPa (1.3 and 2.2 bar), repeat the process to fill the tire sealant into the tire and observe the tire pressure gauge reading on the inflator.
 - If the tire pressure does not reach 130 kPa (1.3 bar), it is recommended to contact a BYD authorized dealer or service provider.

i Tip

- Repairing damaged tires with the tire repair device is only an emergency solution. Please change the tires at a professional repair center as soon as possible. It is recommended that you contact a BYD authorized dealer or service provider, and inform the repair technician that the tires contain tire sealant.
- After repairing a tire with the tire repair device, it is recommended that you purchase new tire sealant and inflation hoses at a BYD authorized dealer or service provider.
- Avoid hard acceleration and high-speed turns.
- Do not exceed the 80 km/h maximum speed limit and replace flat tires as soon as possible. Do not drive further if the vehicle experiences strong vibration, unstable performance or noise.
- When the tire sealant is about to expire (see the label on the canister for exact expiry date), replace it with a new one.
- After repairing a tire with the tire repair device, it is recommended that you purchase new tire sealant at a BYD authorized dealer or service provider.

Tire Replacement***Wedging the wheel**

1. Wedge the tire diagonally against the flat tire to prevent the vehicle from rolling.

- To do so, place the wedges in front of the front wheels or behind rear wheels.

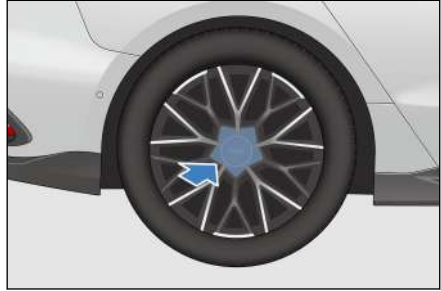


Loosening lug nuts

2. Remove the decorative cover of lug nuts with the wheel hub cover removal clamp or lug nut cover removal clamp (depending on vehicle models) in the trunk toolkit.

- Loosen lug nuts before raising the vehicle.

3. Turn the rocker wrench counterclockwise to loosen all lug nuts of the deflated tire.



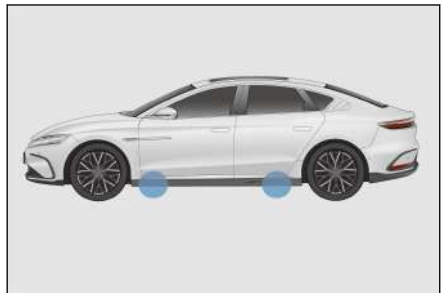
i Tip

- Hold the end of the rocker wrench and press it down, and do not allow the rocker wrench to slide off the nut.
- Do not remove the nut, just loosen it by one to two turns.

Positioning the jack

4. Position the jack at the correct jacking point as shown.

- Ensure that the jack is placed on a flat and solid ground.



⚠ Warning

When raising the vehicle, observe the following rules to reduce the likelihood of injury:

- Do not place any part of your body under the vehicle raised by a jack. Failure to do so may result in personal injury.
- Do not power on the vehicle when it is raised by a jack.
- Park the vehicle on flat and firm ground, engage the EPB and put the shift lever in neutral. If necessary, wedge the tire diagonally against the tire to be replaced.
- Ensure that the jack is placed at the correct jacking point. Raising the vehicle at an incorrect jack point will damage the vehicle or tip the vehicle off the jack, causing personal injury.

⚠ Note

- Ensure that the jack is properly raising the vehicle, otherwise it may damage the vehicle.

Jacking up the vehicle

5. After confirming that the vehicle has no passenger onboard, jack up the vehicle to a height allowing for spare tire installation.

- Installing a spare tire requires more distance from the ground than removing a deflated one.
- When lifting the vehicle, insert the rocker wrench into the jack and rotate it clockwise.
- When the jack is in contact with the vehicle and begins to lift the vehicle, verify again that the jack is in the correct position.



⚠ Warning

- When the jack is in contact with the vehicle and begins to lift the vehicle, verify again that the jack is in the correct position.

Replacing wheels

6. Remove lug nuts and replace the tire.

- Roll the spare tire to the mounting position, with the bolts aligned with the wheel holes. Then hold up the wheel until the top bolt passes through the screw hole.
- Rotate the tire and push it back until all other bolts pass through the holes.
- Before installing the wheel, remove corrosion from the mounting surface with a wire brush or the like.

**⚠ Note**

- When installing a wheel, ensure that the mounting surface is in good contact, otherwise loose lug nuts will cause the wheel to come off during driving.

Reinstalling lug nuts

7. Reinstall all lug nuts.

- When reinstalling lug nuts, tighten the lug nuts by hand to the greatest extent, then push the wheel backward and tighten the lug nuts further.

⚠ Warning

- Do not apply motor oil or lubricant on bolts or nuts, as this can over-tighten the nuts and thus damage the bolts. The loose nuts so caused would lead the wheels to come off, causing serious accidents.

Lowering the vehicle

8. Lower the vehicle completely, tighten the lug nuts, and install the decorative cover for lug nuts.

- Lower the vehicle and remove the jack.

i Tip

- Use a rocker wrench to tighten the nuts. Do not use other tools or any lever other than your hands, such as hammers, tubes, or feet.
- Ensure that the rocker wrench holds the nut tightly.

- Tighten the nuts a bit and alternatively in the sequence shown. Repeat the action until the lug nuts are torqued to the specification.



⚠ Note

- Before lowering the vehicle, make sure that no part of your body and no person in the vicinity of the vehicle will be injured by the vehicle's descent.
- Lug nuts must be torqued to 130 N•m after wheel replacement. Otherwise, loose nuts would cause the wheel to come off, causing serious accidents.

After wheel replacement

9. Check the pressure of the replacement tire.
- Adjust the tire pressure to the specification. If the pressure is lower than the specification, slowly drive to a nearby service station to inflate the tire to the correct pressure value.

- Be sure to mount the tire valve cap; otherwise dust and moisture will enter the valve stem and cause air leakage. If the valve cap is lost, use a new one as soon as possible.
10. Properly store all tools and the flat tire.
- Have the flat tire repaired by a technician.

i Tip

- Before driving, verify that all tools and flat tires are kept in a storage area to reduce the possibility of personal injury in case of collision or emergency braking.

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Vehicle Parameters

Dimensions:

Length * Width * Height (mm) (side mirrors not included in width)	4995*1910*1495
Wheelbase (mm)	2920
Front track (mm)	1640
Rear track (mm)	1640
Front overhang (mm)	975
Rear overhang (mm)	1100
Approach angle (°)	13
Departure angle (°)	14

Vehicle mass parameters:

Curb weight (kg)	2250	2100
Front axle load (kg)	1105	1096
Rear axle load (kg)	1145	1004
Max. total design mass (kg)	2660	2510
Front axle load at max. total design mass (kg)	1220	1210
Rear axle load at max. allowable total mass (kg)	1440	1300
Number of occupants (persons)	5	

Drive motor:

Model	Front: TZ200XSU; rear: TZ200XSE	TZ200XSU
Type	Permanent magnet synchronous motor	
Drive type	4WD	2WD

Rated power/revolving speed/torque (kW/rpm/N•m)	Front: 65/4400/140 Rear: 65/4775/103	65/4400/140
Peak power/revolving speed/torque (kW/rpm/N•m)	Front: 180/15000/350 Rear: 200/15000/350	180/15000/350

Vehicle power and economy:

Item	Parameter		
	HCEEB	HCEEA	HCEEE
Max. design speed (km/h)	180	180	180
Max. gradeability (%)	≥30	50	≥50
Power consumption per 100 km under comprehensive working conditions (kWh/100 km)	13.9	16.3	18.8

Wheel and tires:

Tire specifications	245/45/R19
Tire pressure (kPa)	250
Wheel dynamic balance requirement (g)	≤10

Wheel alignment values (at curb weight):

Front wheel camber (°)	-0.5±0.75
Front wheel toe-in (mm)	0±2
Kingpin inclination angle (°)	12.25±0.75
Kingpin caster angle (°)	2.75±0.75
Rear wheel camber (°)	-0.75±0.75
Rear wheel toe-in (mm)	3±2

Braking system:

Free stroke of brake pedal (mm)	≤5
---------------------------------	----

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Front brake disc thickness (mm)	32	32
Rear brake disc thickness (mm)	16	12
Front brake lining thickness (mm)	12	
Rear brake lining thickness (mm)	6.5	

Power battery:

Type	Lithium iron phosphate battery
Rated capacity (AH)	150

Seats:

Seat	Item	Parameter
Front seats	Front and rear seat positions set for front seat (seat cushion depth measured)	30 mm forward from the farthest slide rail stroke
	Normal service conditions of front seats' seat backs	Seat back 26° forward and 40° backward from designed position, slide rail 210 mm forward and 30 mm backward from designed position; slide rail inclination: 4.5°
Rear seats	Normal service conditions of rear seats' seat backs	Seat back angle 30°; seat back 4° forward and 4° backward from designed position; no slide rail

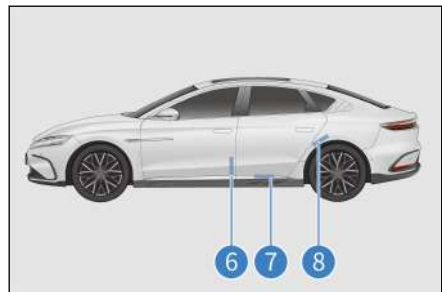
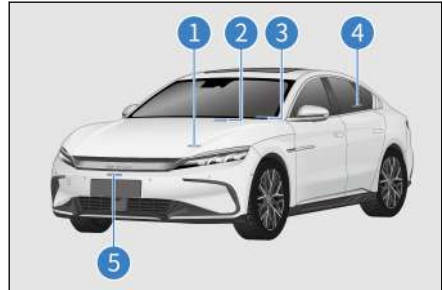
Fluid:

Maintenance Item	Model	Filling Quantity
Transmission gear oil	Castrol BOT384	0.85±0.1L (front assembly) 0.95±0.1L (rear assembly)

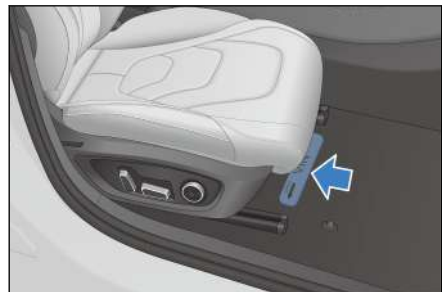
Coolant	Ethylene glycol long-acting anti-rust antifreeze Coolant ice point: -40°C	6.43 L (2WD) 9.7 L (4WD)
Brake fluid	DOT4/HZY6	1.13±0.2 L (2WD) 1.15±0.2 L (4WD)
A/C refrigerant	R-134a	1150±10g

Vehicle Identification

- ① Vehicle Identification Number (VIN) attached on the front of transmission assembly housing
- ② VIN attached on the side of the hood
- ③ VIN attached on the front windshield cross sill
- ④ VIN attached inside the trunk lid
- ⑤ VIN attached on the front anti-impact beam
- ⑥ VIN attached on the lower corner of left front door
- ⑦ VIN attached on the left rear door sill
- ⑧ VIN attached on the left rear wheel envelope



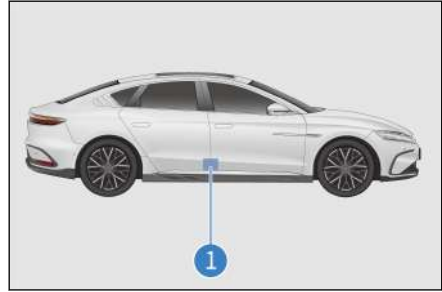
VIN is engraved on the lower beam of the front passenger seat.



Note: The VIN can be read in the upper right corner of the page for the corresponding model after connecting the VDS. For details, please refer to the VDS operation manual.

Vehicle Nameplate

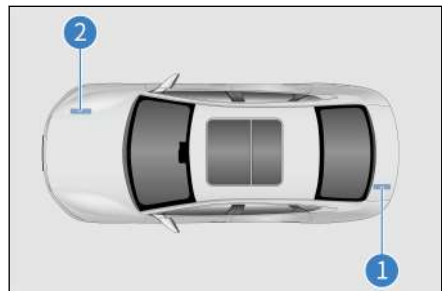
- ① It is attached below the right B-pillar lock ring and contains the following information:



- | | |
|---|--|
| ■ 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 power battery system | ■ Rated capacity of power battery system |
| ■ Vehicle identification number (VIN) | ■ Maximum allowable total mass |

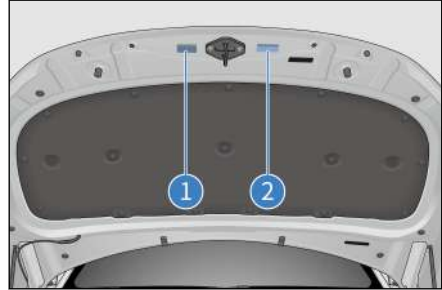
Model and Serial Number of Drive Motor

- ① The model and serial number of rear drive motor are engraved on the left groove of the trunk lid*.
- ② The model and serial number of front drive motor are engraved on the front drive motor housing.

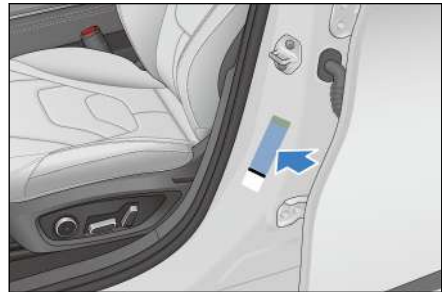


Warning Labels

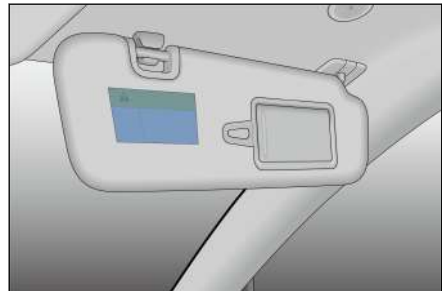
- ① A/C system and cooling fan stickers
- ② Battery location sticker



Side airbag warning labels are attached below the left and right B-pillars.



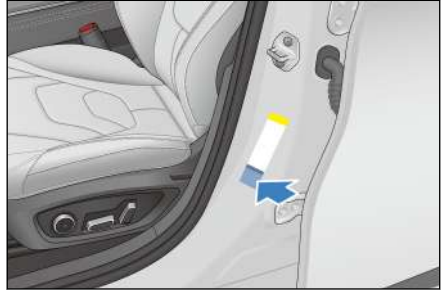
The airbag warning label is printed on the right sun visor.



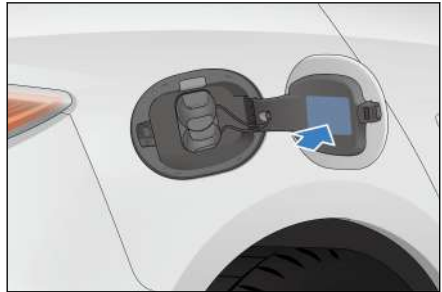
Warning

- 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 attached below the left B-pillar.



The AC charging warning label is attached on the inside the cover of the AC charging port.



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Abbreviations			
Terminology	Name	Terminology	Name
ECU	Electronic Control Unit	ECO	Ecology, Conservation, Optimization
NORMAL	Normal	SPORT	Sport
AVH	Auto Vehicle Hold	ACC	Adaptive Cruise Control
PCW	Pedestrian Collision Warning	AEB	Automatic Emergency Braking
AVAS	Acoustic Vehicle Alert System	VDC	Vehicle Dynamics Control
TCS	Traction Control System	HHC	Hill Hold Control
HBA	Hydraulic Brake Assit	CDP	Controller Deceleration Parking
TPMS	Tire Pressure Monitor System	VIN	Vehicle Identification Number