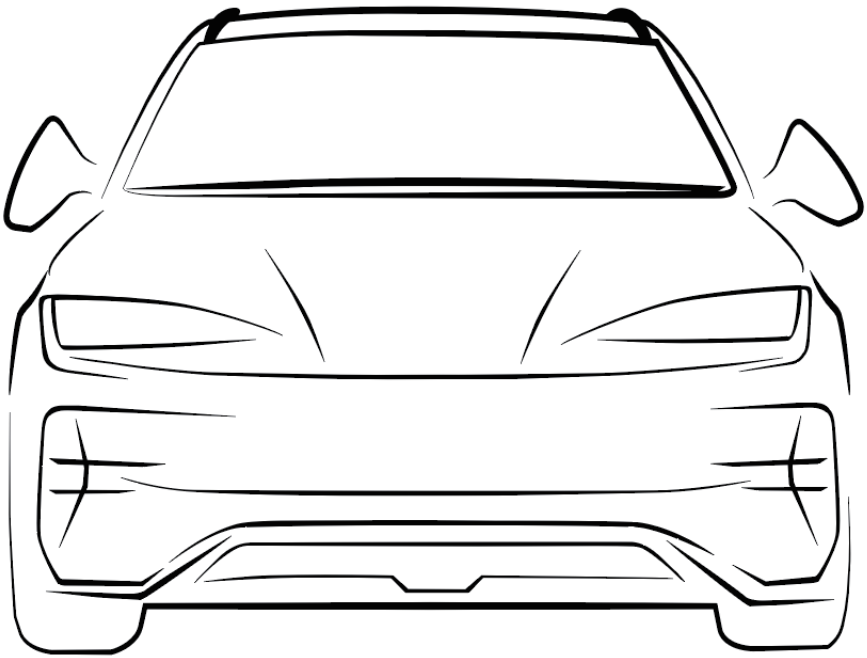
BYD SEAL U EV

OWNER'S MANUAL



Foreword

Thank you for choosing BYD. Please read this manual carefully to ensure proper use and maintenance of the vehicle.

Special instructions: BYD Auto Co., Ltd. recommends that you choose genuine spare parts and use, maintain, and repair the vehicle 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, vehicle modifications may also violate national laws and regulations and local government regulations.

Thank you again for choosing BYD. Your valuable comments and suggestions are welcome. For better services, please provide accurate contact information. In case of any change, please contact a BYD authorized dealer or service provider as soon as possible for update. Moreover, please pay attention to laws, regulations and local policies regarding licensing in your country, and license your vehicle promptly to avoid potential licensing issues.

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

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

REMINDER

Items that must be observed to facilitate maintenance.

CAUTION

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

WARNING

Items that must be observed to ensure personal safety.

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

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

Sustainability

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

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

Contact Us

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

E-mail: Autoservice.contact@byd.com

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

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Overview of BYD SEAL U

BYD SEAL U, with new power, is an eco-friendly all-electric passenger car BYD is dedicated to making. The integration of its load-bearing body with the high-voltage battery pack fully ensures the safety of the battery and the entire vehicle.

Being purely electric, the vehicle 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 and traditional is a priority in the vehicle design so that the driver and passengers are protected in case of a collision.

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

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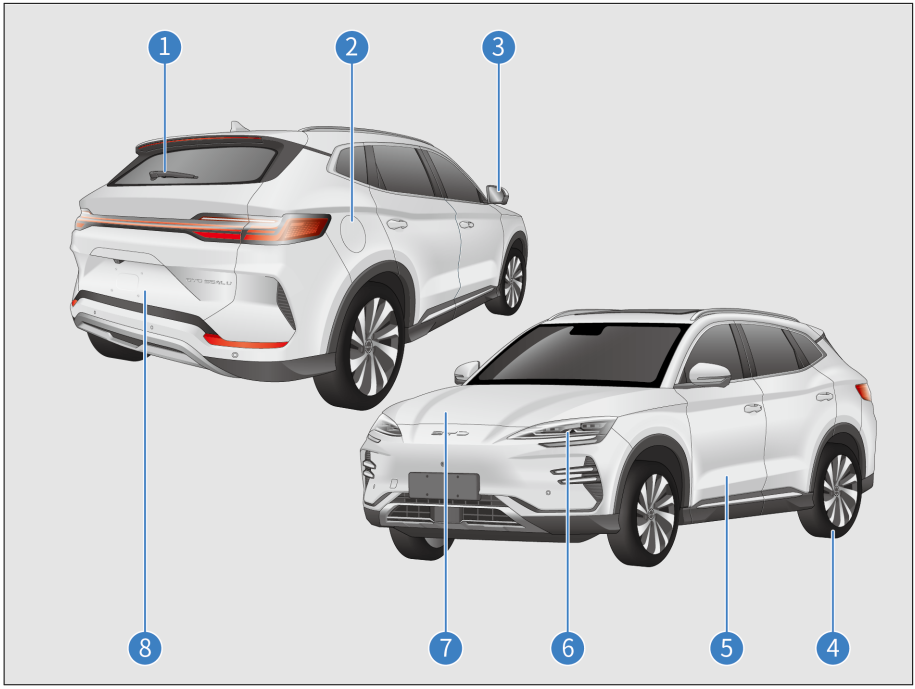
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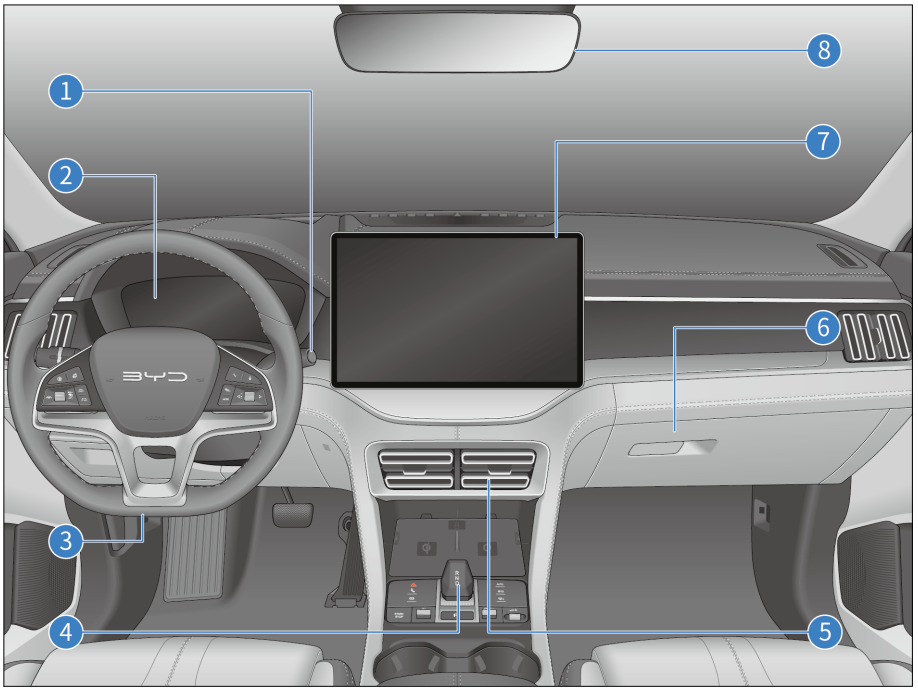
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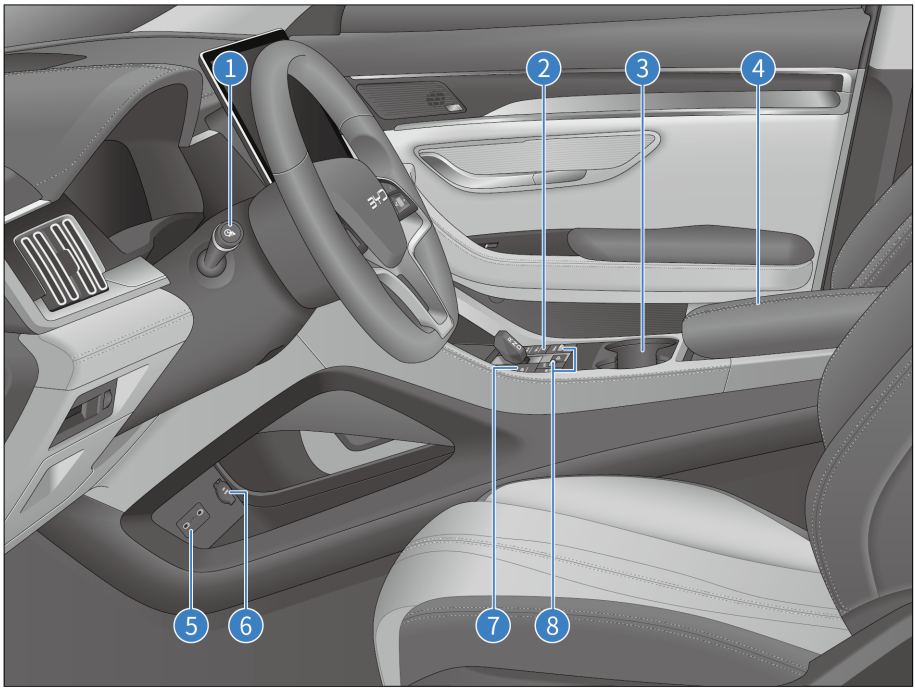
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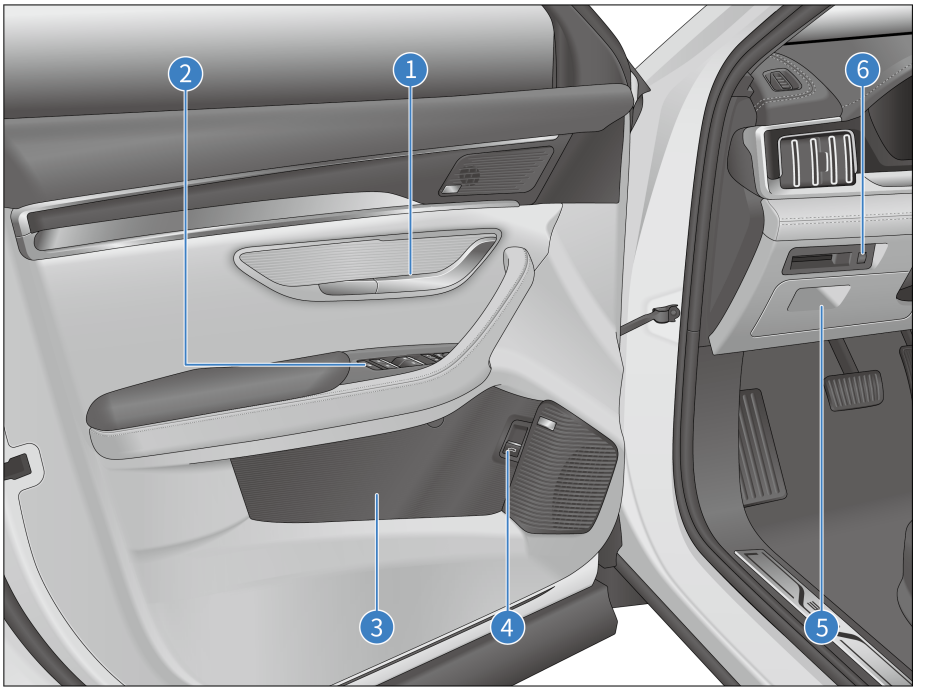
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Seat Belts

Seat Belts

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

CAUTION

- Always have the seat belts fastened while the vehicle is in motion.
- Before driving, make sure all occupants are properly buckled up to prevent serious injury or death in emergency braking or in a collision.
- The seat belts are designed primarily for adults and are not intended for children. Make sure to choose an appropriate child restraint system according to your child's age and size (see "Child Restraint System Classification").
- If a seat belt is damaged or malfunctions, immediately contact a BYD authorized dealer or service provider for confirmation and handling. Until then, do not use the corresponding seat.

- BYD has highly emphasized that driver and occupants should always fasten their seat belts while in the vehicle. Failure to do so increases the risk of injury in case of an accident.
- 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 sitting on someone's lap, for there is insufficient protection.

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.
- Occupants can move freely when the vehicle is running smoothly and the seat belts are pulled out or retracted slowly.
- If a seat belt locks due to fast retracting, tightly pull the belt and release it to allow for smooth retraction.

Pretensioner and Force Limiter Function

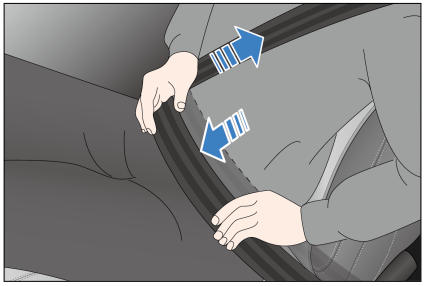
When a severe front collision occurs and the triggering conditions of the pretensioner are met, the pretensioner quickly retracts part of the seat belt and locks it to improve the protection of the occupant. The pretensioner limits the seat-belt restraint force to the occupant's body to a certain extent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

Using Seat Belts

1. Adjust the seat position and seatback angle (see Adjusting Front Seats).
2. Adjust the position of the three-point seat belt.

- Keep a proper sitting posture and pull the seat belt out to wear it diagonally from the shoulder to the chest. The

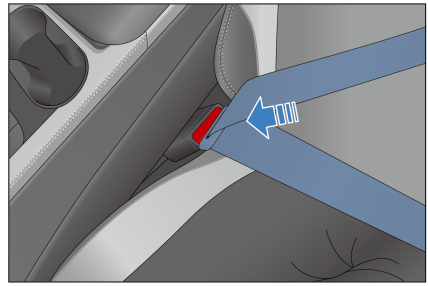
belt should not go under the arm or across the back of the neck. Keep the belt lap part as close as possible to the hip bone.



CAUTION

- The shoulder belt should cross the center of the shoulder. The seat belt should be far from the neck and not liable to slip from the shoulder; otherwise, it cannot function well in the event of emergency braking or accident and may even cause severe injury.
- The lap belt should be positioned as low as possible across the hip to prevent any injury caused by pressing against the abdomen in case of an accident.
- The seat belt should be fitted tight to the body for better protection.

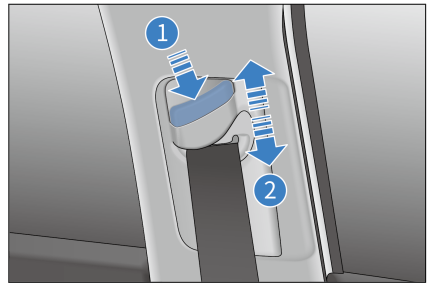
3. Insert the latch into the buckle until it clicks and then pull it back to make sure it is firmly locked. Do not fasten the belt if it twisted.



4. Adjust the height of the (front) seat belts for optimum comfort and protection.

① The height of the front seat belts can be adjusted for optimum comfort and protection.

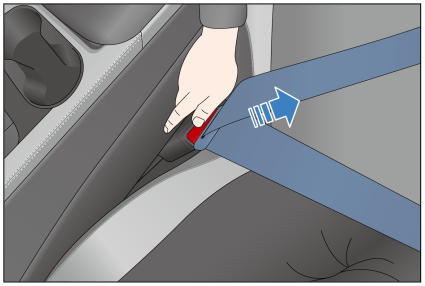
② Move it up or down to the desired height and then release it.



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

6. Unbuckling Seat Belts

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



REMINDER

- For normal functioning of the rear seat belt, ensure that its latch is inserted into the corresponding buckle during use. The driver should remind occupants to wear seat belts properly.
- The driver should ensure that all occupants are wearing seat belts before driving the vehicle.

CAUTION

- One seat belt is for one occupant only. Do not allow multiple occupants (including children) to share one seat belt.
- Avoid traveling with the seatback leaning too far back. The seat belt protection performs best when the seatback is upright.
- Make sure that no seat belt or itsspring bolt/buckle becomes pressed by the door; otherwise, the seat belt may be damaged.
- Check the seat belts regularly for cuts, wear, looseness, and other abnormalities. If any problem is found, contact a BYD authorized dealer or service provider for confirmation and handling. Until then, do not use the corresponding seat.

CAUTION

- Do not remove, disassemble or modify the seat belts.
- 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.
- For seat belt replacement, a seat belt with the same state and number as the original one is required. The driver's seat, front passenger's seat and rear (second row) outboard seat can only be equipped with seat belts that have load limiters.
- In the event of a severe accident, regardless of whether the seat belt has an apparent damage, replace it together with the seat assembly, and thoroughly check the airbag system.
- Pregnant women should also fasten their seat belt properly. Particularly, be sure to position the lap belt as low across the hip as possible to prevent serious injury.
- Do not insert foreign objects such as coins and clips into the buckle as they prevent proper connection between the latch and buckle.

Seat Belt Reminders

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

- Seat belt reminder indicator

When any seat's 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 the driver or front passenger (if the passenger seat is occupied) has not buckled up after the ignition is switched on, the seat belt reminder indicator and the indicator associated with the corresponding seat light up. If the seat belt remains unfastened while driving, in addition to the reminder indicator, an audible alarm is given to remind the driver and the occupant.

- Seat belt reminder for rear passengers

With the ignition on, if any rear-row seat belt is not fastened, the seat belt reminder indicator and the indicator associated with the corresponding seat light up. While the vehicle is in motion, when only rear seats are loaded with occupants, who have not buckled up, the seat belt reminder indicator is on and audible alarm is given.

- When the driver, the front passenger, and rear passengers have buckled up, the seat belt reminder indicator and all indicators displayed for the corresponding seats turn off.

REMINDER

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

Airbags

Airbags

- The airbag system is a part of auxiliary restraint system and also a supplement to seats and 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. They deploy according to the type of collision. The front airbags include a driver front airbag, 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 cannot replace the seat belt. It is an integral part of the whole passive safety protection system of the vehicle. and must be used in combination with seat belts to maximize protection.

REMINDER

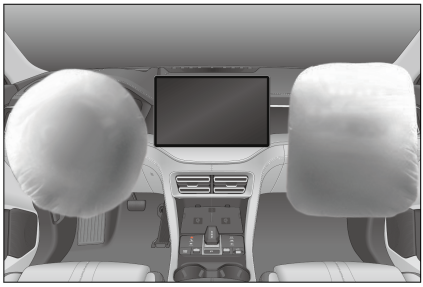
- Occupants must sit in a proper position to maximize the protection provided by seat belts and the airbag system.
- Do not disassemble or assemble the airbag components.

REMINDER

- Do not use seat covers, as they 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 the seat equipped with side airbag.
- After a collision, although the airbag module is not deployed and the pre-tensioner seat belt is not locked, the airbag computer may be encrypted to protect the passengers from high voltage. In this case, contact a BYD authorized dealer or service provider for inspection.

Driver and Front Passenger Airbags

The driver airbag and front passenger airbag (if equipped) can deploy to reduce the extent of any injuries when the airbag system ECU detects a moderate to severe head-on collision during vehicle operation and other airbag system triggering conditions are also met.

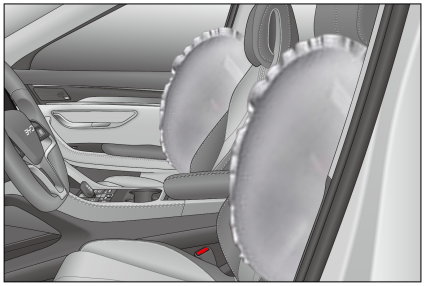


Front airbag deployment

- In moderate to severe frontal crashes, a sensor detects a sharp deceleration and sends a signal to the ECU to trigger the front airbags.
- When there is a frontal crash, the seat belt secures the occupant's lower body and torso in place. The airbag cushions and protects the occupant's head and chest.
- When the severity of the impact does not reach the airbag deployment threshold, the seat belt provides enough protection.
- The front airbag deflates immediately after inflation, without affecting the driver's vision and ability to operate the steering wheel or other controls.
- The airbag deploys within a thousandth of a second.
- A loud noise will be heard when the airbag deploys. It will not cause injury, but it may cause tinnitus or temporary deafness.
- A cloud of dust from the airbag surface may come off when the airbag deploys. Although such powder is non-toxic, individuals with respiratory problem might experience some temporary discomfort.
- PAB switch can be used to enable or disable the front passenger airbag, as detailed in "Passenger Airbag (PAB) Switch*".

Front Seat Side Airbags

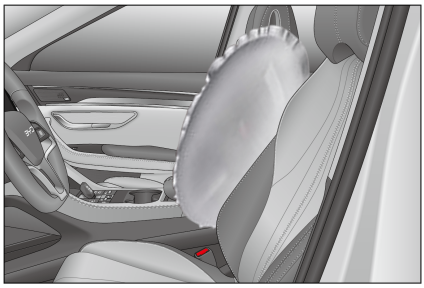
The vehicle is equipped with side airbags for the left and right front seats (installed in the outer edges of the front seat backrests and marked with"AIRBAG", as shown):



- When the airbag triggering conditions are met due to a moderate to severe side impact during driving, the airbag deploys to assist in protecting the chest of the passenger on the impacted side to reduce the degree of injury.
- In the event of side collision, only the airbag on the impacted side deploys.
- If the collision occurs on the passenger side, the airbag on the passenger side deploys even if there is no passenger in the seat.
- In order to obtain the best protection from the seat side airbag, the passenger must fasten the seat belt and sit upright against the seat back.

Front Far Side Airbag

- The vehicle is equipped with the front centre airbag (installed in the inner edge of the driver seat and marked "AIRBAG", as shown):



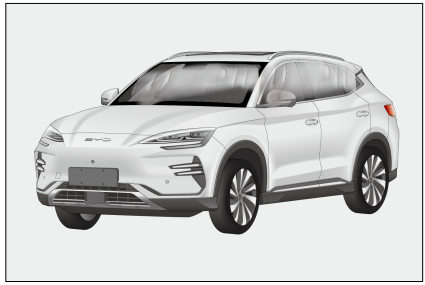
- When a moderate to severe front or side impact and the triggering conditions are met, the far side airbag deploys to protect the heads and shoulders of the driver and the front passenger.
- If the impact occurs on the front passenger side, the far side airbag deploys even if there is no passenger in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

In a vehicle equipped with seat side airbags:

1. Do not wet the seat backrest with water. If the backrest is wet by rain or water spray, the function of the side airbag system may be hindered.
2. Do not cover or replace the seat backrest cover by yourself. Inappropriate seat backrest cover replacement or covering hinders the deployment of seat side airbags in the event of a collision.

Side Curtain Airbags

- The vehicle 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-pillartrim, B-pillar trim, and C-pillartrim, as shown).



- When the ECU detects a moderate to severe impact and the triggering conditions are met, the curtain airbag deploys to protect the occupant's head.

REMINDER

- When a side impact occurs, generally only the airbag on the impacted side deploys.
- For optimum curtain airbag protection, the occupant must have their seat belt fastened and be sitting in an upright position.

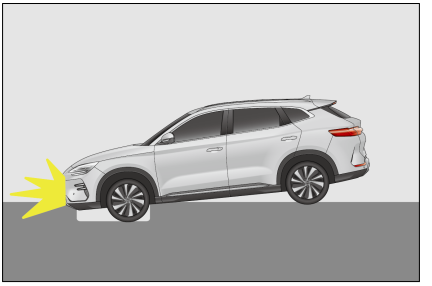
Airbag Triggering Conditions and Precautions

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 this case, the driver and passengers are protected by their properly fastened seat belts.
- Determinants of airbag system triggering: Decision is made by comparing the deceleration curve, generated in the collision and obtained by the ECU, and the set value. If signals, such as the deceleration curve generated and measured in the collision, are lower than the respective reference values preset in the ECU, the airbag system will not be triggered even if the vehicle may have been seriously deformed in the accident.
- The ECU of the BYD airbag system has been set up with considerations of common misuse and road conditions. However, due to the increasing changes in causes and forms of vehicle collisions, for your safety, please strictly follow this user manual, use the vehicle correctly, and avoid its misuse. Otherwise, there is no guarantee that the airbags will achieve their expected effect.

Cases When Airbags May Be Deployed

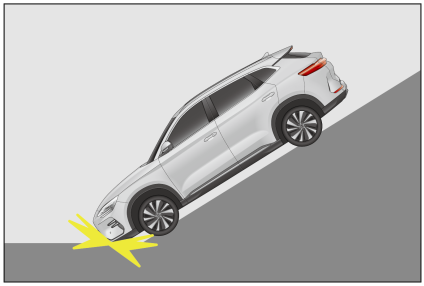
The vehicle's nose hits the ground when crossing a deep groove.



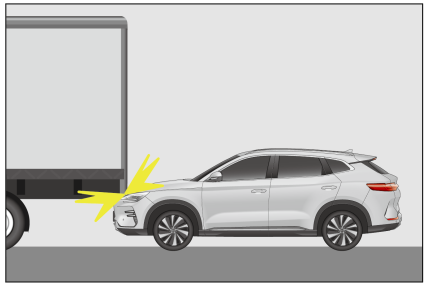
The vehicle hits a bump or curbstone.



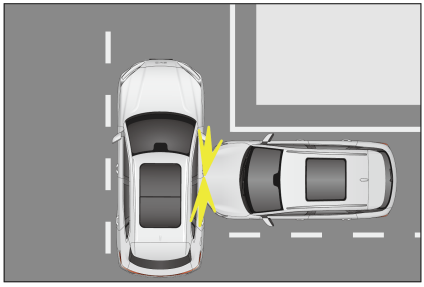
The vehicle's nose hits the ground when going down a steep slope.

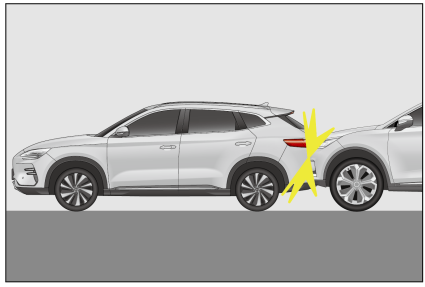


One side of the vehicle is hit by another vehicle.



The tail of the vehicle is hit by another vehicle.

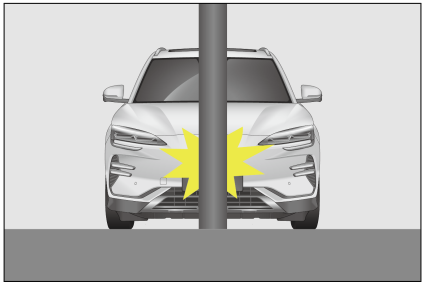




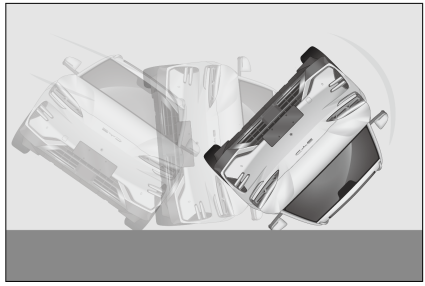
The vehicle rolls over.

Cases When Airbags May Not Be Deployed

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



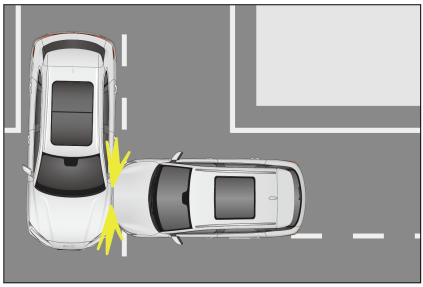
The vehicle goes under a truck or another large vehicle.



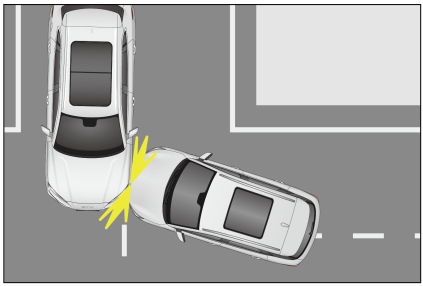
The vehicle hits a wall or a vehicle at a side other than the front side.



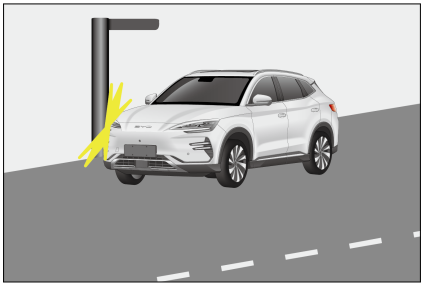
Parts other than the passenger compartment receive side impact.



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.
- The driver shall keep the distance between the chest and steering wheel at least 25 cm for the most effective protection when the system is triggered.
- Fasten your seat belt and sit properly while the vehicle is in motion. If the seat belt is not fastened, and the occupant is leaning forward or sitting improperly, airbag deployment can increase the risk of injury.
- Do not paste stickers, cover or decorate the hub cover of the steering wheel, the right side surface of the dashboard or the surface of A, B, and C pillar trims and seat side airbag. Clean these surfaces with a dry or damp cloth, without applying too much pressure.
- A child is not to be seated in the front passenger seat, nor

WARNING

are they to ride sitting on a front passenger's lap, to prevent serious injury or even casualty caused by airbag deployment.

- Accessories, such as telephone holders, cups, ashtrays, must not be installed on airbag covers or within their action range. Otherwise, airbag deployment will increase the risk of injury in an accident.
- 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 other trims or articles within the action range of any side curtain airbag (e.g., windshields, side door glass, A-pillar shields, roof, B-pillar shields, C-pillar shields and auxiliary handles). Otherwise, trims or objects will be thrown out due to the strong force released when side curtain airbags deploy, or will cause failure of side curtain airbags to deploy properly, resulting in serious or even life-threatening injuries.
- 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.

WARNING

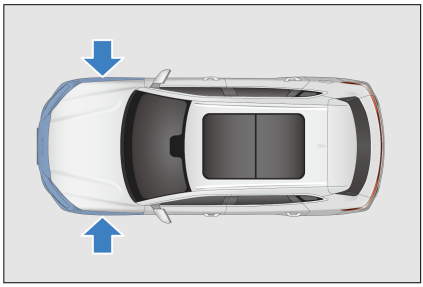
- Do not disassemble or repair the A-pillar trim, ceiling, B-pillar trim or C-pillar trim, which contain side curtain airbags. These changes can cause failure of the airbag system or accidental deployment of curtain airbags, which may cause serious injury or even death.
- Do not change any component 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.
- Follow safety regulations and procedures related to the scrapping of parts of the vehicle or its airbag system.
- The airbag system has strong anti-interference and anti-disturbance resistance to electromagnetic fields around it. However, to avoid accidents, do not use the vehicle in an electromagnetic environment that violates national regulations.
- The airbag system of this vehicle is designed with full consideration of 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

WARNING

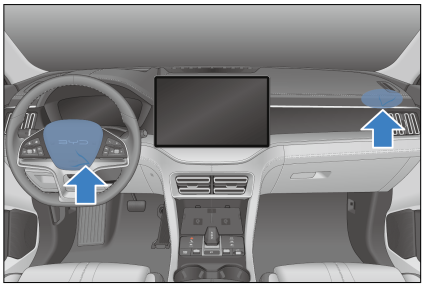
match the vehicle's original wiring harness system. Any wiring harness modification or alteration may cause the airbags to deploy mistakenly under normal conditions or fail to deploy in the event of a collision.

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

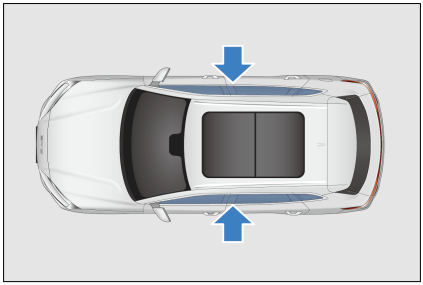
- The airbag has deployed.
- Instrument cluster airbag warning light lights up abnormally.
- Airbags do not deploy when the front part (shaded part in the figure) of the vehicle suffers a collision.



- The airbag cover has been scratched, cracked or otherwise damaged.
- Airbags need to be removed, disassembled, installed or repaired.



- Side airbags and curtain airbags have deployed.
- An impact to a vehicle door in an accident is not adequate to cause the airbag to deploy.
- The surface of the seat with a side airbag is scratched, cracked or damaged similarly.



- The trims (shaded part in the figure) of A-pillar, roof rail, and C-pillar with curtain airbag inside is scratched, cracked, or damaged.

Child Restraint Systems

Children Restraint System

Child restraint systems provide good protection to your child occupants in an accident. For the child's safety, please carefully read the instructions provided with the child restraint and in this manual before installing a child restraint.

WARNING

- Never carry a child on your lap in a vehicle journey.
- An appropriate child restraint system must be used for your child.

WARNING

- Please follow the instructions provided with the child restraint system and in this manual to make sure a child restraint it is properly installed in the vehicle.
- When the child restraint is removed from the seat, ensure it is stored safely.
- Failure to follow the advice given, or the instructions from the child restraint system manufacturer, can endanger life or lead to serious personal injury.

Children should use an appropriate child restraint system, and it is recommended that children are seated on a rear outboard seat position. Children should sit comfortably and safely. Children of all ages and sizes must always sit correctly secured in the vehicle.

Important considerations for selecting a child restraint system

- The child restraint system is the correct type and size for the child.
- The child restraint system is the correct type for the seating position.
- The child restraint system must be approved in accordance with either ECE R44 or ECE R129.

Child Safety

It is recommended that children are seated on a rear outboard seat position, and according to the child seat installation instruction provided by the child seat manufacturer.

- Where possible, the child seat should be secured with the top tether strap.
- The backrest of the child seat must lay as flat as possible against the vehicle seat backrest.
- If required, adjust the seat backrest angle so that the child seat lies flat against the backrest.
- Once it has been installed, if the child seat is touching the head restraint and therefore cannot be positioned flat against the backrest, raise the head restraint all the way up, or remove it and stow safely in the vehicle.

For additional installation instructions, please read the instructions provided with your child restraint system.

Installing Child Restraint Systems

Installation in the front passenger seat

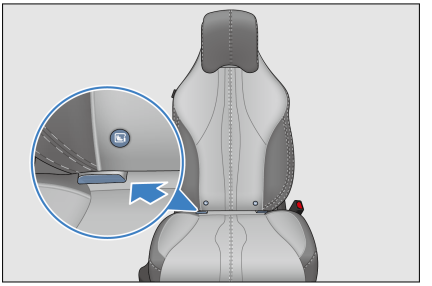
- NEVER use a rearward facing child restraint on a seat protected by an ACTIVE AIRBAG in front of it, DEATH or SERIOUS INJURY to the CHILD can occur.
- When a forward-facing child restraint system is used on the front passenger seat, ensure that the seat is positioned fully rearward away from the active airbag.
- If required:
  - adjust the front passenger seat rearwards so that there is no contact between the child sitting in the front passenger seat and the vehicle interior.
  - adjust the front passenger seatback so it has secure contact with the child restraint system.
- When using a rear-facing child seat, turn the PAB switch to OFF, to disable the front passenger seat airbag. For details, see ‘Passenger Airbag (PAB) Switch’ in chapter 3.



WARNING

- The passenger airbag switch must be turned to ON, immediately after the rear- facing child restraint system is removed from the front passenger seat, to enable the front passenger seat airbag.
- Never use a rear-facing child seat on the front passenger seat with the front passenger airbag activated.
- Failure to follow the advice given, or the instructions from the child restraint system manufacturer, can endanger life or lead to serious personal injury.
- Front-facing passengers (children or adults) must never sit on the front passenger seat with the passenger airbag deactivated.
- When a forward facing child restraint system is used on the front passenger seat, ensure the seat is positioned fully rearward away from the active airbag.

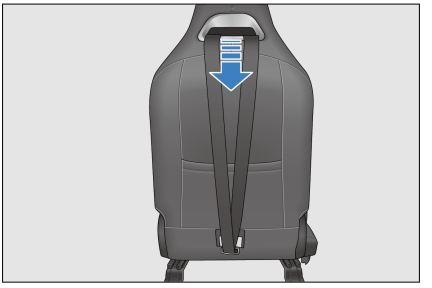
- The front passenger seat is equipped with ISOFIX/i-Size anchorages. The anchorage locations are identified by a marking (see the illustration) located on the seatback, directly above the associated anchorages.



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

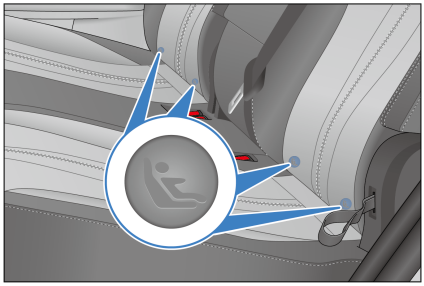


- When the child restraint is installed on the front passenger seat with a top tether:
  - route it through the aperture of the head restraint.

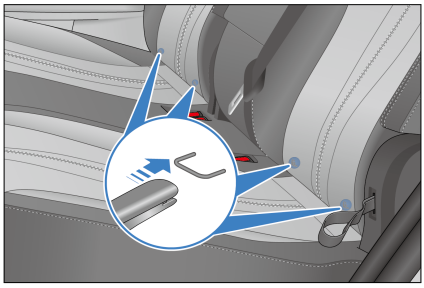


Installation in the rear seat

- The anchorage locations are identified by a marking (see the illustration) located on the seatback, directly above the associated anchorages.



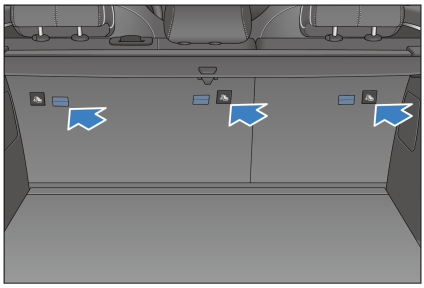
- The rear outboard seats are equipped with ISOFIX/i-Size anchorages.



CAUTION

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

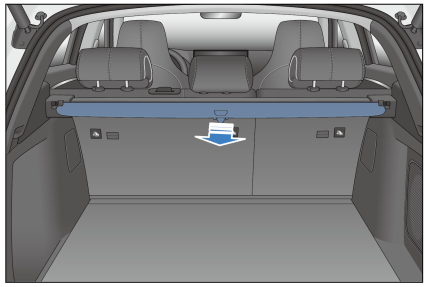
- The rear seats are equipped with top tether strap anchorages on the back.



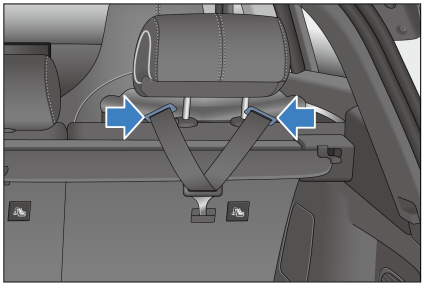
CAUTION

- When the child restraint is installed with a top tether on a rearoutboard seat, first remove the cargo cover, to have access to thetop tether anchorage.

- When the child restraint system is installed on any rear seat, The front seats can be adjusted forward, and the front seatback angle can be rotated, to ensure there is no contact of the front seats to the child.
- To ensure that the vehicle seatback can safely support the child restraint system, the head restraint can be adjusted or removed.
- When the child restraint is installed on the rear outboard seat with a top tether:
  - remove the cargo cover to have access to the top tether anchorage and store the cover safely in the vehicle, and;



  - route it at the outside of each head restraint rod.

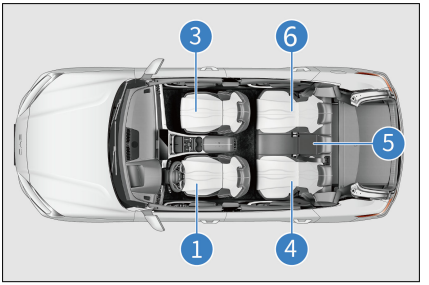


WARNING

- When a child restraint is a booster cushion only, without a seatback, the head restraint must never be removed, and must be positioned at the appropriate height.

Details on child restraint system installation locations:

- ① Driver seat
- ③ Front passenger seat
- ④ Rear left seat
- ⑤ Rear center seat
- ⑥ Rear right seat



CAUTION

- The illustration indicates seat positions for a LHD model. For RHD model, the front seat reference positions are switched.

The following table shows the installation options for ISOFIX or i-Size child restraint system at the ISOFIX or i-Size anchorage points of the individual vehicle seating locations.

	Seating Position					
		3				
	1	Front Passenger Airbag Activated[a])	Front Passenger Airbag Deactivated [a])	4[b])	5[b])	6[b])
Seating position suitable for Universal belted	X	YES (Forward-facing only)	YES	YES	YES	YES
Seating position suitable for i-Size	X	YES (Forward-facing only)	YES	YES	NO	YES
Largest suitable	X	NO	NO	NO	NO	NO

	Seating Position					
		3				
	1	Front Passenger Airbag Activated[a])	Front Passenger Airbag Deactivated [a)]	4[b)]	5[b)]	6[b)]
Lateral child restraint system						
Largest suitable Rearward child restraint system	X	NO	R1 / R2X / R2 / R3	R1 / R2X / R2 / R3	NO	R1 / R2X / R2 / R3
Largest suitable Forward child restraint system	X	F2X / F2 / F3	F2X / F2 / F3	F2X / F2 / F3	NO	F2X / F2 / F3
Suitable for booster seat	X	B2 / B3	B2 / B3	B2 / B3	B2 / B3	B2 / B3
Suitable for support leg	X	YES	YES	YES	YES	YES

[a)] : The front seat must be positioned fully rearward and fully down. The front seat belt upper anchorage should be adjusted to be fully down. If necessary, to ensure the child restraint system has direct contact to the front seatback, the front seatback can be adjusted vertically and / or the head restraint adjusted or removed.

[b)] : If necessary, to ensure the child restraint system has direct contact to the rear seatback, the head restraint should be adjusted or removed.

X:Seat position not suitable for securing a child restraint system.

Recommended child restraint systems:
(Group and child stature according to ECE R129).

Group	Child Stature (cm)	Manufacturer	Child Restraint System	Comment
0	< 83	Maxi-Cosi	Pebble 360	Belted
0+/1	76-105	Britax Römer	Trifix 2 i-Size	ISOFIX and belted
2	< 135	Britax Römer	Kidfix i-Size [a)]	ISOFIX and belted
3	< 150	Nania	Booster Basic	Belted

[a)] Ensure:

- The lap belt is in the SecureGuard.
- The diagonal belt is not in the SecureGuard.
- The SICT element is installed correctly.

① Group 0

② Group 0+/1

③ Group 2

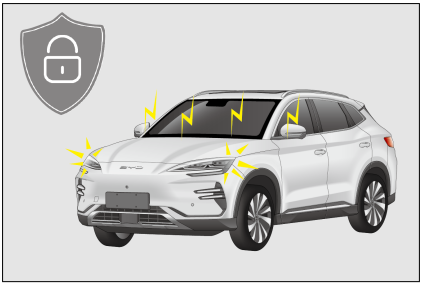
④ Group 3



Anti-theft System

Anti-theft System

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



Enabling anti-theft system

1. Power off the vehicle.
2. Have all occupants exit the vehicle.
3. Lock all doors. The anti-theft indicator remains on for 10s until the anti-theft system is automatically activated. After that, the anti-theft indicator starts flashing.
4. Before leaving, confirm this indicator is flashing. Make sure no passengers are in the vehicle while setting the alarm.

Unlocking any door from the inside can activate the system.

Triggering the alarm

- In the following cases, the system will emit a light alarm * or sound alarm *:
  - a door, trunk lid, or hood is unlocked without the smart key; or
  - When the vehicle is locked in anti-theft mode, and there is no legal key inside the vehicle, pressing the start button will trigger an illegal start alarm.

Releasing the alarm

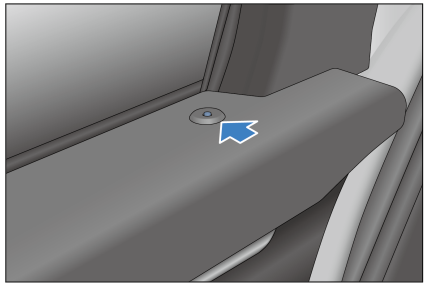
- The anti-theft alarm is released when:
  - doors are unlocked with the smart key;
  - a door is unlocked with the microswitch;
  - the trunk lid is opened remotely with the smart key;
  - the vehicle is started remotely with the smart key; or
  - the START/STOP button is pressed with the smart key inside the vehicle.

WARNING

- Do not modify the anti-theft system by means of alteration or addition. Otherwise, the system may fail.

Anti-theft Indicator

When the anti-theft system is enabled, the anti-theft indicator is solid on for ten seconds.



Data Collection and Processing

Event Data Recorder System

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

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

Vehicle Data Processing

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

In-vehicle Data

Operation data

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

Remote-Services-Related Data

Remote monitoring services

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

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

Other

Multimedia system

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

Integration of mobile devices

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

Internet access and connected services

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

Camera image recording/surrounding area monitoring

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

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

Permanent Vehicle Transfer to Third Parties and Offline Mode

- In case of a permanent vehicle transfer, i.e., second hand vehicle, or vehicle transfer by a third party for permanent use, it must be noted that any personalization/user settings made via the multimedia system (e.g. address list, navigation system, etc.) may be accessed by the new owner.

CAUTION

- When the vehicle is scrapped or transferred, it is recommended that you restore the factory settings to protect your privacy.

- You can also restrict your vehicle's communication with the BYD data server and the processing of vehicle-related and personal data by setting the vehicle to offline mode.
- On the infotainment touchscreen, tap to turn Wi-Fi off.
- This can also be done by tapping → System Settings → Internet → WLAN → Off.

Disclosure of Personal Data to Authorities

- BYD discloses your personal data to third parties only if this is legally permissible or you have consented to it.
- However, according to applicable laws, government agencies may be authorized to read data from the vehicle (e.g., data can be read from an airbag control unit to clarify an incident)
- According to law, BYD may also be obliged to disclose data to governmental authorities in your country/region upon request, for example, during criminal investigations.

Your Data Protection Rights

- BYD has staunch respect for its customer's privacy, and strictly complies with all data protection laws, in particular the General Data Protection Regulation (GDPR) and applicable local laws.
- According to these laws, owners have specific rights when their personal data is processed:
- The data subject has the right to be informed, the right of access, the right of rectification, the right to delete personal data (the "right to be forgotten") and the right to object to or restrict the processing of personal data (or to withdraw consent previously given, as well as a right to transplant data).
- These rights may be limited in some cases. For example, if we can show that we have a legal obligation to process your data, or if providing the information to you would disclose personal data about another person,

or if we are legally prevented from disclosing that information.

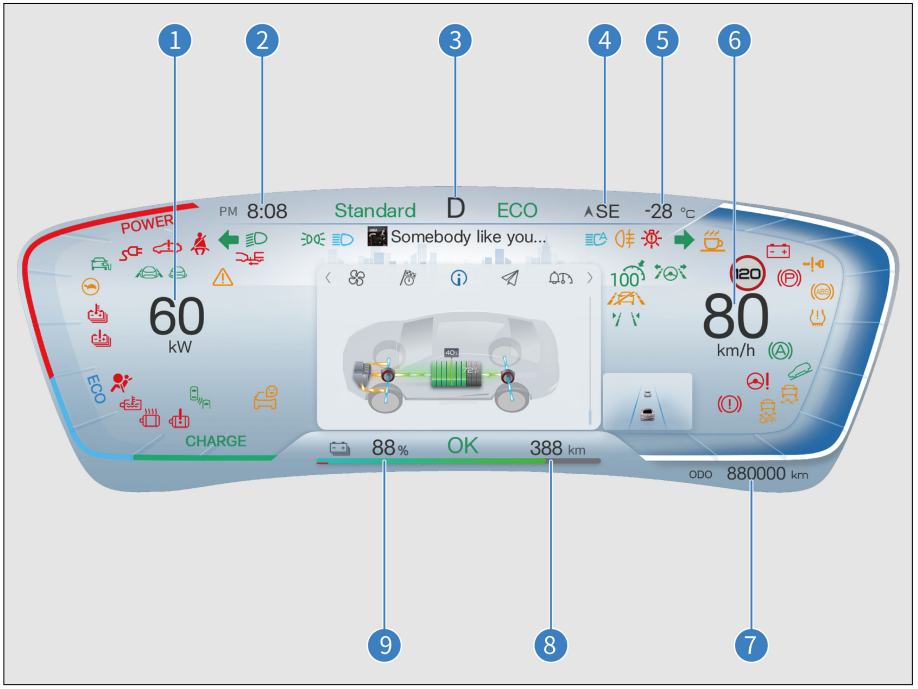
- In some cases, this may mean that we can retain the data even if you withdraw your consent.
- For more information on data processing, data protection, and any rights you may have, please visit the latest version of the Privacy Policy available at the infotainment system (**Vehicle Settings** → **System Settings** → **More** → **Privacy Policy**).

02 INSTRUMENT CLUSTER

Instrument Cluster.....38

Instrument Cluster

Instrument Cluster View



1 Power
2 Time
3 Gear status
4 Orientation
5 Ambient temperature
6 Speedometer
7 Odometer
8 Range
9 SOC

Instrument Cluster Indicators

	Turn signal indicator		Position light indicator
	Discharge indicator		ICC indicator*
	Hill descend control indicator*	NORMAL	NORMAL indicator
	AVH indicator	OK	OK indicator
ECO	ECO indicator		Cruise control main indicator*
SPORT	SPORT indicator		Adaptive Cruise Control (ACC indicator) *
SET	Cruise control indicator*		BSD indicator*
	HMA indicator*		High beam indicator
	ACC fault indicator*		Snow mode indicator
	Rear fog light indicator		Headlight fault warning light *
	ESC warning light		ESC OFF warning light
	TPMS（Tire Pressure Monitoring System) warning light		Smart key warning light

	Main alarm indicator		Driving power limit indicator
	ABS fault warning light		High-voltage battery low SOC warning light
	AEB fault warning light*		Motor fault warning light
	Driver monitoring system fault indicator		AEB indicator*
	Seat belt reminder		EPB indicator
	Charging connection indicator		SRS fault warning light
	Brake system fault warning light		Powertrain fault warning light
	High-voltage battery fault warning light		High-voltage battery overheating warning light
	Motor overheating warning light		Low-voltage power system warning light
	Steering system fault warning light		Motor coolant overheating indicator
	TSR indicator*		

Description of instrument cluster fault/ prompt indicator

Smart key warning light

- Press the START/STOP button. If the key is not inside the vehicle, the warning light lights up for several seconds, the speaker sounds once, and the display screen displays "No key is detected. Please confirm whether it is inside the vehicle”.
- If the START/STOP button is pressed with the key inside the vehicle, this warning light does 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.

ABS fault warning light

- This warning light comes on when the ignition is on. If the ABS (anti-lock braking system) works properly, the light goes off in a few seconds. If the system fails, it lights up again until the fault is eliminated.
- When the ABS fault warning light is on (with the parking system fault warning light off), the braking system continues to operate whereas the ABS does not.
- When the ABS fault warning light is on (with the parking system fault warning light off), since the anti-lock braking system does not operate, the wheels will be locked in case of emergency braking or braking on a slippery road.
- If any of the following cases occurs, it means there is a fault in components monitored by the warning light system. In that case, contact a BYD authorized dealer or service provider for vehicle inspection as soon as possible.
- This warning light does not come on or is steady on when the ignition is on.
- This warning light turns on during driving.

REMINDER

- Momentary illumination of this warning light during operation does not indicate a problem.
- If the parking system fault warning light and ABS fault warning light go on at the same time, immediately park the vehicle in a safe place and contact a BYD authorized dealer or service provider. Because if the brake operation is performed at this time, not only the ABS does not work, but the vehicle also becomes extremely unstable.

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

Tire pressure fault warning light

- This warning light comes on when the ignition is on. It turns off in a few seconds if the tire pressure monitoring system is working properly. If the system fails, this warning light turns on again.
- When the tire pressure fault warning light 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 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 this indicator stays on, along with one or more figures shown on the tire pressure display interface of the dashboard display screen turning yellow, it indicates low pressure in one or more tires.

In any of the above cases, contact a BYD authorized dealer or service provider for inspection as soon as possible.



ESC warning light

- With the vehicle powered ON, this warning light is on. IfESC system works properly, this warning light turns off after a few seconds. If the system fails, this warning light turns on again until the system fault is eliminated.
- If the ESC warning light flashes temporarily while the vehicle is in motion, it indicates the ESC system is working.
- When the ESC fault warning light goes on (the ABS fault warning light and the parking system fault warning light go out), the ESC system fails, but the ABS and the braking system still work normally.
- When the ESC fault warning light goes on (the ABS fault warning light and the parking system fault warning light go out), the vehicle is extremely unstable during emergency turning and emergency avoidance from obstacles ahead due to the failure of the ESC system.
- If any of the following cases occurs, it means there is a fault in components monitored by the warning light system. In that case, contact a BYD authorized dealer or service provider for vehicle inspection as soon as possible:
  - When the ignition is switched on, this warning light remains off or is solid on after the ignition is switched on.
  - This warning light stays on during driving.
  - If the ESC fault warning light flashes while the vehicle is traveling, it indicates that the ESC is working.

REMINDER

- Momentary illumination of this warning light during operation does not indicate a problem.
- If the ESC warning light is still on while the ABS fault warning light and braking system warning light are on, immediately park the vehicle in a safe place and contact a BYD authorized dealer or service provider. Because the vehicle becomes extremely unstable when braking and the ABS does not work.



ESC OFF warning light

When the "ESC OFF" button is pressed, the light should illuminate and stay on and the ESC system would not work. When the "ESC OFF" switch is pressed again, it shall go out, and the ESC system functions normally.

REMINDER

- While the ESC OFF warning light is on, the driver must stay alert and keep driving at a lower

REMINDER

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.



Main alarm indicator

If this indicator is on, it indicates that there is a fault prompt or warning information in the information display area.



Headlight fault warning light

When the warning light is yellow, it indicates that the headlight is faulty. In this case, drive the vehicle to a BYD authorized dealer or service provider for inspection.



Driving power limit warning light

When the level of the high-voltage battery is low and the motor power is limited, this warning light will light up.



Parking system fault warning light

- This warning light will illuminate when the brake fluid level is low or the braking system becomes faulty.
- In any of the following cases, park the vehicle in a safe place immediately and contact a BYD authorized dealer or service provider.
  - This warning light illuminates when the brake fluid level is low with the power ON.

REMINDER

- When the brake fluid level is low, do not drive the vehicle continuously because it is very dangerous.

- When the motor is running, this warning light stays on if the brake fluid level is normal and the EPB system works normally (the EPB switch is pulled up and released normally, and there is no prompt of "Please check the EPB system").
- The parking system fault warning light and ABS fault warning light go on at the same time.

REMINDER

- Momentary illumination of this warning light during operation does not indicate a problem.



Seat belt reminder

With the power ON, if any seat belt is not fastened, the seat belt indicator lights up. Unless the seat belt is fastened, the indicator stays on.



Low-voltage power system fault warning light

- This indicator is used to warn charging system fault during charging.
- This indicator is used to warn discharging system fault during discharging.
- This indicator is used to warn the working status of DC module and battery module at times other than charging and discharging.
- If this indicator is on during driving, it indicates faulty DC system or battery

system. In this case, turn off the A/C and fan, and drive the vehicle to the nearest BYD authorized dealer or service provider for maintenance.



SRS fault warning light

- With the ignition switched on, this warning light turns on and then goes off in a few seconds if the airbag system is working properly. This warning light is used to monitor the SRS ECU, collision sensor, inflator, warning light, wiring and power supply.
- If any of the following conditions occurs, it indicates a fault in a component monitored by the warning light system. In this case, contact a BYD authorized dealer or service provider for inspection as soon as possible:
  - When the ignition is switched on, this warning light remains off or is solid on after the ignition is switched on.
  - This warning light turns on during driving.



Motor coolant overheating indicator

If this warning light keeps lighting up, it indicates motor coolant over temperature. In this case, stop the vehicle in order to cool down.



Steering system fault warning light

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

REMINDER

- A motor is used in the steering system to reduce the force required to turn the steering wheel.
- When turning the steering wheel, you may hear the motor humming when it is working. This does not indicate a failure.
- The duration of turning the steering wheel to the limit position does not exceed 5s. Otherwise, the temperature protection is activated, resulting in heavy steering or damage.

- When the steering wheel is turned frequently in situ for a long time, the steering system fault warning light does not go on, but it feels hard to turn. This phenomenon is a non-failure mode.
  - If the steering wheel is turned frequently in place for a long time, the steering system boosting effect will decrease to prevent over temperature of the system, resulting in heavy steering when operating the steering wheel. In this case, avoid frequently turning the steering wheel or stopping the vehicle; the system will return to normal in 10 min.

WARNING

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



Powertrain fault warning light

- If the powertrain is faulty, this warning light goes on.
- If any of the following conditions occurs, it indicates a fault in a component monitored by the warning light system. In this case, contact a BYD authorized dealer or service provider for inspection as soon as possible:
  - This warning light is steady on when the ignition is switched on.
  - This warning light turns on during driving.

CAUTION

- Momentary illumination of this warning light during operation does not indicate a problem.
- If the warning light is on, try not to drive the vehicle, but contact a BYD authorized dealer or service provider for troubleshooting as soon as possible.



High-voltage battery overheating warning light

- If this indicator is on, it indicates that the high-voltage battery is too hot. Should this occur, stop the vehicle immediately to let it cool down. If the indicator flashes, stop the vehicle immediately and leave it as soon as possible.
- The high-voltage battery may be overheated under the following operating conditions. For example:
  - Long-distance climbing in hot weather.
  - Long stop-and-go traffic state, frequent rapid acceleration and braking, or continuous running without rest.



High-voltage battery fault warning light

- This warning light comes on when the ignition has just been switched on. If the power battery system works properly, it goes out after a few seconds. If the system is faulty, it goes on 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 there is a fault in components monitored by the warning light system. In that case, contact a BYD authorized dealer or service provider for vehicle inspection as soon as possible.
  - With the vehicle powered on, this warning light stays on.
  - This indicator stays on or lights up from time to time during driving.



Motor overheating warning light

If this indicator is on, it indicates that the motor is too hot. Should this occur, stop the vehicle immediately to let it cool down.

03 CONTROLLER OPERATION

Doors and Keys.....48
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Doors and Keys

Keys

The vehicle is equipped with an electronic smart key, mechanical key and NFC key that allow you to unlock/lock vehicle doors, start the vehicle and perform other functions.

Electronic Smart Key

Electronic Smart Key: Lock/Unlock all doors by pressing the front left/right door microswitch while carrying the electronic smart key. This key features various functions, including smart start-up, remote trunk lid control, smart access, start-up in no-power mode, remote vehicle locating, and low SOC reminder.



Model: D0-92/D1-92

Operating power supply: button cell battery

Battery Model: CR2032

Nominal voltage: 3V

Operating voltage: 2.9V~3.3V

Normal operating current: 8mA (nominal current)

Low-frequency resonance frequency: 125KHZ

Key operating frequency: 434MHz

FCC ID:2A5DH-DAEA-92

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

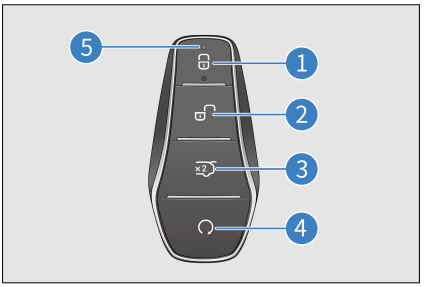
① Lock button

② Unlock button

③ Trunk lid open button

④ START/STOP button

⑤ Indicator



CAUTION

- The electronic smart key is an electronic component. The following instructions should be observed to prevent damage to the electronic smart key.
  - Do not place the smart key in a position exposed to high

CAUTION

temperature, such as on the dashboard.

- Do not tamper with the smart key.
- Do not hit other objects with the smart key or drop it.
- Do not inmmerse the key in water or clean it in the ultrasonic scrubber.
- Do not place smart keys with devices that emit electromagnetic waves, such as the mobile phone.
- Do not attach any objects (such as a metal seal) which cut off electromagnetic wave signals when using the card.
- You can register a spare key for the same vehicle. In this case, contact a BYD authorized dealer or service provider immediately.

- If the electronic smart key cannot operate the door within the normal distance, or the key indicator light is dim or off:
  - Check for nearby radio stations or airport radio transmitters that interfere with the normal operation of electronic smart keys.
  - The battery of an electronic smart key may be exhausted. Check the battery inside the electronic smart key. It is recommended to contact a BYD authorized dealer or service provider for inspection as soon as possible.
- If you lose your smart key, it is recommended to contact a BYD authorized dealer or service

CAUTION

provider as soon as possible to reduce the risk of vehicle theft or accidents.

- Do not change the transmission frequency arbitrarily, increase the transmission power (including additional transmission frequency amplifier), do not arbitrarily connect the external detection antenna or switch other transmitting detection antennas.
- Do not cause harmful interference to legitimate radio communication services when used; once there is interference, stop using it immediately and take measures to eliminate the interference before continuing to use it.
- The use of micropower radio equipment must be free from interference of all radio services or from radiation of equipments for industrial, scientific and medical applications.
- Do not use it near aircraft or airports.
- People implanted with pacemakers or defibrillators should stay away from the detection antennas of intelligent entry and start systems, as electromagnetic waves can affect the normal use of such devices.
- In addition to people implanted with pacemakers or defibrillators, those who use other electronic medical devices should also consult the manufacturer on the use of such devices under the influence of electromagnetic waves. Electromagnetic waves may bring

CAUTION

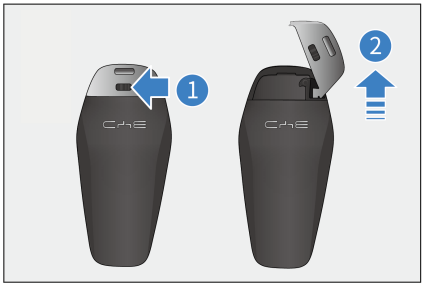
unknown consequences to the use of such medical devices.

- Some smartphones do not support NFC key function.

Mechanical Key

Mechanical key (in the smart key) - Unlock/Lock the driver's door. Insert the mechanical key back into the smart key when it is not in use.

- Slide the unlock clasp in the direction of arrow ①, then pull the key cap in the direction of arrow ②, and take out the mechanical key, as shown in the figure.
- To return the mechanical key to its original position, insert it in the opposite direction of arrow ② and close the key cap.



NFC Digital Key

NFC Digital Key

NFC is a digital key system provided by BYD. It allows you to register your phone or wearable device as your vehicle key, and unlock, lock and start your vehicle safely and easily.

The following conditions are required to use the NFC digital key. Please ensure that all conditions are met before using it:

- The vehicle has enabled the BYD Cloud service *;
- The vehicle is configured and supports NFC digital key function;
- Relevant mobile phone or wearable device supports BYD NFC digital key function (please consult your BYD distributor and provider for specific supported device models).

Enabling NFC Digital Key

It can be enabled in any of the following methods, including: BYD APP, email link, and vehicle settings. Before activating it, please enter the vehicle with the physical key, start the vehicle and keep it in "P" gear.

1. BYD APP: Please go to the mobile APP store to download BYD APP, complete registration and login. Click "NFC/ Digital key" and follow the prompts.
2. Vehicle setting: Please enter vehicle setting on the multimedia touchscreen, and click "Digital Key" module to activate. The path to Digital Key: → Vehicle Settings → Windows and Locks→Digital Key.

Enabling the NFC digital key with wearable device

Wearable devices support Apple Watch (for other wearable devices, please consult the distributor and provider), it can be enabled in any of the following ways:

1. Sync the iPhone to the Apple Watch after successful activation: Activate the iPhone digital key after wearing the unlocked watch. After the iPhone is successfully activated, the prompts can be synchronized to nearby Apple Watch to add the digital key, and complete the activation steps accordingly.
2. Watch APP activation: It applies to the case that the iPhone digital key is

not synchronized to the Apple Watch when it is activated. Please open the Watch APP, select "Wallet", find the corresponding key, and click "Add" to complete activation steps accordingly.

The Usage of NFC digital key

When using, please turn on the NFC function of the device and use it according to the following prompts:

- Carrying a mobile phone/wearable device with an NFC digital key enabled, unlock/lock the vehicle by placing its NFC antenna area close to the NFC sign on the side mirror of the driver’ s side (for NFC antenna area, please consult your device provider);
- After entering the vehicle, place the mobile phone or wearable device at the NFC sign in the vehicle to obtain vehicle start permission.

CAUTION

- Start the vehicle as soon as possible after you have obtained the start permission using the NFC digital key. If the car is not started in time, put the mobile phone or wearable device in the NFC sign again to obtain the start permission.

The Removal of NFC Digital Key

The digital key can be deleted in any of the following methods:

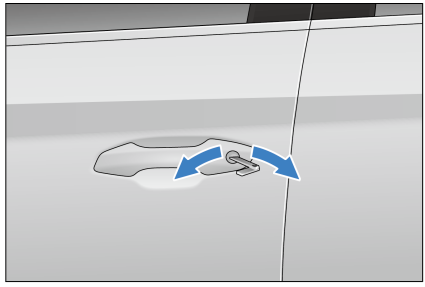
1. Delete in BYD APP: Open BYD APP to enter the digital key management page, click the digital key to be deleted, and enter the operation password to complete the deletion;
2. Delete on the multimedia touchscreen: Please bring the physical key into the car, open the multimedia touchscreen, enter the Vehicle Settings→Windows and Locks →Digital Key management page, click the digital key to be deleted, and complete the deletion according to the prompts;
3. Delete in the wallet: Open the system wallet, find the digital key card that needs to be deleted, and complete the deletion according to the system prompts.

Locking/Unlocking Doors

Locking/Unlocking with Mechanical Key

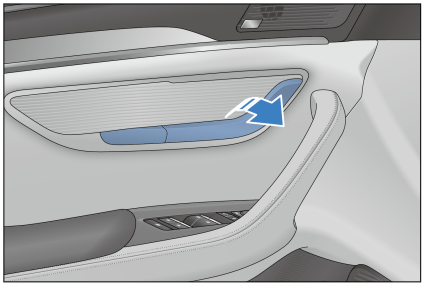
Insert the key and turn it.

- Unlocking: turn the key clockwise.
- Locking: turn the key counterclockwise.



Opening with Interior Door Handle

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



CAUTION

- Low temperatures may make it more difficult to close the doors. Keep pushing the door with your hand until the door is closed.
- Under extremely low temperature conditions, you can turn on the air conditioner for a period of time and then close the door according to the above operation method.

Vehicle Locking/Unlocking/ Locating with Smart Key

- The wireless remote control function is used to unlock or lock all doors at a short range and realize additional functions.
- When carrying the registered smart key into the activation area, press the button on the key to lock or unlock all doors.

Locking:

- When the vehicle is powered OFF with all doors and the hood closed, press the lock button to lock all doors. Side mirrors automatically fold (when the AUTO switch for these mirrors is turned on) and turn signals flash once. Ensure that all doors are locked securely.



- If any door is not closed, side mirrors do not fold, turn signals do not flash, and the alarm sounds once.

Unlocking:

- Press the unlock button to unlock all doors. Turn signals flash twice.
- After all doors are unlocked with the smart key, even if no door is opened, the interior light turns on and goes out 15s later. (This function can be disabled from the touchscreen)
- When the anti-theft system is activated, open any door within 30s after unlocking with the smart key. Otherwise, all doors lock automatically.
- Pressing and holding the lock or unlock button does not repeat locking or unlocking. Release the button and press it again.

Vehicle locating

- When the vehicle is in the anti-theft state, if the lock button is pressed, the vehicle makes a long sound, and the turn signals flash 15 times. When the vehicle cannot be found, this function can be used to locate it.
- When the vehicle is in the vehicle locating state, press the lock button again to activate the vehicle locating function again.

Raising/Lowering Windows with Smart Key

- When the vehicle is powered off, press and hold the lock button on the smart key to automatically close all four windows (this feature can be configured from the touchscreen and is enabled by default).
- Press and hold the unlock button on the smart key to automatically open four windows (this feature can be set from the touchscreen and is disabled by default).

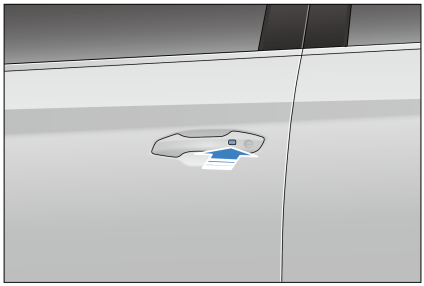
WARNING

- Before activating the remote window closing, check that all occupants are not at risk of being caught or pinched by the sunroof or vehicle windows.

Locking/Unlocking with Microswitch

Locking

When the vehicle is powered off and doors are closed but not locked, press any front door microswitch to lock all doors. The turn signals flash once.



Unlocking

- In the anti-theft state, when carrying the intelligent key into the activation area, press the microswitch on the front door handle to unlock all doors simultaneously. Turn signals flash twice.
- In the anti-theft state, please open the doors within 30s after using the unlocking function. Otherwise, all doors are locked automatically again.
- Pressing the microswitch does not unlock/lock doors in the following cases:
  - Press the microswitch while opening or closing the door.
  - The key is in the vehicle.

REMINDER

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

Raising/Lowering Windows byMicroswitch

With the vehicle powered off, press and hold the microswitch to automatically raise or lower four windows (window raising is enabled by default, while lowering is disabled by default).

Locking/Unlocking the Trunk

Opening/Closing trunk with smart key

Double-click the trunk lid open button on the smart key to open the trunk lid. Turn signals flash twice.

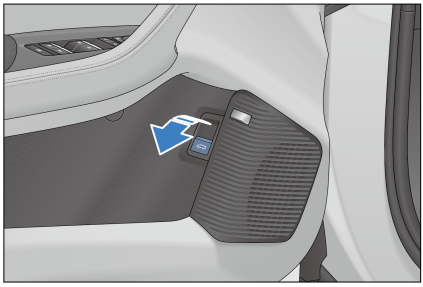


CAUTION

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

Opening/Closing the trunk from inside the vehicle

- When the boot lid is closed, if the switch is pulled once, the boot lid is unlocked and run to the set height (maximum height by default).
- When the vehicle is powered on and the boot lid is opened, pull up this switch to close the boot lid, and release it to stop this lid at the current position.

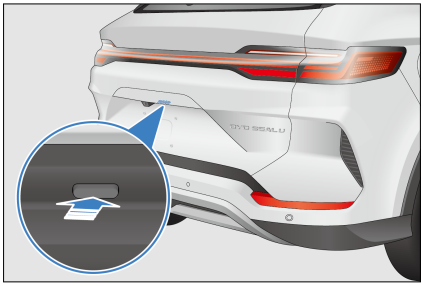


REMINDER

- While the trunk lid is opening, press the interior trunk lid button to stop its motion.

Opening the trunk with exterior switch

Press the exterior trunk lid switch while carrying the smart key or when the vehicle is unlocked to open the trunk lid.

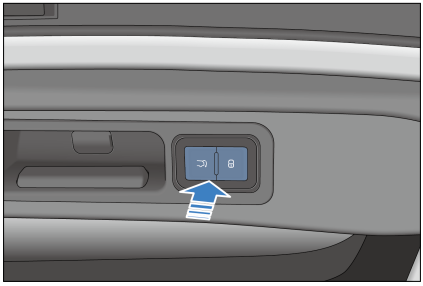


REMINDER

- If the switch is pressed again while the lid is in motion, it will stop at its current position. If the button is then pressed again, this lid moves in the opposite direction.

Power trunk lid close button

- When the trunk lid is open and stationary, press the trunk close button to close this lid.



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

Vehicle lock button

- When the vehicle is powered off, carry the smart key and press the lock button to close the trunk lid, lock

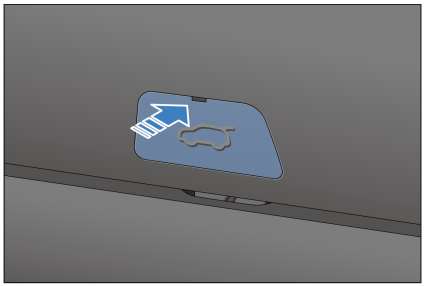
the vehicle and activate the anti-theft system.

REMINDER

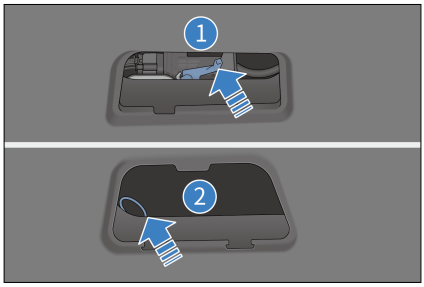
- Before closing the trunk electronically, make sure doors, windows and sunroof are properly closed.

Interior emergency unlocking of trunk lid

1. Remove the access cover of the trunk lid lock from the lid trim panel.



2. Pull the pull lock 1*/lever 2* to unlock the trunk lid.



REMINDER

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

Setting trunk opening height

Open the trunk lid manually or automatically to the desired position, keep it at that position, and then press and hold the interior trunk lid button for over 3 seconds. The speaker sounds for 1 second, indicating that the opening height has been successfully set to the current position.

Anti-pinch Function

- The power trunk lid can automatically open when obstructed by external force during closing.
- It stops moving when obstructed by external force during opening.

When the Trunk Fails to Act Automatically

Manually and completely close the trunk for recovery.

When reconnecting the low-voltage battery

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

WARNING

In order to prevent serious injury, make sure to observe the following precautions:

- Never try to deliberately activate the anti-pinch function.
- Make sure to alert people nearby of the lid motion.
- Make sure hands and fingers are clear from the trunk lid area when it is closing.
- When opening or closing the trunk, make sure the surrounding area is safe.
- Make sure the trunk is properly closed when the vehicle is in motion.

WARNING

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

Locking/Unlocking with Central Locking

Locking/Unlocking the vehicle withcentral doorlockswitch

Refer to "Driver 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 unlock automatically.

Locking/unlocking all doors concurrently

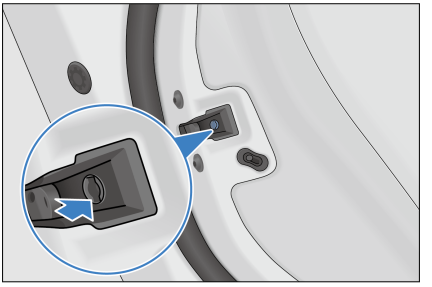
- When the vehicle is not in the anti-theft mode, the backlight of the central door lock button turns on after the vehicle is locked, and turns offt if the vehicle is unlocked.
- Press the lock button of the central door lock to lock all doors simultaneously. At this time, the door cannot be opened from the outside.To open the door, pull the inner handle once to unlock the door, and then pull it again to open the door.

REMINDER

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

Emergency Vehicle Locking with Mechanical Key

- When the central locking fails, lock the driver's 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 doors, use the mechanical key to unlock the driver's door first.

Then enter the vehicle, unlock other doors by interior door handles, and pull exterior handles once to open these doors.

REMINDER

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

Driving password

- When the user has vehicle anti-theft requirements, put the vehicle in "P" gear, enter PAD setting→ door, window and lock interface through the central control screen, click the driving password setting item to open the driving password function according to the guidance.
- After the function is enabled, when the user brakes or engages the gear, the central control screen will pop up a window to input the password interface. The user can remove the gear disable by inputting the correct password. After the password input times reach the upper limit, the vehicle enters the anti-theft state. The anti-theft state can be removed and the normal use of the vehicle can be restored according to the prompt of the central control screen.
- When you forget your password, please click Forgot Password in the password input interface and change the password according to the prompt.
- Close the driving password. The user clicks the driving password setting item and enters the correct password to close the driving password.

CAUTION

- When operating the driving password setting, please put the vehicle in "P" gear in advance;
- The driving password is only used to unlock the remote control key or the remote control key is used to cooperate with the micro switch, and the operation of unlocking the mobile phone is not restricted;
- After the driving password is turned on, the central control screen fails when the vehicle is powered on. If the black screen cannot be input, resulting in the failure of driving, please contact the corresponding BYD authorized service center for handling.

Smart Access and Start System

Use the smart key to unlock or lock the vehicle doors.

Entry Function

Use the smart key to unlock or lock the vehicle doors(for details, please refer to " Use the smart key to unlock/lock/ locate the vehicle"and " lock/unlock with microswitch ").

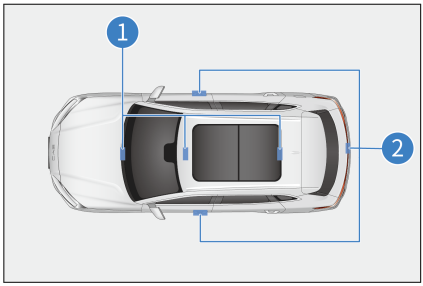
Start-up

Place the smart key or NFC (smartphone) key in the front phone slot inside the vehicle, and then press the brake pedal and the START/STOP button to start the vehicle. (For details, refer to "Starting the Vehicle" in the chapter of "USING AND DRIVING".)

Antenna positions

① Interior detection antenna

② Exterior detection antenna



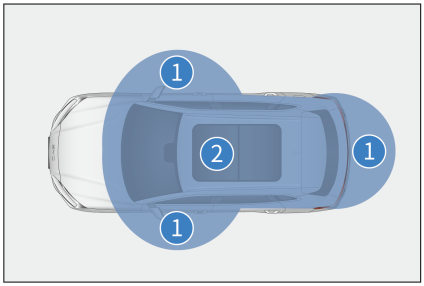
Activation Area

The PEPS function takes effect only when the registered intelligent key is in the activation area.

① Entry function activation area - within about 1 m from the front door handle and the exterior trunk lid switch.

② Start function activation area - in the compartment.

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



REMINDER

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

REMINDER

- 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 battery runs out.
- The smart key is close to highvoltage equipment or equipment that produces noise.
- The smart key is being carried along with another smart key or radio-wave-emitting device.
- Even in the activation area, the smart key may not work normally in some positions (e.g., on the dashboard, in the glove box, or on the floor).

- If the PEPS system does not work normally, and you cannot enter the vehicle, the mechanical key concealed in the intelligent key can be used to unlock and lock the driver's door, or the wireless remote control function can be used to unlock and lock all doors.
- Possible causes for the failure of the normal start function when the "START/STOP" button is pressed:

- If the smart key does not work, the smart key warning light on the instrument cluster goes on, and the information display screen on the instrument cluster displays a prompt about the low SOC of the key battery, the battery SOC of the key may have run out.
- Start the drive motor repeatedly in a short time. Wait for 10s before starting the vehicle.

- If the PEPS system cannot work normally due to system fault, take all smart keys to a BYD authorized dealer or service provider for maintenance.

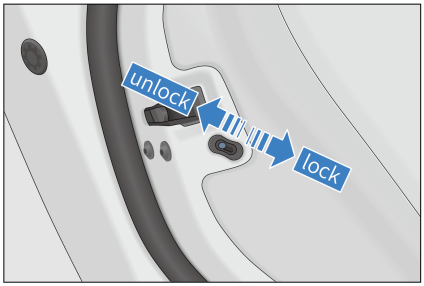
Saving Battery SOC

- Communication between the key and the vehicle occurs even when the vehicle is parked. Therefore, do not leave the key in the vehicle or within 2 m from the vehicle.
- If the smart key receives strong electromagnetic waves for a long time, the battery runs out rapidly. The smart key must be kept at least 1 m away from the following equipment:
  - TV set
  - Personal computer
  - Mobile phone charger
  - Light stand
  - Fluorescent light

Child Protection Lock

Child protection locks are designed to prevent children in rear seats from accidentally opening rear doors. Such locks are provided on the sides of the left and right rear doors.

The door cannot be opened from inside the vehicle while the latch is locked. To open this door, use the exterior handle.



CAUTION

- 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 an accident, and also prevents a door from being opened accidentally.

Seats

Seat Information

- Adjust the driver's seat so that the pedal, steering wheel and dashboard controller are easy to control for the driver.
- During driving, the most effective protective measure is to keep the seat backrest upright, always lean on the backrest and adjust the seat belt to a proper position.
- Do not fold in the rear seats during driving.
- Secure the baggage properly to prevent it from sliding or moving. Luggage in the vehicle should not be higher than seatbacks.

WARNING

- Do not sit on the upper part of the folded seat backrest or on the goods. Otherwise, people may be seriously injured due to improper sitting on the seat or improper fastening of the seat belt in case of emergency braking or collision.
- Do not place objects under the seat to avoid affecting the seat locking mechanism or accidentally pushing the seat position adjustment lever upward, resulting in sudden movement of the seat and loss of control of the vehicle by the driver.
- When adjusting the seat, do not put your hands under the seat or near the operating parts to avoid injuries.
- After adjusting the seat backrest, lean back to confirm that it is locked. If not fully locked, personal injury may be caused in case of an accident or sudden braking.
- Do not lay down the seat backrest when the vehicle is moving. As the upper shoulder strap of the

WARNING

seat belt cannot be properly attached to the body, in case of an accident, the driver and passengers may hit the shoulder strap, causing serious injuries to the neck or other parts, or slide out of the lap portion, causing serious injuries.

- During driving, no one is allowed to sit in the boot area or on the folded seat. Using these areas without proper protective measures may cause serious injuries in case of an accident or sudden braking.
- Never adjust the seat while driving, to avoid losing control of the vehicle.
- Do not drive the vehicle until the passengers are properly seated.
- Before laying the rear seats down, check the positions of the rear headrests and the front seats, to avoid interference among the rear seats, the front seats and central passage.

REMINDER

- When folding in the rear seats, be careful not to damage the seat belt, and check whether the buckle is correctly placed in the buckle slot on the seat cushion.
- Do not fasten the seat belt before adjusting the seat.
- When adjusting the seat, be careful not to let the seat hit passengers or baggage.
- During the measurement of seat cushion depth, the front and rear positions of the seat are the rearmost positions of the slide rail, and the design angle of the backrest is 25°.
- During the measurement of seat cushion width, adjust the backrest angle to the designed state (the backrest angle of the second row seats is 28°), and adjust the seat slide rail* to the rearmost position. For the separable and combinable seats in the same row, measure the cushion width as a whole row of seats.

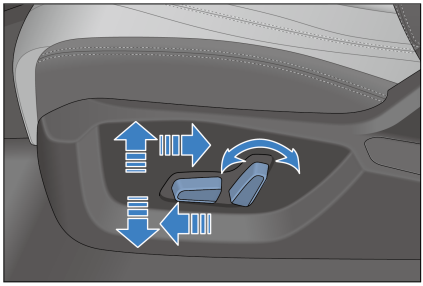
Adjusting Front Seats

Electrical Front Seat Adjustment

Electrical front seat adjustment includes the adjustment of front and rear distance, seat cushion height, seat cushion angle and backrest angle. There are the following adjustment methods according to the functions equipped with the actual vehicle.

Seat Position Adjustment Switch

- Move this switch forward or backward to slide the seat forward or backward.
- Pull up or push down the front end of this switch to adjust the seat cushion angle.
- Pull up or push down the back end of this switch to adjust seat cushion height.



Seatback angle adjustment switch

Move the seatback angle adjustment switch back or forth to adjust the seatback angle.

REMINDER

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

Memory System

Memory switch position

To use the seat memory feature, go to Vehicle Settings → Seat → Seat Adjustment on the touchscreen.



Memory setting function

- Memory setting conditions
  - The vehicle is powered on with no vehicle speed.
  - The driver's seat and side mirrors have been adjusted to the desired positions.
  - No operation is made on the driver's seat, and side mirrors.
- Memory setting method
  - Press and hold Position 1 or 2 to save the current position.

REMINDER

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

Memory wake-up function

Regular memory wake-up

- With the vehicle in P, if the following conditions are met, press Position 1 or 2 , and the driver's seat memory system performs memory wake-up.
  - The vehicle is not in anti-theft mode.
  - No speed.
  - Seat settings have been initialized.

Automatic Function

- Normal function
  - Automatic backward: For easy exiting, this feature also works when the vehicle power switches from "START" to "STOP" and the driver's door opens.
  - Automatic forward: When the vehicle power switches from "STOP" to "START" and the driver's door is closed, the seat will automatically move forward to the position before the last power-off if no horizontal position adjustment is performed after the auto-back feature is triggered upon the last power-off.
- User setting

- The automatic forward/backward moving function can be canceled or restored from the touchscreen.

Seat Memory Awakening Interruption

The current memory awakening can be interrupted by the following methods:

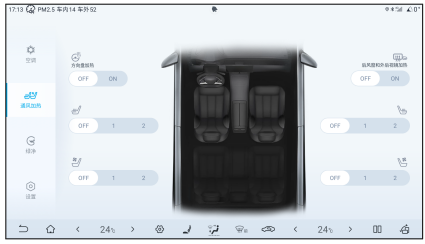
- During the wake-up of seat memory, by pressing any seat adjustment switch for the driver seat.
- During the wake-up of seat memory, by pressing either of the "Position 1", "Position 2" memory switches on the PAD.

WARNING

- Before awakening the seat memory, please make sure that there are no obstacles around the seat.
- During seat memory awakening, please make sure that no part of human body is within the seat's moving range
- Prevent children from operating any memory switch to avoid pinching during seat movement.
- The seat welcoming can be interrupted by closing the front left door when the seat automatically moves backward, or by opening the front left door when the seat automatically moves forward.

Heating and Ventilation System*

- Go to the shortcut menu by swiping down the status bar from the top of the touchscreen, to turn on or off seat heating and ventilation systems.
- Use voice command to turn on or off seat heating and ventilation systems.;
- For adjustment, go to "Vehicle Settings" → "Seats" → "Front Seat Vent/Heating" from the touchscreen;



Seat heating

- The seat heating feature has three modes: "OFF", "Level I" and "Level II". Each mode corresponds to a different level of fan speed.

Seat ventilation

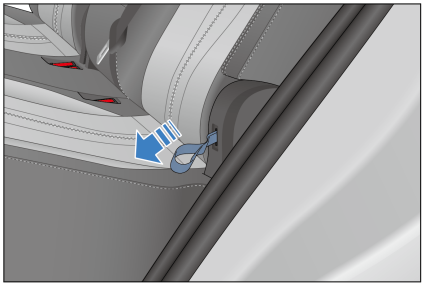
- The seat ventilation feature has three modes: "OFF", "Level I" and "Level II". Each mode corresponds to a different level of fan speed. The corresponding seat module provides indication by varying color depth.

Ventilation and heating functions cannot be turned on simultaneously

- Press the ventilation switch to start the ventilation fan. If the heating switch is pressed, the ventilation fan stops working, and the heater starts working.
- Press the heating switch to start the heater. If the ventilation switch is pressed, the heater stops working, and the ventilation fan starts working.

Folding Rear Seats

To fold in the rear seat backrest, pull up the folding webbing on the rear seats.



REMINDER

- Please fold or unfold the rear seats at a moderate speed. Avoid quickly lowering or pulling up seatbacks to prevent damages to or malfunction of rear seats and the seat belts.
- When unfolding a rear seat, do not push the seatback hard; otherwise, the seatback will be pre-stressed and impossible to unlock.
- When unfolding a seatback, check that the buckle position is proper to expose the reserved opening on the seat.
- Do not turn over the seat when the seat belt latch is inserted into the buckle.

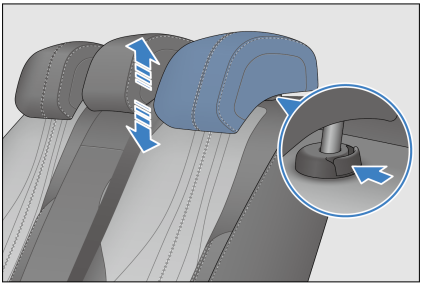
Rear Seat Head Supports

1. Lifting headrests

Pull up the headrest to the desired position in the direction of the headrest rod, and release it after hearing a "click".

2. Lowering

Press and hold the headrest height adjustment button to lower the headrest to a proper position, and then release this button.



3. Removing a head support

Press and hold the headrest height adjustment button to pull out the headrest, and then release this button.

4. Installation

Insert the headrest links into the bushing with the groove facing forward. Press and hold the headrest height adjustment button to lower the headrest to a proper position, and then release this button.

REMINDER

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

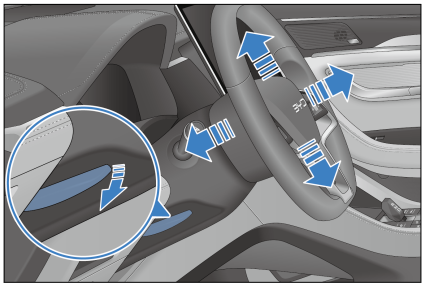
Steering Wheel

Adjusting the Steering Wheel

Adjusting the Steering Wheel Manually

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

- Press the steering wheel adjustment handle downward to tilt the steering wheel to a desired angle, and then restore the handle to the locking position.



WARNING

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

Power-Assisted Steering Mode Settings

- The power steering strength can be adjusted to individual preferences.
- Select "Comfort"/"Sports" mode via "Vehicle Settings" - "Intelligent Chassis" - "Power-Assisted Steering Mode" from the touchscreen.

REMINDER

- Setting the power steering to sport mode is suggested if the steering wheel feels light when the vehicle is running at a high speed.

Steering Wheel Heating

The steering wheel heating function (optional) can be activated in three ways:

1. Go to the infotainment touchscreen → → **Vehicle Settings** → **A/C** to access the A/C operation interface. Tap the ventilation and heating settings, then the button below the heated steering wheel icon: **ON** indicates that the feature has been turned on, and **OFF** indicates that the feature has been turned off.
2. Go to the drop-down shortcut menu and tap the steering wheel heating icon. The function is activated when the icon lights up, and deactivated when it turns gray.
3. Voice control: Activate voice control to turn the heated steering wheel on or off.

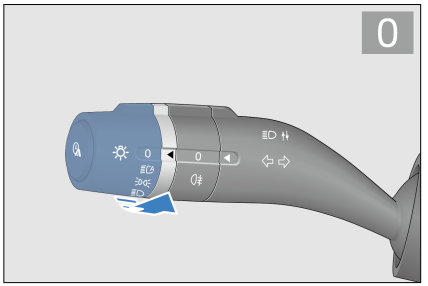
CAUTION

- The steering wheel heating function automatically shuts off after running for 30 minutes each time it is activated.

Switches

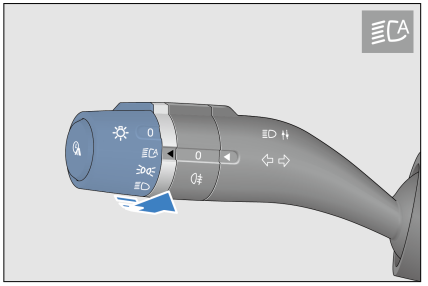
Light Switches

Rotate the knob at the end of the light switch to 0 to turn off all lights (except for daytime running lights).



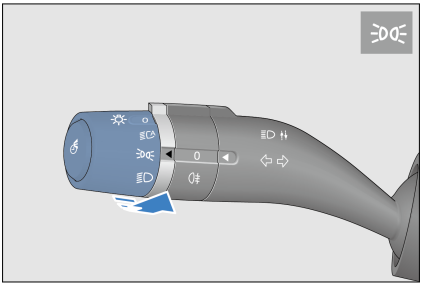
Auto Lights

Turn this knob to " ". BCM collects the brightness value acquired by the light intensity sensor and automatically turns on/off position lights and low beams.



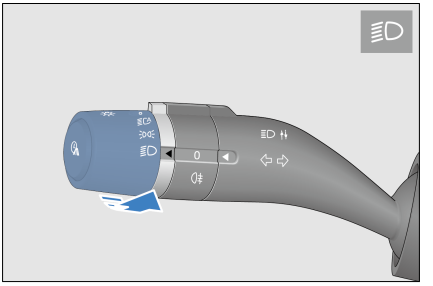
Clearance Light

Turn this knob to " " to turn on position lights.



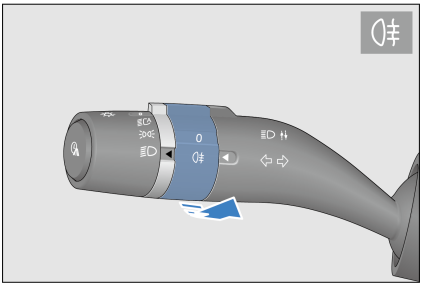
Low Beam

Rotate this knob to to turn on the low beams.



Rear Fog Light

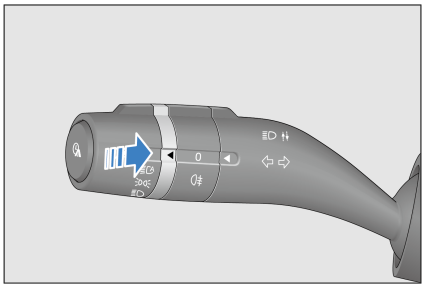
Rotate this knob to and rotate the fog light knob to to turn on the rear fog lights.



Overtaking Light

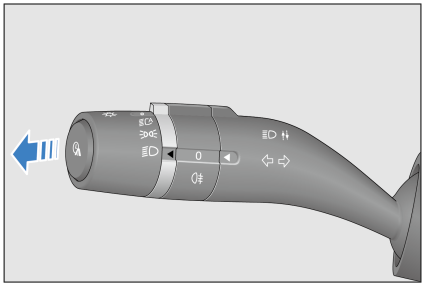
Pull up the light switch handle (toward the steering wheel) to turn on the overtaking light. Release the handle for

the light switch to automatically reset. The overtaking light turns off.



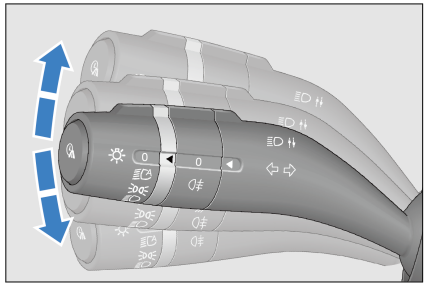
High Beam

Turn this knob to " ", and push the light switch lever downward (away from the steering wheel) to turn on/off high beams.



Turn Signal

- Push up the light handle to signal right turn.The right turn signal and its indicator on the instrument cluster flash.
- Push down the light switch lever, and then the left turn signals and the turn signal indicator on the instrument cluster start flashing simultaneously.



- After turn signals are turned on, they flash continuously even if the light switch is released. Turn signals go out automatically after the vehicle finishes turning the corner. Because of different driving habits for drivers, the light switch needs to be rotated for a round to reset in some extreme cases.

Auto off

- Conditions for enabling the auto off function: This function is enabled when the light switch is rotated to the or , and the power supply is switched from "Start" to "Stop".
- With the auto off function activated, if the driver's door is closed, this function automatically turns off headlights and position lights after 10 s.
- With the auto off function activated, if the driver's door is opened, this function automatically turns off headlights and position lights after 10 min.
- After auto off, if the light mode changes, lights will be turned on according to the new state. If the conditions for enabling the auto off function are met after that, the auto off function will be activated again.
- Disabling the auto off function: After the vehicle is powered on, the auto off function is disabled, and the light knob can be operated normally.

- The auto off function turns off the lights. If the anti-theft state is activated and then deactivated, the lights turned off before are automatically turned on again. If the driver's door is not opened, this function turns off the lights again after 10 s. If the door is opened, the auto off function turns off the lights after 10 min.

"Follow me home" Function

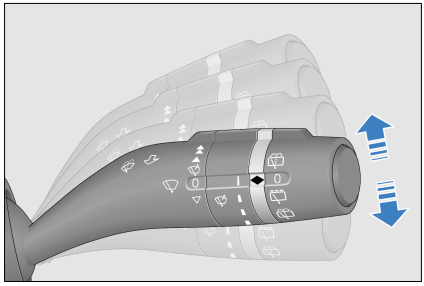
- Follow me home:
  - The lighting delay is 10 seconds by default and can be set on the infotainment touchscreen. With the light switch set to , , or , when you power off the vehicle, lock four doors, and is leaving the vehicle, the corresponding lights keep on for 10 seconds (or the set time period).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

CAUTION

- The duration of lightening can be changed by infotainment interface.

Wiper Switch

- This lever is used to control the windshield wipers and washers. This lever can be moved to five levels:
  - : High-speed wiper mode
  - : Low-speed wiper mode
  - : Automatic wiper/Intermittent mode
  - 0 : Stop
  - : MIST level



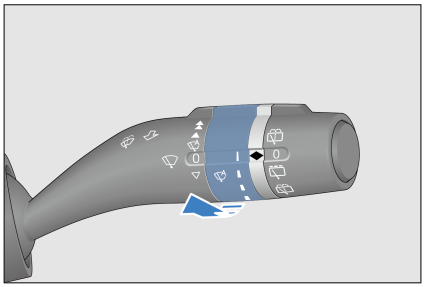
- To select the level, move the lever upward or downward.
- At low- and high- speed modes, the wiper operates continuously.
- To let wipers work in the spot-wiping mode " " , pull the lever from the " 0 " position. In this mode, the front windshield wipers operate at a low speed until the lever is released.

Automatic wiper/Intermittent mode

- 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 activate the automatic wiper function, turn the switch to the automatic wiper mode, and enable the function with the "Automatic Wiper" button via → Vehicle Settings → Greeting from the infotainment touchscreen.
- To activate the wiper intermittent mode, turn the switch to the automatic wiper mode, and disable the automatic wiper function with the "Automatic Wiper" button via →

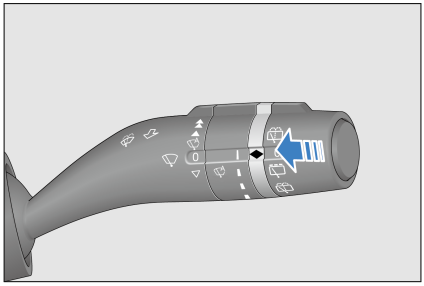
Vehicle Settings → Greeting from the touchscreen.

- The automatic wiper function has four sensitivity levels. The higher the level, 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.



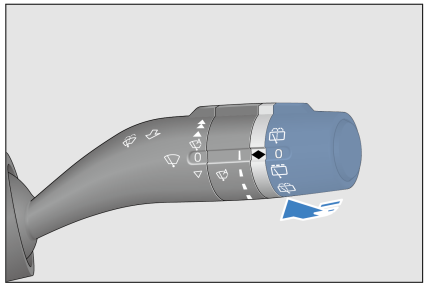
Front Windshield Washer

- To clean the front windshield, please pull the wiper lever backward (towards the steering wheel). In this case, the washer sprays water all the time, and the wiper works simultaneously.
- The front windshield wiper wipes once after the current wiping if the wiper lever is held for less than 1 s, and twice if more than 1 s.

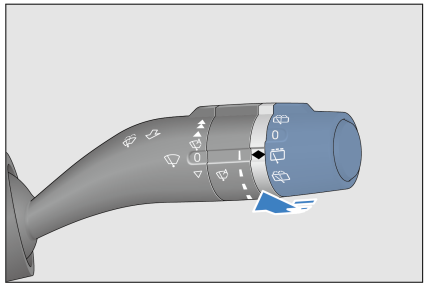


Rear Windshield Wiper and Washer

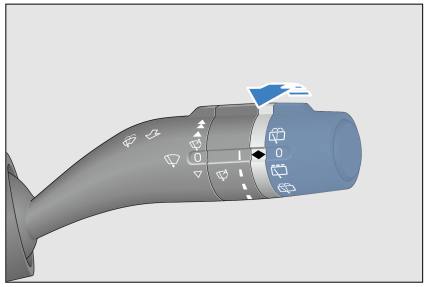
- Rotate the knob at the end of the wiper lever to to activate the rear windshield wiper, and to 0 to deactivate it.



- Rotate this knob to to simultaneously activate the rear windshield wiper and washer.



- Rotate this knob to and release to make the rear windshield wiper wipe twice after spraying washer fluid.



REMINDER

- Check and clean the wiper blades at regular intervals.
- Do not start the wipers while rain is starting, as the windshield cannot be cleaned and rainwater mixed with sand and dust may instantly blur your view, affecting driving safety.
- Use cleaning agent for glass. The use of water, or another type of detergent, may damage the washer motor.
- If the trunk is open or not fully closed, the wiper switch will fail to control the rear wiper until the lid is closed.

Driver's Door Switch Group

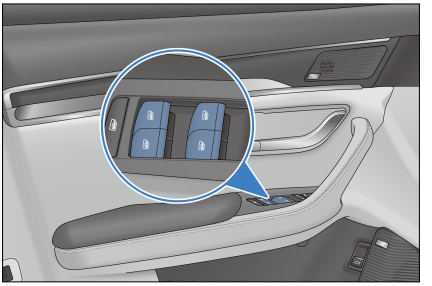
- The switch on each door can be used to operate the window.
- The vehicle power is ON, or the power-off delay limit is not exceeded if the vehicle power is OFF.

Power Window Switch

- The front left door is equipped with four switches to correspondingly control the four windows.
  - Down - press the switch
  - Up - pull the switch

Automatic Operation

- Rolling down: press the button to the second position and release it to automatically roll down the window.



- Rolling-up: pull up the button to the second position and release it to automatically roll up the window.
- To stop the window at its current position, slightly operate the switch once in the direction opposite to the rolling direction.

Manual Rolling

- Rolling down: press the button to the first position and hold it to continuously roll down the window.
- Rolling-up: pull up the button to the first position and hold it to continuously roll up the window.

Anti-pinch Function

When the window is obstructed by a person or an object while rolling up, it stops and rolls down to allow for the obstruction to be removed.

Initialization of anti-pinch function

- With the vehicle powered OFF, if the constant power of lead-acid battery is disconnected during the window motion, the automatic window lifting function and anti-pinch function fail, and the indicator flashes. The initialization shall be performed as follows:
  - Pull up and hold the window switch so that the window glass reaches the top position and stalls there for 0.5 seconds.

- In models equipped with the one-press closing function, if the window is almost closed and the upper window edge undergoes certain resistance, the window moves back down to prevent pinching.

CAUTION

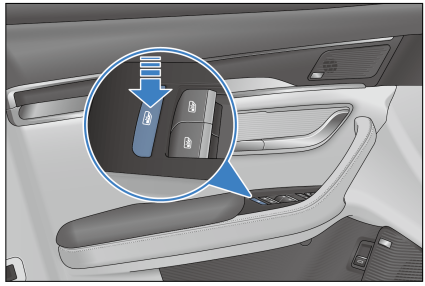
- Remember to bring the key whenever you leave the vehicle with passengers.
- Excessively frequent activation of the anti-pinch function can activate the regulator motor's overheat protection.
- Do not intentionally activate the anti-pinch function by jamming any part of your body into the window.
- The anti-pinch function may not work if an object is jammed into the window when it is almost completely closed.
- Contacting a BYD authorized dealer or service provider for maintenance is recommended if the windows' automatic closing function or anti-pinch function is not working normally.

WARNING

- Before closing windows or power windows, check that all occupants are not at risk of being caught or pinched by windows to avoid serious injuries.
- All doors come with power window switches. To avoid serious injuries, please remind passengers, especially children, to check that they are not at risk of being caught or pinched by power windows before opening/closing.

Window Lock Button

- When the window lock button is pressed, the red indicator of window lock goes on. Only the switch on the driver's side can control the window regulation of four doors, while the rear window switch cannot control the window regulation.
- When this button is pressed again, the red indicator of window lock goes out, and the rear window switch returns to normal operation.



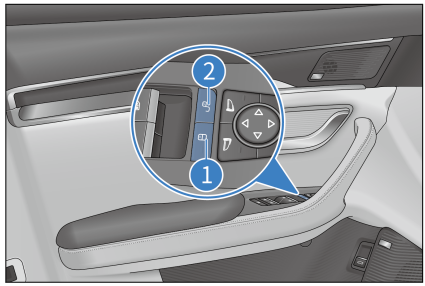
Central Locking

The front left door is equipped with buttons, for locking and unlocking all doors.

① Locking

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

② Unlocking



Press the central unlock button to unlock all doors. Once doors are unlocked, the button indicator goes off.

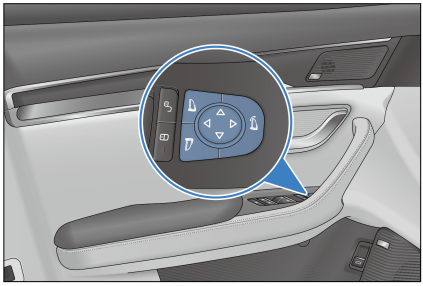
External Rearview Mirror Adjustment Button

Selection button

- Left external rearview mirror adjustment button
- Right external rearview mirror adjustment button

Adjustment button

Press this button to adjust the external rearview mirrors to a proper position.



Electric side mirror folding button

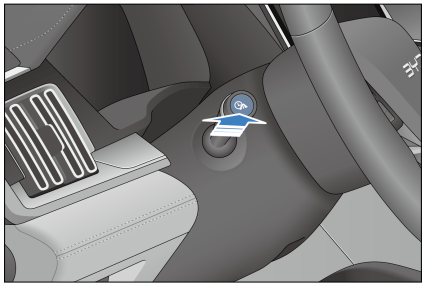
Press this button to fold in the left and right external rearview mirrors simultaneously, and press it again to unfold them.

REMINDER

- If the rearview mirror is frozen, do not operate the controller or scrape the surface of the rearview mirror. It is recommended to use deicing agent.

Odometer Toggle Switch

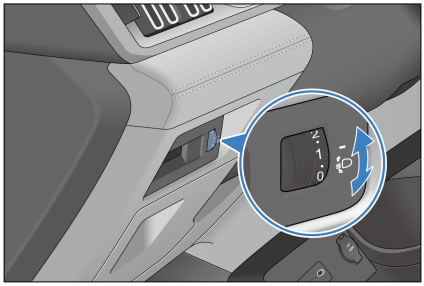
- Press the odometer switch to switch between "Total Mileage" - "Mileage 1" - "Mileage 2" - "Total Mileage". The switching status is displayed accordingly on the instrument cluster.
- Press and hold TRIP A and TRIP B to reset the mileage to zero.



Headlight adjustment switch

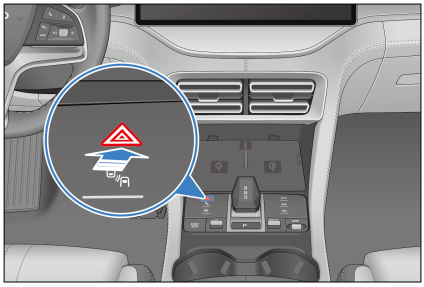
Headlight adjustment switch

- Press this switch to adjust the vertical beam angle of headlights. After the low beam is turned on, this switch works.
- If the headlight adjustment switch is in "0" position, the beam height of headlights is the highest; if this switch is in "5" position, the height is the lowest. According to the driver's needs, when the switch is adjusted to a certain position from 0 to 5, the beam height of headlights changes accordingly.



Hazard Warning Light Switch

After ⚠ is pressed, all turn signals start to flash, and the turn signal indicator on the instrument cluster flashes synchronously. Press ⚠ again to stop flashing.



Mode Switch Group

- Toggle up the lever to increase regenerative braking force. Pull the lever down to trigger standard regenerative braking.
- Move the lever up or down, and the instrument shows that the vehicle mode switches between NORMAL Mode, Economic Mode, Sport Mode and Snow Mode.
- Snow Mode:
  - This mode is recommended on fairly strong surfaces covered in slippery materials such as grass, snow, ice, or gravel.
  - The traction, driving and handling characteristics under wet and slippery conditions are optimized in this mode. Whether to press the accelerator pedal needs to be considered carefully.



CAUTION

- If the motor performance is degraded under soft snow conditions due to the activation of dynamic stability control, it may be useful to turn off the ESC system. When the difficulty is overcome, the ESC system must be restarted.

Steering Wheel Switch Group



Left Buttons

Cruise switch*

- Turning on or off the cruise control system.

+/RES

- Pull up the lever and press this button to increase at a certain speed; Press and hold it to continuously increase the speed.
- Activate the cruise control system and resume to the previously set speed.

-/SET

- Pull down the lever and press this button to decrease at a certain speed; Press and hold it to continuously decrease the speed.
- Set the current speed to the target cruise speed.

Distance -

- Adjust the following distance to the vehicle ahead in the ACC following function and decrease one level.

Distance +

- Adjust the distance from the vehicle ahead in the ACC following function and increase one level.

Intelligent Cruise Control (ICC) Button

- Turning on or off the ICC. (ACC must be activated first.)

REMINDER

- See detailed information about ICC in Cruise control* and Adaptive cruise control* in Chapter 4.

PAD Screen mode 

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

Panoramic view 

- When the panoramic view button is pressed, the infotainment system enters the panoramic mode.
  - Press this button to turn off the panoramic view in panoramic mode and turn on the panoramic view in non-panoramic mode.

Right buttons

Roller 

Infotainment

- Roll up the roller: increase the volume in a single step until the maximum volume (12 gears in a circle).
- Roll down the roller: decrease the volume in a single step until the minimum volume (12 gears in a circle).
- Press the roller downward: mute function.
  - The multimedia is in mute status now. The mute status can only be released by press the roller or the mute switch on PAD, and adjusting the volume cannot release the mute status.

Instrument cluster

- Roll up the roller:
  - Select the secondary/tertiary menu items upward in the instrument cluster menu mode.
- Roll down the roller:
  - Select the secondary/tertiary menu items downward in the instrument cluster menu mode.

Left/Right buttons 

Infotainment

- In radio mode:
  - Press ◁ to play the previous radio station.
  - Press ▷ to play the next radio station.
- In USB/Bluetooth music/third-party music APP and other modes:
  - Press ◁ to play the previous track (track number -1).
  - Press ◁ to select the previous entry in the Bluetooth Call History and Contacts interfaces.
  - Press ▷ to play the next track (track number +1).
  - Press ▷ to select the next entry in the Bluetooth Call History and Contacts interfaces.

Instrument cluster

- In instrument cluster menu mode:
  - Press ◁ to switch it to a left menu and its submenus.
  - Press ▷ to switch it to a right menu and its submenus.
- Set the charging reservation time:

- Press the ◁ / ▷ button to choose hour or minute.

Phone button 

- Press to make/receive a call. (The multimedia system is muted after pressing this button.)
- When the system is in a Bluetooth unrelated interface and Bluetooth is not paired, press this button for the system to skip to the Bluetooth Connected interface. If Bluetooth is connected, press this button for the system to skip to the main dialing interface.
- When a number is input in the dialing interface, or an entry from the Call History or Contacts is selected, press this button to start dialing.
- While under the main dialing interface with Bluetooth connected and no number input, press this button for the system to directly skip to the Outgoing Calls interface under the Call History interface. Press it again for the system to automatically call the first entry in the Outgoing Calls interface.

Voice recognition 

- Press this button to switch the infotainment touchscreen to the voice recognition interface and realize the voice function.

Instrument cluster menu/return button 

- When the instrument cluster is not in menu mode, press this buttonto display the menu on the instrument cluster.
- When the instrument cluster is in menu mode, press this button to return to the upper-level screen, or to exit the menu if there is no upper-level screen.
- On the Bluetooth call screen, press it to end the call.

MODE button

- Mode selection: press the mode button to switch between media applications, peripheral applications and pre-installed third-party audio and video applications.

Horn 

Press the pad to sound the horn.

CAUTION

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

REMINDER

- Observe the traffic laws and use the horn properly.

Sunroof Switch

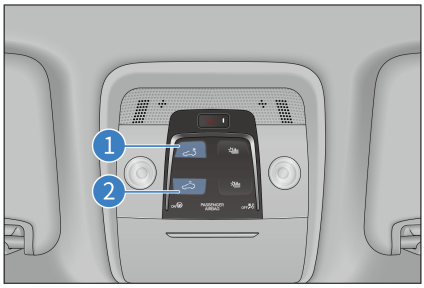
The sunroof can only be operated when the vehicle is powered OK or the poweroff delay does not expire.

Panoramic Sunroof

Opening the Sunroof

- Press and hold the sunroof open button ① to open the sunroof manually. Release the button midway to stop the sunroof at its current position.
- Press the sunroof open button ① and release immediately to tilt the sunroof for ventilation. Press it again to automatically open the sunroof to the two-thirds position. Press it again to fully open the sunroof. Press button

① or button ② midway to stop the sunroof at its current position.

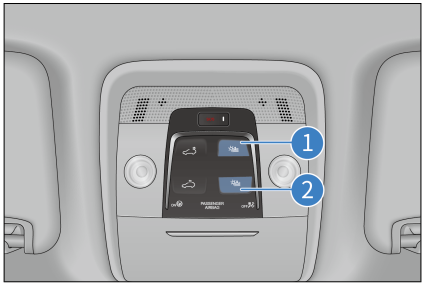


Closing the Sunroof

- Press and hold the sunroof close button ② to manually close the sunroof. Release the button to stop the sunroof at its current position.
- If the system is initialized, press the sunroof close button ② and release it immediately to automatically close the sunroof. Press button ① or button ② midway to stop the sunroof at its current position.

Opening the Sunshade

- Press and hold the sunshade open button ① to manually open the sunshade. Release the button to stop the sunshade at its current position.
- Press the sunshade open button ① and release it immediately to automatically open the sunshade. Press button ① or button ② midway to stop the sunshade at its current position.



Closing the Sunshade

- Press and hold the sunshade close button ② to manually close the sunroof. Release the button to stop the sunshade at its current position.
- If the sunshade is initialized, press the sunshade close button ② and release it immediately to automatically close the sunshade. Press button ① or button ② midway to stop the sunshade at its current position.

CAUTION

- When opening or closing the sunroof sunshade, avoid forceful contact with its curtain, to prevent damage.

Sunshade linkage function

The sunshade is opened together with the open sunroof due to the linkage.

Anti-pinch Function

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

WARNING

- To avoid serious injuries, please remind passengers, especially children, to check that they are not at risk of being caught or pinched by the sunroof before opening/closing it.
- To avoid serious or even life-threatening injuries, make sure no one extends any body part out of the sunroof when the vehicle is running.

CAUTION

- Trying to open the sunroof in outside temperatures below 0°C

CAUTION

or when it is covered in snow or frost may damage the sunroof or its motor.

Initialization

With the vehicle powered on, when the signal remains valid, and the sunroof is not initialized, try the following operations to initialize the settings:

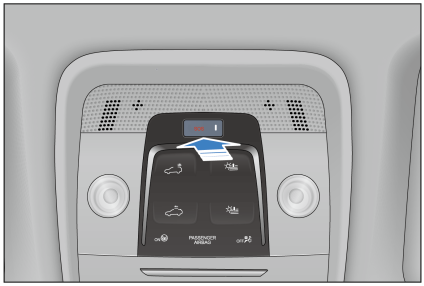
1. Press and hold the sunroof closing switch to make the sunroof move to the fully closed position and stall for 400ms, and then the sunroof initialization is completed.
2. Press and hold the sunroof opening button to fully open the sunroof;
3. Press and hold the sunroof closing button to fully close the sunroof;
4. Press and hold the sunshade closing button to make the sunshade move to the fully closed position;
5. Press and hold the sunshade opening button to fully open the sunshade;
6. Press and hold the sunshade closing button to fully close the sunshade.

CAUTION

- During the whole initialization process, press and hold the sunroof/sunshade opening or closing button until the sunroof/ sunshade is fully opened or closed.
- Initialize the sunroof and sunshade separately.

E-Call Switch

E-Call refers to emergency call. Press down on the SOS button (duration: 1s⩽t⩽10s), and E-Call is triggered if this button is not pressed again within 5 seconds after the initial press.



- If users press the SOS button by mistake, they can press the SOS button again within 5 seconds to cancel the call.
- If an airbag deploys or a severe collision is detected, E-Call is triggered automatically.
- Upon triggering, the E-Call system automatically makes an emergency call and reports the minimum set of data (MSD) to a public safety answering point (PSAP).

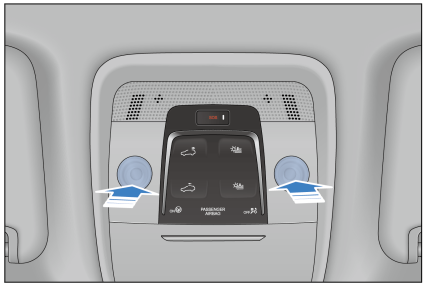
CAUTION

- If the SOS button is pressed and held for over 20 seconds, SOS is deemed to have permanently short-circuited (i.e. the button is stuck). Under this circumstance, E-Call cannot be triggered manually.
- E-Call cannot be canceled manually after being triggered. It remains active until PSAP hangs up. If PSAP cannot establish contact with the user after 10 consecutive attempts, the system enters a waiting period of 60 minutes for a callback.
- During the POST of E-Call system, the indicator flashes quickly at 2 Hz; when the E-Call system works normally without any fault, the indicator stays ON; during a voice call triggered by the E-Call system, the indicator flashes at 1 Hz; when the voice call ends, the indicator stays ON; when the GPS signal is weak, the indicator flashes slowly at 0.5 Hz, and stays ON when the GPS signal returns to normal; when the E-Call system detects a serious fault, the indicator remains OFF.

Interior Light Switch

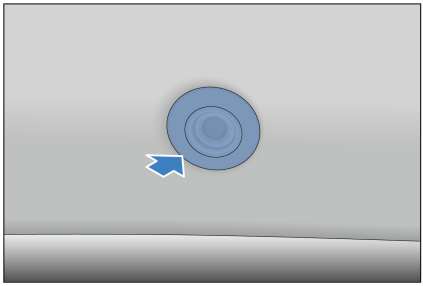
Front Interior Lights

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.



REMINDER

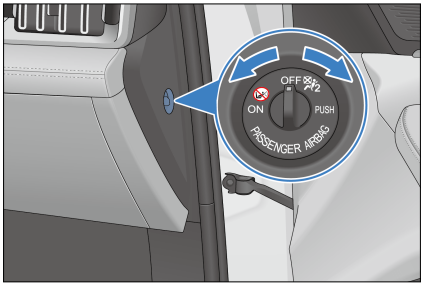
- When the vehicle is powered on any gear and the "DOOR" switch is turned on, the interior light switches from high to low light if this switch is pressed with the door open.
- When the vehicle is powered off and the "DOOR" switch is turned on, the light goes out after a period of time if the door is opened.

Ambient light*

The brightness, color and application area of ambient lights can be adjusted from the touchscreen.

Passenger Airbag (PAB) Switch

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



- The front passenger airbag indicator is located on the ceiling.
- Check that the switch is in the required position.
- Enable or disable the front passenger airbag according to the use of the front passenger seat:
  - When the switch is ON, the front passenger airbag is activated. The front passenger airbag indicator "PASSENGER AIRBAG" is solid on, "ON" and come on, and "OFF" and are off. The front passenger airbag deploys in the event of a moderate to severe collision that meets the necessary deployment conditions.
  - When the switch is OFF, the front passenger airbag is deactivated. The passenger airbag indicator "PASSENGER AIRBAG" is solid on, "ON" and are off, and "OFF" and come on. The front passenger airbag do not deploys in the event of a moderate to severe collision thatmeets the necessary deployment conditions.

WARNING

- Never use a rear-facing child restraint on the front passenger

WARNING

seat with an activated passenger airbag. Failure to do so can result in serious personal injury or death.

- When the front passenger seat is occupied with an adult, the passenger airbag switch must be turned to "ON" to always keep the front passenger airbag active.
- If the front passenger airbag remains active when the passenger airbag switch is off, immediately contact a BYD authorized dealer or service provider.

CAUTION

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

04 USING AND DRIVING

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Charging/ Discharging

Charging Instructions

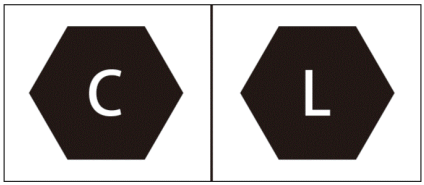
Charging Safety Warnings

- The charging equipment is a high-voltage electrical device. Minors are prohibited to charge or touch it. Keep minors away from the vehicle when charging.
- Charging may affect medical or implanted electronic devices. Consult the device manufacturer before charging.
- Charge the vehicle in a relatively safe environment, and avoid charging in damp areas, or areas with fire or heat sources.
  - When charging in rain, please protect the charging device from water ingress.
- Before charging:
  - Ensure that power supply equipment, charging connector, charge port, and charging connection device are free of defects, such as cable wear, rusted ports, cracked casings, or foreign objects in the ports.
  - Do not charge the vehicle when the charging connector's or port's plug, socket, or metal terminals are loose or damaged by rust or corrosion.
  - When there is obvious staining or moisture on the charger/charging port and the power plug/outlet, please wipe it with a dry, clean cloth to ensure that the joint is dry and clean.
- To avoid serious personal injury, observe the following precautions when the vehicle is being charged:
  - Do not touch the charge port.
  - Do not charge or touch the vehicle in thunderstorm weather, as a lightning strike may cause damage to the charging equipment and personal injuries.
- Use only certified charging equipment specifically designed for electric vehicles and consistent with applicable national standards:
  - Do not modify, disassemble, or repair the charging equipment and ports to avoid charging failure and fire.
  - Uncertified products are strictly prohibited.
- Ensure that 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 charging precautions to prevent damage to the vehicle:
  - Do not shake the charging connector, otherwise the vehicle charge port may be damaged.
  - Do not charge the vehicle in thunderstorm weather, as a lightning strike may cause damage to the vehicle.
- 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, check that the charging equipment is disconnected

from the charge port and the charge port door is closed.

Compatiblity of Vehicle and Charging Infrastructure

- 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 high-voltage battery is about to be exhausted. Please charge it immediately, otherwise the service life of the high-voltage battery will be reduced.
- Household portable AC charging refers to charging with an AC charging adapter (referred to as 3-7 connector) equipped on the vehicle. It is recommended to use 220V - 240 V AC dedicated AC lines and power sockets to avoid line damage and any trips due to high-power charging, which can negatively affect other equipment.
- Precautions for avoiding damage to charging equipment:
  - Do not hit the charging equipment, and prevent mechanical damage due to falling or collision.
  - Do not place the charging equipment near heaters or other heat sources.
- Before charging:
  - Make sure that the charging connector and charge port are free of foreign objects, and that the protective cap of the charging connector terminal does not get loose or deformed.
  - Hold the charging connector with one hand, align the connector with the charge port and push it in, making sure that they are properly connected.
- When charging is complete:
  - Stop charging first and make sure the charge port is unlocked.
  - Hold the charging connector with one hand and remove the connector.
  - Do not force the charging connector out while the charge port is locked, otherwise the charge port may be damaged.
- AC or DC charging is available in any power mode. To ensure safety, it is recommended to power off the vehicle before charging.
- Precautions:
  - 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.
  - The vehicle should be parked in a ventilated area, and there should not be any occupant inside when charging.
  - During charging, the estimated remaining time to full charge is displayed on the instrument cluster. The remaining time for a full charge may vary depending on such different conditions as temperature, SOC, and charging facilities.

- It is normal for the instrument cluster to display "Calculating" before charging ends.

- The vehicle system automatically stops charging when the high-voltage battery is fully charged.
- When DC charging is finished, turn off the charging pile and then disconnect the charging connector. When household portable AC charging is finished, disconnect the vehicle charging connector and then disconnect the power plug at the power supply end.
- When charging is complete and the charging connector is unplugged, make sure that the charge port's cap and door are closed, otherwise water or foreign materials may enter the port and affect its normal use.
- Before starting the vehicle, make sure that the charging equipment has been disconnected. If the charging equipment locking mechanism is not fully engaged, the vehicle may be able to run in gear, resulting in damage to both the charging equipment and the vehicle.
- If the vehicle will not be used for a long time, charging the high-voltage battery every 3 months is recommended to prolong its service life.
- If the charge port door is frozen due to weather or other reasons, do not force it open.
- Excessive and insufficient temperature may stop the vehicle from charging.
  - In the event of low-temperature charging, the temperature control system can improve the battery charging efficiency and the overall charging performance.
  - In the event of low-temperature DC charging under a high SOC, the charging current is low due to the low-temperature characteristics of the battery. Therefore, at a low temperature, it is recommended to charge the vehicle under a low SOC to improve the charging speed.
  - In the event of low-temperature AC charging, the temperature control system starts to improve the charging capacity. This results in greater energy consumption and longer charging time compared to DC charging, which better fits to battery characteristics.
  - In a low-temperature environment, it is recommended to charge the vehicle immediately after use. Doing this can ensure the battery temperature remains relatively high, improving the charging performance.
  - A/C turned on during low temperature charging can affect the performance of battery temperature control system and charging performance.
  - 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.
  - In hot regions, it is recommended to charge the vehicle in a cool and ventilated place.
- 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, when the battery cooling or heating is activated, it is normal that the charging power displayed by the instrument cluster decreases or fluctuates 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.

Charging Method

The pure electric vehicle is driven by electric energy supplied from the high-voltage battery. To prevent insufficient power of the high-voltage battery affecting the vehicle driving experience, it is very important to charge the vehicle in time and estimate the power demand before driving.

Vehicle Charging Method:

1. Household Portable AC Charging
2. Using AC Charging Piles
3. Charging with AC Charging Piles

CAUTION

- The charging time of a high-voltage battery varies with the charging mode, current SOC, real-time temperature, service time, ambient temperature, and other factors.

Charging Mode

1. Reservation charging (charge the vehicle at the time set by the user): Go to "Reservation Charging" via "New Energy" - "Charging Settings" from the touchscreen to select charging start time and end time.
2. Instant charging (charging starts immediately after connection to the charge port or after doing other relevant operations).

Smart Charging

Smart charging features cover reservation driving and reservation charging.

- To set the charging mode:
  - Tap the smart charging app icon on the infotainment touchscreen homepage;
  -  Go to → New Energy → Charging Settings; or
  -  Tap / to exit the smart charging screen.

Reservation charging

The vehicle defaults to the instant charging mode when leaving the factory. The user can switch it to reservation charging and set the desired start time.

- Tap the ON button for reservation charging, set the start time, end time and repeat cycle, and tap "OK" to save settings.
- Upon successful setting of reservation charging, if the charging connector is connected or the vehicle is powered off by the START/STOP button during waiting time for charging, the infotainment touchscreen gives a prompt that the current mode is reservation charging. The user can switch to the instant charging mode as needed.
- To disable the charging connector connection reminder and/or power off reminder, go to "Reservation Charging Reminder" after tapping the reservation charging setting icon.

Reservation driving

Enable the reservation driving feature to set the travel time in advance. When the preset time is reached, the interior temperature and battery temperature can reach the optimal state for travel.

- Tap the ON button for reservation driving. Set the desired time for driving and repeat cycle (once/every day/custom), and customize time slots with discounted electricity rates. Tap "OK" to save settings.

CAUTION

- Reservation driving and reservation charging features are unavailable when the battery SOC is too low.
- When the reservation driving is enabled, the battery preheating can activate intelligently in a cold environment, even without the charging connector connected. However, this leads to consumption of some battery power.
- The pop-up prompt of "Switch to instant charging" only applies to the current reservation charging. To cancel all reservations, please tap the OFF button for reservation charging on the touchscreen.
- Only AC charging is allowed for reservation charging.
- Reservation charging does not support DC charging.
- The reservation charging feature is available only when the battery SOC is relatively high.
- The hood should be kept closed for using this feature.

Battery Preheating

To enable or disable the battery preheating feature, access [Battery Preheating] screen from Settings of the BYD APP. This feature is used to heat the high-voltage battery.

-  [Battery Preheating] screen displays the heating icon, battery temperature, heating

status and estimated duration.

- The following conditions shall be met at the same time to activate battery preheating:
  1. The current battery temperature is low;
  2. The vehicle is not in the start-up state;
  3. The current remaining SOC is sufficient;
  4. The vehicle is not undergoing DC charging;
  5. No abnormal conditions exist.

CAUTION

- Do not open the hood when enabling this feature.
- Activating this function results in consumption of some battery power. For a comfortable driving experience, please ensure that the vehicle's SOC is sufficient.

General Charging Fault Diagnosis

Fault state	Possible causes	Solutions
Charger is connected, charge starts, but battery will not charge.	High-voltage battery fully charged	Charging is stopped automatically when the high-voltage battery is fully charged.
	Temperature of high-voltage battery below -30°C or above 60°C	Keep the vehicle in an environment with appropriate temperature and charge it when the temperature becomes normal.
	Excessive discharge of the 12V battery	Replace the low-voltage battery.
	Charging equipment failure	Confirm that the power indicator for charging equipment is normal or there are no other prompts about abnormalities. Otherwise, replace the charging equipment or contact the charging equipment supplier.
	Vehicle displays the fail.	If the powertrain fault warning light on the instrument cluster is on or a charging system fault prompt is displayed, stop charging immediately and contact a BYD authorized dealer or service provider.
Charging interrupted	AC grid outage	Long term power outage without recovery, charging can be ended; after a short period of power outage, if the vehicle has not entered the charging process, it can be restarted according to the charging process prompted by the charging station or the charging equipment can be reinserted to restart charging.

Fault state	Possible causes	Solutions
	Charging cable is not connected properly	Verify that the charging connection cable is not loosely connected.
	High-voltage 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 equipment failure	Check if there is any equipment or vehicle failure prompt, and contact a BYD authorized dealer or service provider if necessary.
	Accidental triggering of key, microswitch or window control switch	AC Charging: In this case, charging is suspended for 30 seconds, and then resumes.

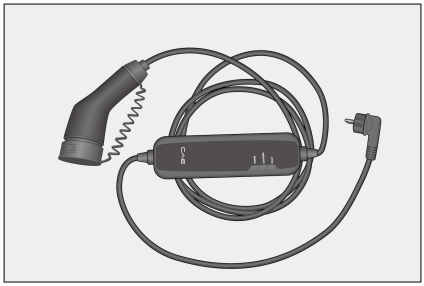
Charging

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

Household Portable AC Charging*

1. **Equipment descriptions**

- The AC charging connection device can connect the vehicle with the household stander 230V 50Hz 10A single-phase two-stage ground socket to charge.
- The power socket shall be a household socket conforming to relevant European standards to avoid circuit damage and tripping caused by high-power charging, so as not to affect the normal use of other equipment.



- It consists of a power plug (complying with European Standard), charger, plug/charger protection cover, a connecting cable, referred to as 3-to-7 adapter. The plug is connected to a standard household power socket, and the charging connector to the vehicle's charge port.
- Equipment specifications: 230 V AC 50Hz 10A
- Charging time: refer to the charging time prompt on the instrument cluster.

REMINDER

- 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 equipment.
- Grounding instructions for charging equipment: The equipment must be properly grounded. In the event of failure or damage to the equipment, the grounding cable provides a minimum impedance to circuit discharge and thereby reducing the risk of electric shock. The equipment comes with a ground cable connecting its ground point with that of the power plug, which must match a properly installed and well-grounded power supply outlet.

CAUTION

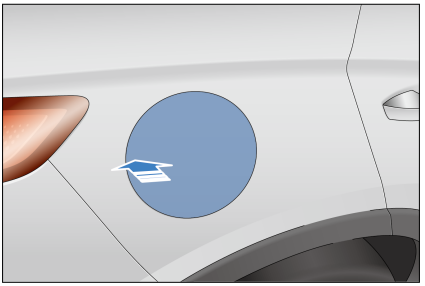
- Do not coil the charging cable during charging, or the heat dissipation is adversely affected.
- See the charging instructions for specific charging precautions.

WARNING

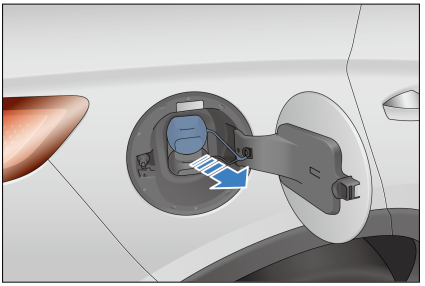
- See "Charging Instructions" for charging safety warnings.
- The maximum service temperature: 50°C. Store the product in a cool and dry place when it is not in use.
- When charging, do not place the equipment in the trunk, under the front of the vehicle, or near the tires.
- When using the equipment, prevent it from getting rolled over by the vehicle, dropped, or trampled on.
- Never drop the equipment or move it by pulling it directly by the cable. Take caution when moving the equipment.
- It is strictly prohibited to modify, disassemble, or repair the charging equipment and its ports.
- Additional wires or adapters/connectors are not recommended. If additional adapters are necessary, select the appropriate wire diameter (⩾ 1.5 square milimeter), and the adapter parameters should meet the requirements.
- Never use the charging equipment if the household power strip cable becomes soft, if the charging connector cable is worn out, if the insulation layer is cracked, or in case of any other damage.
- Never use the equipment when the charging connector, power plug, or power strip is disconnected, broken, or there is any sign of surface damage.

2. **Charging Instructions**

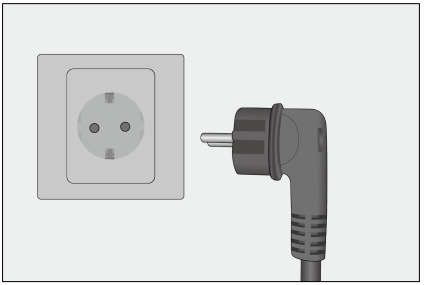
- Unlock and open the charge port door, and then open the charge port cap:
  - Unlock the charge port door: Unlock the vehicle and press the charge port door to open it;



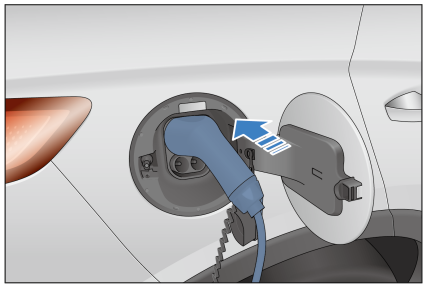
  - Open the charge port protective cover.



- Connect the power supply port:
  - Plug the 3-to-7 power supply plug into the household socket, the indicator is red and continue to light. If the vehicle detects that the charging connection is complete, the green light will continue to light.



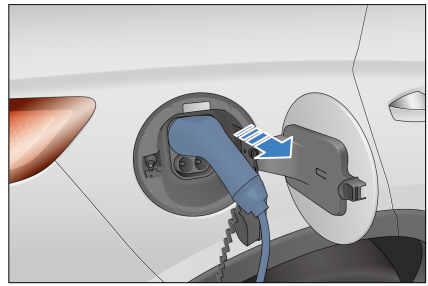
- Connect the vehicle charging port:
  - Plug the charging connector (3-to-7 adapter) into the port and make sure it is tight.
  - Once the charger is connected properly, the charging connection indicator on the instrument cluster goes on. The charging indicator of the 3-to-7 adapter will flash (green).



- In the charging process, relevant charging parameters and charging animation will be displayed on the instrument.
  - Go to "Reservation Charging" via "New Energy" - "Charging Settings" from the touchscreen to select charging start time and end time.

3. **Instructions for Stopping Charging**

- End the charging:
  - When the vehicle is fully charged, charging stops automatically.
  - To stop charging in advance, go to the next step.
- Disconnect the charger from the charging port:
  - If the anti-theft lock is deactived, press the unlock button on the key or press the door handle microswitch (when the key is nearby), then pull out the charging connector in 30 seconds.
  - If the anti-theft lock is active, press the unlock button on the key or press the door handle microswitch (when the key is nearby), then pull out the charging connector in 30 seconds.



REMINDER

- To unlock the vehicle, press the unlocking button on the key (during charging in the OFF gear) or the microswitch on the door handle (when the key is nearby).
- Unlock the vehicle to deactivate the anti-theft lock before pulling out the charging connector. The connector has to be pulled out within 30 seconds, or the port will re-lock.
- You can activate the anti-theft lock on the infotainment touchscreen, as detailed in "Charge Port Anti-theft Lock" in this chapter.
- If the charging connector cannot be removed after unlocking, try a few more unlocking attempts. If that does not work, try emergency unlocking. For the operating procedure, see "Charging Port Emergency Unlocking" in "Control Function of Charging Port Electric Lock" for details..
- During charging, the estimated remaining time to full charge

REMINDER

is displayed on the instrument cluster. The remaining time for a full charge may vary depending on such different conditions as temperature, SOC, and charging facilities.

- Reservation charging cannot be used when the remaining battery is too low.
- When the vehicle is equipped with DC charging bossster module, the power consumption on the low-voltage platform charging pile will increase compared with that on the high-voltage platform charging pile, and the charging efficiency of the vehicle without DC charging booster module will decrease 1% to 2%.
- Unlocking by mistake will cause charging to pause for 30 seconds.

- Disconnect the power plug.
- Close the charge port cap and the port door.
- Put the 3-to-7 connector into the storage bag and put it on the cover of the luggage compartment.

Three-phase AC Charging with Charging Pile

1. **Equipment descriptions**

Three-phase AC charging box

- Charge the vehicle with the charging box. See the Owner's Manual or relevant instructions for the use of the charging equipment.
- Equipment specifications: 400V AC 50HZ 16A
- Three-phase AC charging box: Consists of a charging box, a charging connector, and a connecting cable. For information on circuit breaker and emergency stop switch, see the charging box user manual.



Three-phase AC charging pile

- Use three-phase AC charging piles in public places to charge the vehicle. Since some charging piles are not equipped with charging connectors, AC charging connectors need to be prepared.
- Equipment specifications: 400V AC 50HZ 16A
- AC connection device: It consists of a power plug (complying with European standards), charger, plug/charger protective flap, and a connecting cable, which is referred to as a 7-7 connector. The power plug is connected to the power outlet of the charging pile, and the charger is connected to the charging port of the vehicle.



REMINDER

- Make sure to properly identify the power plug and charging connector to avoid a reverse connection when using the 7-7 connector.
- When the external power supply is cut off for a short time and then recovered again, BYD charging equipment automatically restarts charging, without the need for reconnecting.
- The equipment must be properly grounded. In the event of failure or damage to the equipment, the grounding cable provides a minimum impedance to circuit discharge and thereby reducing the risk of electric shock.

CAUTION

- Pay attention to the parking position before charging to ensure that the charging cable is not straightened during charging.
- If you need to stop charging before the battery is fully charged, try to use early stop set for the charger first instead of directly unplugging the charger.
- See the charging instructions for specific charging precautions.

WARNING

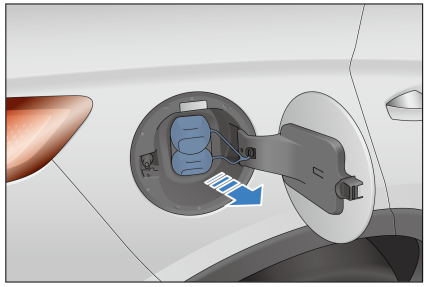
- See section "Charging Instructions" for charging safety warnings.

2. **Charging Instructions**

Connect the vehicle to an AC charging pile by the 7-7 connector, or connect the vehicle to an AC charging pile/box by the charging connector of this pile/box to begin AC charging.

Instant charging method:

- Unlock and open the charge port door, and then open the charge port cap:
  - Open as per the instructions in "Using Mode 2 Charging Cable".



- Connect the power supply terminal:
  - Skip this step if a three-phase AC charging box is used for charging.
  - Skip this step if an AC charging pile equipped with a charging connector is used.
  - If a three-phase AC charging pile without a charging connector is used, connect the power plug of the 7-7 connector to the power socket of the charging pile.
- Connect the vehicle port:
  - Insert the charger of the charging device into the charging port, and lock it reliably.
- Charging settings:
  - Skip this step if a three-phase AC charging box or a public AC charging pile without any setting option is used.
  - For AC charging pile/box subject to authentication, swipe the card or scan the QR code. For details, see the user manual for charging pile/box.

- The charging connection indicator on the instrument cluster lights up.
- In the charging process, the instrument cluster displays relevant charging parameters and the charging sign.
  - Reservation charging can be set from the touchscreen (refer to "Reservation Charging").

3. **Stopping charging**

- Stop charging:
  - The charging is stopped automatically when the charging equipment is set to stop charging in advance or when the vehicle is fully charged.
- Disconnect the charge port:
  - Disconnect the charging port by following the relevant procedures for Household Portable AC Charging.
- Disconnect the power plug.
  - If a 7-7 connector is used, it is recommended to pull out the charger first and then disconnect the power plug.
  - Skip this step if a three-phase AC charging box is used for charging.
  - Skip this step if an AC charging pile equipped with a charging connector is used.
- Close the A/C charge port cap and the port door (see Using Mode 2 Charging Cable).
- Store the equipment properly.
  - Place the charger at the designated position in the AC charging pile/box (if used).
  - Put the 7-7 connector (if used) in order.

WARNING

- Do not drop the 7-7 connector from a height or move it by directly pulling its cable. Take caution during moving and store it in a cool place after use.

Charging with AC Charging Piles

1. **Equipment descriptions**

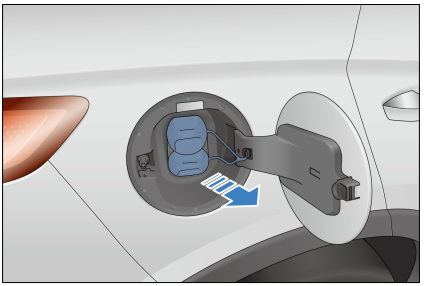
- Charge the vehicle with DC charging piles in public places, which are generally installed in specific charging stations.
- Equipment specifications: Please view the relevant charging pile instructions.
- Charging time: refer to the charging time prompt on the instrument cluster.

2. **Charging Instructions**

Connect the vehicle to a DC charging pile by the charging connector of this pile to begin DC charging.

Instant charging method:

- Before charging, power off the vehicle.
- Unlock the vehicle and open the charge port door and cap:
  - For the specific operation, refer to the relevant procedures for Household Portable AC Charging.



- Connect the vehicle port:

- Connect the charging connector of the charging pile to the charge port, and lock it securely in place.

- Operate the charging equipment to start charging.
- The charging connection indicator on the instrument cluster lights up.
- In the charging process, the instrument cluster displays relevant charging parameters and the charging sign.

3. **Instructions for Stopping Charging**

- End the charging:
  - Charging ends automatically when early stop time is due or the charging is complete.
- Disconnect the charge port:
  - After the instrument cluster displays that charging is completed, pull out the charging connector.
- After DC charging with a charging pile, properly place the charging equipment. Put the charging connector to the designated position of the charging pile.
- Reinsert the DC charge port cap and close the port door.

REMINDER

- During charging at a high/low temperature, it is normal that the battery thermal management performance may be affected by the A/C in the passenger compartment, causing an extension in the charging time.
- During DC charging, press the remote control key/micro switch/ window switch twice within 3 seconds to end DC charging. To continue charging, unplug and plug the charging equipment

REMINDER

again and swipe the card to charging.

CAUTION

- After charging, if the charging connector cannot be pulled out, please contact customer service personnel for the charging pile immediately.
- See the charging instructions for specific charging precautions.

WARNING

- See section "Charging Instructions" for charging safety warnings.

Charge Port Anti-theft Lock

Charge Port Anti-theft Lock

The charging port of the vehicle has an anti-theft function to prevent theft. This function is disabled by default, to set it perform the following steps.

- Go to infotainment touchscreen → New Energy → Charge Settings to activate or deactivate charging port anti-theft lock.

REMINDER

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 intelligent key when the vehicle is powered off.
- Press the microswitch next to the exterior handle of the driver's side door to unlock (with the smart key nearby).
- Press the central door lock below the window inside the driver's door.
- When the vehicle is fully charged after locking, the charging port anti-theft lock is automatically unlocked in the "Smart/Deactivated" mode, and must be manually unlocked in the "Activated" mode using the above methods.

CAUTION

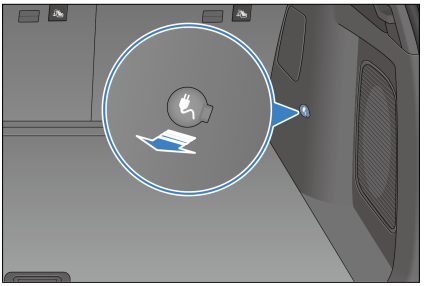
- AC charging box After unlocking the charger, it can be pulled out within 30 seconds. After 30 seconds, it will lock again.
- DC Charge Port Hold the charging connector with one hand and remove the connector.

Emergency Unlocking of the Charge Port

When the charge port anti-theft lock fails and the charging connector cannot be pulled out, use the emergency pull lock for unlocking, and then try to pull out the connector.

Integrated AC/DC charge port:

Open the trunk lid and pull the black clip on the right side shield to unlock the charge port.



WARNING

- Use the emergency pull lock only in an emergency.
- Use a key or thin layer of sheet metal to pull the lock clip that is snugly secured to the side shield, as pulling it with your fingers may cause injuries to fingernails.
- To use the emergency pull lock, pull the cable in the direction perpendicular to the side shield whenever possible.

WARNING

After unplugging the charging connector, put the pull lock back in place. Failure to do so may result in the pull lock jamming, thus impeding the electric lock's return and adversely affecting the charging.

- Pull the emergency pull lock normally and avoid applying sudden excessive force. Cease pulling when encountering significant resistance (this indicates the pull lock has been unlocked) and then unplug the charging connector.

Driving Range Display Mode Setting*

This vehicle comes with a driving range display mode setting function (default mode: standard mode). To enable dynamic mode, proceed as follows:

- Go to "Driving Range Display Mode" via "New Energy" - "Energy Management" from the touchscreen, and select "Standard" or "Dynamic".
  - Standard mode: displays the driving range based on the result of comprehensive working condition test.
  - Dynamic mode: displays the driving range based on the battery SOC and the current average energy consumption.

CAUTION

- The driving range that is displayed after a full charge may vary, depending on calculations of the energy consumed the last time the vehicle is used.

CAUTION

- Depending on the switch of air conditioning or heater, the switch of driving mode (SPORT and ECO) and other accessories, the driving range will increase or decrease.

Smart Charging

- The vehicle supports the smart charging function, so it is not necessary to disconnect the negative terminal from the low-voltage battery for long-term parking.
- When the 12V battery SOC is too low, it can be charged by the high-voltage battery.

REMINDER

- The smart charging function may activate if the vehicle is parked for a prolonged period. It is normal for the fan in the front compartment to activate. This is not indicative of any vehicle malfunction.
- The smart charging process draws power from the high-voltage battery pack, so it is normal for SOC to decrease during this process. This is not indicative of any vehicle malfunction.

Discharging Equipment

The vehicle supports the vehicle to load (VTOL) function.

REMINDER

- Try to use this function when the SOC is high.

REMINDER

- The VTOL function is restricted when the vehicle SOC is low.
- When the vehicle is powered off, the static power consumption of the vehicle will increase if the VTOL connection device is connected for an extended period without any output. Therefore, removing the discharging/charging connector when the device is not used is recommended.

CAUTION

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

WARNING

- Do not touch any metal terminal of the discharging power strip, interior discharging socket, or vehicle charge port during discharging.
- Stop discharging immediately if there are any abnormalities such as peculiar smell and smoke.
- Discharge safety warnings are the same as charging safety warnings (see Charging Instructions).
- Store the product in a cool and dry place when it is not in use.

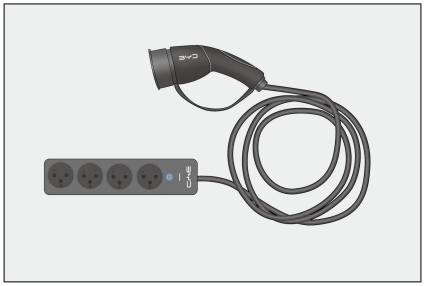
WARNING

- When charging, do not place the equipment in the trunk, under the front of the vehicle, or near the tires.
- When using the equipment, prevent it from getting rolled over by the vehicle, dropped, or trampled on.
- Never drop the equipment or move it by pulling it directly by the cable. Take caution when moving the equipment.
- Never use the charging equipment if the power strip cable becomes soft, the charging connector cable is worn out, the insulation layer is cracked, or any other damage occurs.
- Do not use the equipment when the discharging connector or power strip experiences a breakage, crack or other exposed damage.

VTOL Method

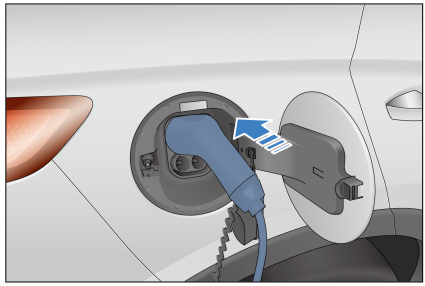
1. **Equipment description**

- Vehicle-to-load (VTOL) equipment: It consists of a discharger, socket, cable, and discharger protection cover.
- Equipment specifications: 230 V, 50 Hz, 15 A. VTOL is made possible through the VTOL equipment with a maximum discharging power of 3.5 kW.



2. **Discharging**

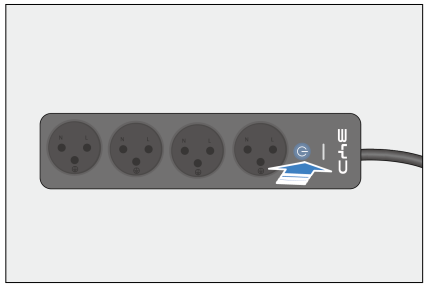
- Before discharging, power off the vehicle.
- Unlock the charging port hatch switch, and open the charging port hatch and protection cover.
  - For the specific operation, refer to the relevant procedures for Household Portable AC Charging.
- Check before discharging:
  - Ensure that the battery capacity of the vehicle to be discharged is not below 15%.
  - Ensure the VTOL connecting device casing is not cracked, and its plug is free from rust or obstructions.
  - Make sure that the charging port is free of water or foreign matters, and that the metal terminals are not damaged or affected by rust or corrosion.
  - In any of these cases, do not charge. Otherwise, personal injury may occur due to short circuit or electric shock.
- Connect the VTOL equipment:
  - Connect the discharging connector to the charge port, and lock it securely in place.



REMINDER

- Do not forcibly attempt to insert the discharging connector when the electric lock is locked.

  - Press the switch on the discharging outlet and wait for a few seconds. If the outlet indicator (red) stays on, the outlet can be used.



- Start discharging:
  - After the connection is made, discharge begins and respective information is displayed on the instrument cluster.

3. **Stopping discharging**

- Stop discharging:
  - Press the switch on the discharging outlet.
  - In an emergency, proceed directly to the next step (not recommended).
- Disconnect the discharging equipment:

- Press the unlock button on the key or the microswitch on the door handle (when the key is nearby), and pull out the discharging connector within 30 seconds.

- Close the charge port cap and the port door (see instructions for Mode 2 charging).
- Put the equipment in order:
  - After discharging, put the VTOL equipment into the storage box in the trunk.

Battery

High-Voltage Battery

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

Battery Properties

- It is normal that vehicle performance is affected by battery electrochemical properties and self-protection and varies to some extent in the following conditions:
  - When the high-voltage battery SOC is high, the vehicle’ s regenerative braking performance is weakened.
  - The vehicle switches to trickle charging mode at high SOC. If the charging time is prolonged, the estimated remaining charging time displayed on the instrument cluster may not be accurate.
  - When SOC is low, the acceleration performance may decline.
  - When the high-voltage battery is low, VTOL cannot be used as normal. Charge the battery promptly.
  - It is normal for the charging/ discharging capacity of the high-voltage battery to decrease and for the charging time to extend at high or low temperatures. At a low temperature, it is recommended to use high-power charging equipment for fast charging. 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 high-voltage battery is normal, the driving range of the vehicle varies with the following factors:
  - Driving habit: For example, the range in frequent acceleration or deceleration is shorter than that at constant speeds, and the range is shorter when driving at high speeds than when at low speeds.
  - Road conditions: For example, the range driven in rough conditions or

on long slopes is shorter than that in normal conditions and on even roads.

- Air temperature: The driving range at low temperatures is shorter than that at ambient temperatures.
- Use of electric equipment: For example, the range driven with A/C on is shorter than that with A/C off.
- Available power of the high-voltage battery is lower in cold weather and reduces as the temperature decreases. If the vehicle with high battery level is charged at low temperatures, the SOC may quickly jump to 100%.

Usage Tips

- It is recommended to use the vehicle at an ambient temperature of -10°C-40°C. In case of low battery SOC, please charge the vehicle as soon as possible to ensure sufficient driving range and good acceleration performance.
- Do not park the vehicle in a place above 40°C for a long time (more than 15 days), or it will reduce high-voltage battery service life.
- Frequent and sudden acceleration or deceleration should be avoided. Drive the vehicle on flat and dry roads. When necessary, turn off high-power equipment such as A/C or adjust the A/C temperature to reduce power consumption of such devices and increase the driving range.
- Low-power charging contributes to the service life of high-voltage battery.
- When the vehicle is used for the first time or after a long idle period, the SOC displayed on the cluster may not be correct. It is recommended to fully charge the vehicle first.
- It is recommended to fully charge the vehicle at a regular basis (at least once a week), and fully charge it from low battery (SOC <10%) once every three to six months.
- Under extreme working conditions (such as frequent sudden acceleration/deceleration) that cause battery overheating, if the temperature of high-voltage battery is excessively high, it is normal for discharging capability to decrease gradually. If the battery temperature keeps rising, the fault light on the cluster will light up. At this time, it is recommended to contact a BYD authorized dealer or service provider.
- When the battery SOC increases or decreases abnormally, it is recommended to contact a BYD authorized dealer or service provider for inspection.

CAUTION

- If there is a collision with the high-voltage battery, contact a BYD authorized dealer or service provider immediately for maintenance.
- The normal operating temperature of the high-voltage battery is within -30-60°C.
- To ensure safety of the high-voltage battery, stop the vehicle away from flammable and explosive materials, ignition sources and various hazardous chemicals.
- The available battery capacity decreases as the vehicle is used over time.
- Prolonged exposure to heat sources and direct sunlight

CAUTION

will reduce high-voltage battery service life.

- When the vehicle is not to be operated for an extended period (over seven days), it is recommended that the battery SOC should be kept at 40%-60% to prolong its service life. When the vehicle is not to be operated for over three months, the high-voltage battery must be fully charged and then discharged to 40%-60% every three months. Otherwise, over-discharge may lead to battery performance degradation or even damage. Any vehicle fault or damage so caused will not be warranted.

CAUTION

- If there is a collision with the high-voltage battery, contact a BYD authorized dealer or service provider immediately for maintenance.
- To ensure safety of the high-voltage battery, stop the vehicle away from flammable and explosive materials, ignition sources and various hazardous chemicals.
- The available battery capacity decreases as the vehicle is used over time.
- Prolonged exposure to heat sources and direct sunlight will reduce high-voltage battery service life.
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CAUTION

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WARNING

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

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

High-Voltage Battery Recycling

When the new energy vehicle is to be scrapped, please follow the following procedures:

1. Send the vehicle to a BYD recycling service outlet, which evaluates the scrap value of the high-voltage battery.
2. After the evaluation, send the vehicle to a vehicle recycling and disassembling enterprise to remove its high-voltage battery.
3. After the high-voltage battery is removed, hand over it to the recycling service outlet for repurchasing.

WARNING

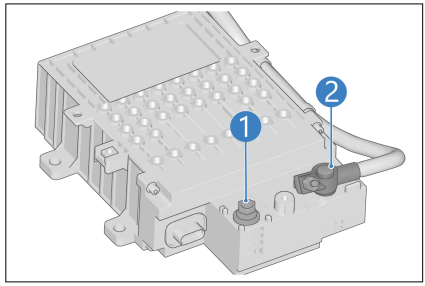
- New energy car owners have the responsibility and obligation to hand over waste high-voltage batteries to the recycling service outlet. Anyone who hands over a used high-voltage battery to any other organization or individual, or removes/disassembles a high-voltage battery without authorization, shall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

Low-voltage Battery (12V)

- The low-voltage battery used in this vehicle is a BYD self-developed lithium iron phosphate battery. The low-voltage battery features a smart charging function. When the high-voltage battery SOC is sufficient, the vehicle can enable the high-voltage battery to charge the low-voltage battery, so as to extend the endurance of the low-voltage battery.

① Positive pole

② Negative pole



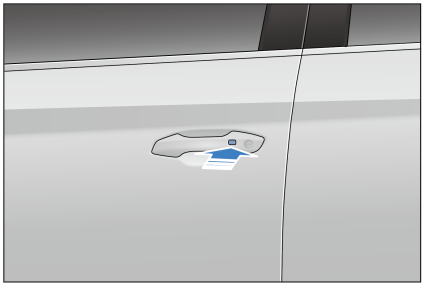
REMINDER

- When the vehicle is powered off for smart charging, it makes such a normal sound as when the vehicle is powered on.
- Make sure that all electrical equipment is turned off and the doors are closed when leaving the vehicle.

Wakeup Function after Power Loss of the Vehicle

Wakeup by the Front Left Door Microswitch:

- The low-voltage battery features the dormant/ wakeup function. After long-term parking, if the vehicle locating and unlocking cannot be realized with the smart key, the low-voltage battery may be in a dormant state. Then, press the microswitch on the front left door handle to wake up the low-voltage battery. After the vehicle is unlocked, it can be used normally.

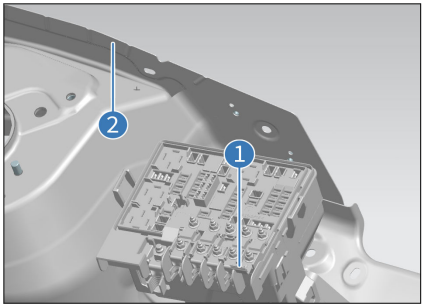


Wakeup by Jump Start:

- When the vehicle cannot be waked up and unlocked by the front left door microswitch, use the mechanical key to open the door. Then, a 12V power supply can be used to start the vehicle through two special cables for the jump start. In this case, the low-voltage battery SOC is low and the vehicle may become dormant again. Start the vehicle immediately and keep it started for more than 15 min to ensure that the low-voltage battery is fully charged.
- The jump start can only be carried out through the special interface of the front compartment fuse box. The connection terminals for the jump start are shown in the right figure.

① Positive terminal for the jump start in the front compartment fuse box

② Negative terminal for the jump start of bodywork



If the vehicle cannot be woken up and started by the above operations, please contact a BYD authorized dealer or service provider immediately.

CAUTION

- The operation space of the front compartment distribution box is limited, and there are certain circuit safety risks at the same time. It is recommended to carry out the operation under the guidance of professionals.
- The jump start is only for starting the vehicle in a short time, so do not connect the overcurrent for a long time.

WARNING

- It is strictly prohibited to connect the vehicle with other vehicles for a jump start when its OK indicator is off; otherwise, the low-voltage battery may be damaged.
- When it is necessary to use a jump start for starting in case of low-voltage battery SOC or failure of normal use, please read this part of the Owner's Manual carefully and strictly follow the relevant instructions.
- The low-voltage battery contains an intelligent control module. Do not disassemble or damage the battery without permission in non-emergency situations.
- Please disconnect the negative terminal of the low-voltage battery before replacing the parts and repairing and checking the vehicle.

WARNING

- Do not clean the low-voltage battery with liquid to avoid ingress of liquid into the battery.

Smart Charging Function

- Low-voltage battery SOC triggers the smart charging function to extend the battery endurance.
- The vehicle supports the smart charging function, so it is unnecessary to disconnect the negative terminal of the low-voltage battery in case of long-term parking.

CAUTION

- Low-voltage battery SOC triggers the smart charging function, resulting in a decrease of the high-voltage battery SOC or the driving range in pure electric mode displayed on the instrument cluster, which is normal.

Usage Guidelines

Break-in Period

- If the powertrain is difficult to start or stops rotating frequently, check the vehicle immediately.
- In case of any abnormal noise in the powertrain, pull over the vehicle for inspection.
- In case of serious coolant or lubricating oil leakage in the powertrain, pull over the vehicle for inspection.
- The powertrain needs break-in. This should preferably be done within the first 2,000 km in economic mode. Steady driving instead of high-speed driving is recommended. The following practices effectively prolong vehicle service life:
  - Avoid flooring the accelerator pedal when starting and driving the vehicle.
  - Avoid overspeeding during driving.
  - Avoid emergency braking within the first 300 km.
  - Do not drive at a single speed for a long time.

Vehicle Towing Function

- **Towing capacity**
- The vehicle's towing capacity depends on various factors such as vehicle specifications, loads, road conditions, and trailer specifications. For a safer driving experience, avoid speeding and overloading. Please refer to the table below for specific parameters.
- The total trailer weight (including all cargo and optional equipment) and drawbar weight shall not exceed the limits outlined below:

Towing capacity (braked)[kg]	1300
Towing capacity (unbraked) [kg]	750
Max. tongue weight [kg]	150

* Towing capacity: total trailer weight (including all cargo and optional equipment)

A holder of C6 driving license is allowed to drive a trailer if the total mass (including both the vehicle and trailer) is less than 4,500 kg.

Tire pressure during towing

- For towing a trailer, adjust the tire pressure to accommodate additional loads. Keep tires inflated to 270 kPa.
- For towing, the technically permissible maximum mass on the rear axle may be exceeded by no more than 15% and the technically permissible laden mass of the vehicle may be exceeded by no more than 100 kg. In these instances, the vehicle speed cannot exceed 100 km/h and the rear tire pressure must be at least 20 kPa above the tire pressure recommended for normal use.

WARNING

- The trailer tongue weight shall be at least 4% of the total trailer weight, without exceeding the maximum tongue weight stated in the table above. Unbalanced loads towards wheels or heavier loads at the rear may cause the trailer to sway, resulting in loss of vehicle control.
- Make sure no one rides in the trailer during towing.
- The maximum uphill gradient allowed is 12% when a trailer is towed.
- Always ensure that cargo is secured in the trailer and cannot move. Dynamic load movement may cause loss of vehicle control, resulting in serious injury or death.

WARNING

- To avoid potential accidents and serious personal injury, never exceed the towing capacity or maximum tongue weight.
- To avoid tire faults or loss of vehicle stability, never attempt to tow a trailer in case of a:
  - faulty tire ; or
  - temporarily repaired tire (such tires cannot sustain towing loads).
- Please observe applicable local laws and regulations regarding towing. Do not modify the vehicle without permission.
- Do not tow a trailer equipped with an electromagnetic brake.

CAUTION

- Do not tow a trailer in the running-in period.
- Before towing, be sure to:
  - inflate tires to the specified cold tire inflation pressure;

Precautions for vehicle towing

- Do not tow a trailer in the running-in period.
- Before towing, be sure to:
  - inflate tires to the specified cold tire inflation pressure;
  - understand and observe all local regulations and legal requirements regarding trailers;
  - adjust side mirrors to provide a clear rear view without significant blind spots;

- keep the vehicle horizontal when the trailer hitch is connected. If the vehicle is tipped up at the front and down at the rear, check that towing loads do not exceed the towing capacity or the maximum ball vertical loading weight/tongue weight;
- check that trailer lights and turn signals can operate normally;
- check that the trailer brake works normally;
- check that all towing components are securely tightened;
- check that all trailer hitch components, accessories, and electrical connectors (if any) are in good condition and properly connected. If any problems are apparent, do not tow the trailer;
- check that wheel chocks are available;
- check that trailer loads are evenly distributed;
- place heavy objects in the trailer near the axle whenever possible to reduce the interference with the combination vehicle in case of sway; and
- make sure the trailer cable does not contact or drag on the ground and has enough slack for turning.

- Please put away the trailer hitch when the vehicle is not used to tow a trailer.
- Starting to drive:
  - Start the vehicle smoothly. Avoid sudden acceleration and emergency braking. Especially on a slippery road, the vehicle may be out of control due to slipping.
  - Crosswinds or rough roads may cause vehicle sway, leading to difficulties in controlling the vehicle. In any situation, whenever you notice any slight sway of the vehicle, hold the steering wheel firmly with both hands and slow down gradually. Never attempt to eliminate sway by increasing the speed.
  - When the vehicle is unladen, try to avoid towing a trailer with loads. If this is unavoidable, drive at a low speed due to improper load distribution.
- Braking:
  - Sudden braking may cause slipping, bottom scratches, or loss of control.
  - The vehicle braking distance increases when a trailer is towed. Therefore, at least double the normal following distance.
- Overtaking:
  - Towing a trailer increases the overall length of the vehicle. Overtaking requires a longer distance to return to the original lane.
- Reversing:
  - Reversing while towing a trailer is more difficult than ordinary reversing, so great care and extra practice are required.
  - When reversing, hold the bottom of the steering wheel with one hand. Turn it left or right to make the trailer turn in the same direction. Always reverse at a low speed, and if possible, ask others for help.
- Turning:
  - When making a turn, keep the vehicle steady. Avoid bumps or sudden turns whenever possible. Activate turn signals before turning.
  - While turning, ensure a larger radius than usual to prevent the trailer from colliding with curbs, road signs, trees, or other obstacles.

- Parking on a grade:
  - Whenever possible, avoid parking on a grade. The grade shall be not greater than 12%. If parking on a grade is absolutely necessary, place wheel chocks under the trailer wheels:
    1. One person presses and holds the brake pedal;
    2. A second person places wheel chocks under the wheels on the downgrade side of tires;
    3. When chocks are in place, release the brake pedal and ensure the chocks can hold the weight of the vehicle and trailer (with AVH disabled).
    4. Shift the vehicle to P.

CAUTION

- Towing a trailer can negatively impact vehicle performance, durability, driving economy, and electric energy consumption.
- When a trailer is coupled, it is normal for the trailer's LED taillights to flash very slightly.

WARNING

- If parking on a grade is necessary, always ensure that all trailer wheels have been securely chocked. Failure to do so can result in serious damage, injury, or death.

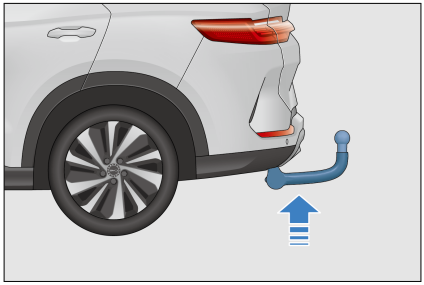
Diagnosis for general vehicle towing faults

Fault	Possible cause	Solution
Failure to activate trailer mode	Vehicle speed: not 0	Engage EPB, and activate the trailer mode again when the vehicle is stopped.
	Cable disconnected, or poor cable connection	Unplug the cable and reconnect it.
Trailer light fault	Poor cable connection	Unplug the cable and reconnect it.
	Blown fuse	Contact a BYD authorized dealer or service provider.
Trailer indicator turning red，and the instrument	Accidental disconnection of trailer cable during driving	Pull over as soon as possible, and check whether

Fault	Possible cause	Solution
popup window shows that the trailer power interface is connected abnormally.		the cable is properly connected; if not, reconnect it. If the cable is damaged, repair it as quickly as possible.

Driving with a trailer

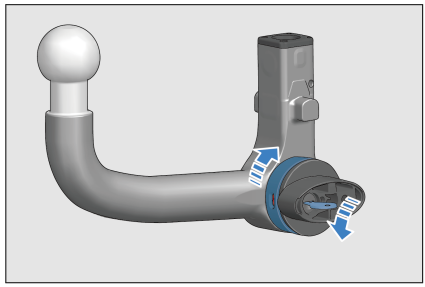
- Trailer hitch



- If the optional trailer hitch kit is selected by the user, an additional toolkit is provided for the trailer hitch.
- After use, remove the trailer hitch and place it into the dust bag. Place the bag in the toolkit to prevent rust.

Installing the trailer hitch

1. Remove the guard plate from the bottom of the rear bumper, and take out the hitch body from the storage bag.
2. Pull up the hitch housing dust cover.
3. Insert the key into the hitch's locking cylinder and turn it counterclockwise.
4. Press and hold the knob switch, while turning it clockwise to the red area.



5. Firmly grasp the hitch from the bottom and align the triangle marks on both sides of the hitch with the corresponding cutouts in the hitch housing.
6. Push the hitch into the hitch housing until the knob switch rotates counterclockwise by about 110° and automatically locks into the "Closed Position". At this time, the knob switch is turned to the green area.
7. Visually check that the hitch is fully inserted into the housing. Try pulling down on the hitch to confirm that the hitch does not drop.
8. Turn the key clockwise to lock the hitch, take the key and store it properly (preferably inside the vehicle).
9. Close the dust cover to prevent dirt and debris from entering the lock.

WARNING

- Be sure to use the BYD SEAL U trailer hitch when towing a trailer. Never attempt to attach a different type of trailer hitch.

Removing the trailer hitch

1. Insert the key and turn it counterclockwise.
2. Press and hold the knob switch, while turning it clockwise to the red area.
3. Remove the hitch, turn the key clockwise to lock the hitch, and then remove the key.
4. Place the hitch body into the storage bag and store it in a secure location.

CAUTION

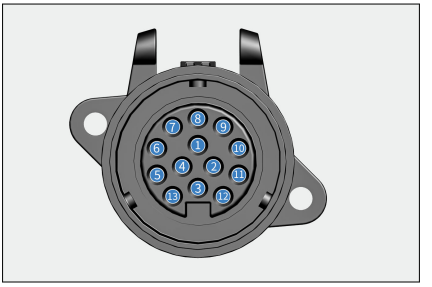
- Do not grasp the locking cylinder because it needs to rotate freely.
- The key can be removed only if the hitch is locked. This indicates a proper connection. Do not use the hitch if the key is not removed.
- If the hitch does not lock into the housing, it falls out when pulled down.
- BYD recommends making a note of the key code. You will need this code if you lose the key and need to order a replacement.
- To maintain the hitch, regularly grease its surfaces with non-resinous grease.

WARNING

- Be careful when turning the locking cylinder. If it does not lock into the "Open Position"/"Closed Position", it automatically retracts to its original "Closed Position"/"Open Position" and may pinch the fingers.

Electrical connections

- All trailers are equipped with taillights, brake lights, side marker lights and turn signals.
- To provide power for trailer lighting, a built-in 13-pin electrical connector is provided for the hitch.
- When the vehicle is stationary, plugging the trailer plug into the vehicle electrical connector automatically activates the trailer mode.



1	Left turn signal

2	Rear fog light
3	Pins 1-8 GND
4	Right turn signal
5	Right taillight
6	Parking light
7	Left taillight
8	Reverse light
9	12V power supply - permanent
10	12V power supply - switch/ignition
11	Pin 10 GND
12	Reserved (not connected)
13	Pin 9 GND

CAUTION

- The driver shall ensure that all electrical connections and all trailer lights are operating normally before and during towing.
- When the electrical connection device is not connected to the trailer interface, do not directly clean this device with a high-pressure water jet. Doing so may result in water entering and damaging the device.

WARNING

- Use only the electrical connection device designed by BYD. Do not directly splice or connect the trailer’ s electrical circuit using any other method. Doing so can damage the vehicle electrical system and cause faults.

Guide for activating trailer mode

- Preparation before connection
  - Take out the trailer hitch from the toolkit in the trunk and insert it into the reserved interface at the rear of the vehicle;
  - Shift the vehicle to R, and enable the towing assist function on the panoramic view screen;
  - Reverse the vehicle with the aid of the towing assist guide cursor in the reverse image, and make the trailer hitch ball close to the mechanical connecting device of the vehicle to be towed;
- Connecting the two vehicles
  - Connect the two vehicles according to instructions of the vehicle to be towed.
  - When the vehicle is stationary, plug in the cable and drive the double flash, the vehicle enters the driving mode with trailer.
- Light detection

- Automatic: Light detection automatically starts 15s after the cable is connected.
- Manual: Tap "Light Detection" in the towing function interface of the touchscreen, and then automatic light detection starts after 15s.

CAUTION

- In the trailer mode, the maximum speed limit is 110 km/h.
- In the trailer mode, when the user opens the trunk lid, it unlocks but does not automatically open.
- After the vehicle enters the trailer mode, automatic cruise control, ICC, automatic parking, emergency braking, lane keeping assist, automatic trunk lid opening and some collision warning functions are disabled. Please exercise caution while driving.

CAUTION

- Pull out the electric signal plug of the trailer hook, and the user needs to drive the double flash or step on the brake to exit the trailer driving mode.
- After the vehicle enters the trailer mode, the driving mode is set to Comfort mode by default and cannot be switched.

Trailer mode indicator

- The trailer mode indicator is displayed on the dashboard.
- It stays blue when the trailer cable connection is normal.
- It stays red when the trailer cable connection is abnormal.
- It is off when the trailer cable is not connected.

Function	State	Lighting up	Indicator
Towing	Normal	Staying blue	
	Abnormal	Staying red	

WARNING

- Always ensure that all trailer wheels have been securely chocked. Failure to do so can result in serious damage, injury, or death.

Influence of trailer towing on range

- Towing a trailer increases vehicle weight and drag. As a result, the driving range can decrease significantly. The trip planning function can adjust the range estimate based on the energy consumption in the historical towing (initial calibration value is adopted in case of first towing), and dynamically adjust it based on the energy consumption during driving.

Trailer sway mitigation

- When trailer sway is detected, the vehicle ESC applies the appropriate amount of braking to minimize sway. The ESP indicator on the dashboard flashes. Pressing the brake pedal when the system automatically applies braking due to trailer sway

does not cancel indicator flashing until the system becomes stable.

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:**
   - The vehicle comes with an energy recovery function. The energy feedback intensity can be set to "Standard" or "High" mode by navigating to "New Energy" - "Energy Management" from the touchscreen. In high mode, more energy is recovered during vehicle braking and coasting to save power. Please select a mode which best suits your 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.
   - Use cruise control under proper driving conditions for energy saving.
   - Acceleration should be gradual. Avoid sudden startup, 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. Maintaining vehicle speed within the economical speed range can save power.
3. **Reduce load:**
   - Consumption is higher when air conditioning is used. Turn off the A/C to reduce power consumption. When outside temperatures are moderate, use fresh air mode.
   - Do not overload the vehicle unnecessarily. Excessive weights will add the load of vehicle, increasing energy consumption.
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. Misalignment of the front wheels not only increases tire wear, but also increases load on the powertrain and power consumption.
   - Keep the bottom of the vehicle clean and mud free. This reduces vehicle weight and prevents corrosion.

REMINDER

- Never coast in "N" while driving.

Carrying Luggage

This vehicle features several different spaces for convenient storage of articles. Overloading or improper accommodation may affect maneuverability, stability and normal operation of the vehicle, and

reduce its safety. Therefore, please read the following contents before loading baggage.

WARNING

- When loading luggage in the passenger compartment:
  - For safety, do not stack children's toys in the vehicle.
  - Make sure that any articles on the floor behind front seats cannot roll under seats, to prevent interference with pedal control or seat adjustment.
  - Do not stack articles higher than front seatbacks.
  - Make sure to keep the glove box closed during driving. An open glove box may cause knee injury to the front passenger during emergency braking.
  - Do not carry articles with strong magnetism to avoid interference with the normal running of the vehicle.

Loading Baggage in the Boot

- Place the baggage evenly in the boot, and put the heaviest baggage at the front bottom as far as possible.
- Secure the articles with ropes or chains to make sure they do not move during driving. Do not stack the articles higher than the seat backrests.

Fire Prevention

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

- Do not press the accelerator pedal continuously. Otherwise, the drive motor will always run at a high speed.
- Do not place any flammable or explosive materials in the vehicle.
  - In hot summer, the interior temperature of the vehicle parked in the sun can be more than 70°C. If there are lighters, cleaning agents, perfume, and other flammable and explosive materials in the vehicle, it is easy to cause fires and even explosions.
- Make sure the cigarette butt is completely extinguished after smoking.
  - Smoking is not only harmful to health, but also may cause a fire. Cigarettes that not thoroughly put out may cause a fire.
- Contact a BYD authorized dealer or service provider for regular inspection.
  - Check vehicle wiring, connections, wiring harnesses, insulation, fixed positions regularly. Deal with identified problems promptly.
- Do not modify the vehicle's wiring or install any additional electrical appliances.
  - Installing other electrical appliances (such as high-power audio systems and lights) causes excessive wiring load, resulting in heating of the wiring harness and fires. Improper modification of electrical appliances and wirings causes abnormal heating and fires due to contact resistance.
  - Do not replace fuses with those beyond the rated specification of electrical appliances or with other metal wires.
- Park the vehicle in a proper place.
  - During parking, especially in summer, be sure to check whether there are flammables under the vehicle, such as hay, dead branches, leaves, or wheat straws. It is likely to cause a fire in case of the existence of flammables under the vehicle.
  - During driving, avoid roads with flammables such as dry leaves, wheat straws and weeds as far as possible, or pull over the vehicle in time to check whether there are flammables under the vehicle after passing through such roads. Do not park the vehicle in a place exposed to the sun.
- Always keep portable fire extinguishers on the vehicle and know how to use.
  - Carry fire extinguishers with the vehicle and regularly check and replace them to ensure safety. Also, you should familiarize yourself with use of the fire extinguisher and be prepared for any accidents.
- In case of a fire in the vehicle, take effective measures in a timely and calm manner to minimize losses.
  - Generally, there are early signs of a fire, such as abnormal noise and odor in the vehicle body. If any, pull over the vehicle immediately and actively put out the fire according to the actual situation.
  - Find out the origin of the fire. In case of any smoke in the front compartment, do not open the hood immediately (because this aggravates the combustion and spread of the fire due to air ingress. There are limited combustibles in the

front compartment, so the hood shall be kept closed to control the flames, which is conducive to firefighting).

- Dial (fire emergency number) to notify the authorities and insurance company.
- After the fire brigade put out the fire, ask them for a rescue certificate and statement of fire cause.
- After the accident, contact the insurance company in time for post-accident handling.

REMINDER

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

Vehicle Wading into Water

- The depth of water must be ascertained to ensure it will not exceed the lower edge of the vehicle body.
- Before driving through a waterlogged road section, turn off the A/C. Then gently press and hold the accelerator pedal to drive through the section at a slow and steady speed.



- Drive carefully as driving through deep water may wet the brakes. After driving through the flooded area, press the brake pedal several times continuously and gently to evaporate the water on the brake disc, so as to restore normal braking performance as soon as possible.

WARNING

- If there is any water or mud on the brake disc, it may result in delayed brake reaction and extended braking distance, so attention should be paid to preventing accidents.
- Avoid emergency braking as much as possible after driving through waterlogged road stretches.
- If the vehicle is running on a low-lying and waterlogged road, prevent water from entering the drive motor. Otherwise, the motor will be seriously damaged. The resulting vehicle fault and damage may not be covered by the warranty.
- Passing through waterlogged road sections may also cause serious damage to the vehicle's drive system, driving system, and electrical system. The resulting vehicle fault and damage may not be covered by the warranty.

Influence of water ingress on high-voltage components

- High-voltage components are electronic devices. After vehicle wading, air drying or sun drying for high-voltage components cannot ensure complete evaporation of internal moisture. Water ingress may greatly affect the insulation of high-voltage components. In addition, many conductive substances contained in water may cause internal short circuits of high-voltage components or high-voltage systems. In this case, the safety and service performance of the vehicle may be seriously affected.
- Water ingress into high-voltage components has a severe impact on the product's IP rating, ability to withstand voltage and other areas of performance, which poses great safety risks. Should this occur, contact a BYD authorized dealer or service provider immediately.

Starting and Driving

Starting the Vehicle

Preparation before driving

- Check the surroundings of the vehicl before getting on the vehicle.
- Adjust the seat position, seat backrest angle, seat cushion height, head restraint height, and steering wheel angle and height.
- Adjust the rearview mirrors.
- Make sure all doors are closed.
- Fasten the seat belt.

Safety inspection before driving

General Exterior Iinspections of Vehicle

- Tire: Check tire pressure and carefully inspect tires for any cut, damage, foreign material, anomaly, and excessive wear.
- Lug nuts: Ensure all nuts are fitted and tightened.
- Lighting: Verify that headlights, parking lights, position lights, turn signals, and other lights are all working. Check headlight intensity.

General Interior Inspections of Vehicle

- Seat belt: check whether the buckle can be fastened. Confirm that the seat belt is not worn or scratched.
- Instrument cluster: confirm that the maintenance indicator, instrument cluster lighting and defroster work normally.
- Brake pedal: confirm that the brake pedal has enough space for movement.

Inspections Inside the Hood

- Spare fuses: Verify that spare fuses of all rated charges in the fuse box are available.
- Coolant level: confirm that the coolant level is correct.
- Brake fluid level: confirm that the brake fluid level is correct.
- Low-voltage battery and cables: Check connectors for any corrosion or looseness and any cracks in the battery housing.

Starting the vehicle

In normal cases, start the vehicle as below:

- Engage the parking brake firmly.
- Turn off all unnecessary lights and accessories.
- Place the gearshift lever in the “P” or “N” position.
- Place the smart key or NFC (smartphone) key in the front phone slot inside the vehicle.
- Press the START/STOP button while pressing and holding the brake pedal.
- The vehicle is ready to drive when the OK indicator lights up on the instrument cluster.

The Vehicle Cannot Power on When:

- When pressing the Start/Stop button, if the intelligent key system indicator lights up, the vehicle horn makes a sound, and the information display screen of the instrument cluster displays "No key detected", it indicates that the electronic intelligent key is not

in the vehicle or cannot be detected due to interference.

- Even if the electronic intelligent key is inside the vehicle, the vehicle may not be started either when the key is on the floor, in the cup holder, in the boot, or in the right glovebox.

Starting the Vehicle in Emergencies:

- Engage the parking brake firmly.
- Turn off all unnecessary lights and accessories.
- Place the gearshift lever in the P or N position.
- Ensure the vehicle is powered off.
- The electronic smart key is in the vehicle.
- Press and hold the START/STOP button for more than 15 seconds to start the vehicle.

REMINDER

- Do not touch the power button while driving.

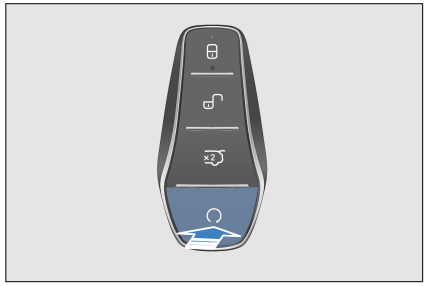
Check after starting

- Instrument cluster: confirm that the maintenance indicator and speedometer work normally.
- Brake: test the vehicle in a safe place to determine whether the vehicle deflects toward any direction during braking.
- Other abnormalities: check for loose parts, leakage and abnormal noise.

Remote Start

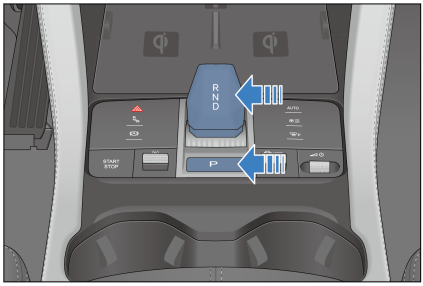
Remote Start with the Electronic Smart Key

1. Press and hold the start/stop button on the intelligent key to start the vehicle. After the vehicle is started successfully, the turn signals flash 3 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. After the successful start, press and hold the start/stop button on the intelligent key to shut down the engine and power off the vehicle, and the turn signals flash twice.



Gearshift control panel

- Gear positions are marked on the gearshift panel, as indicated by the upper arrow in the figure.
- "P": Park. Press the button, indicated by the lower arrow in the figure, to park the vehicle. This gear shall be engaged before the vehicle is started or after the vehicle is parked. Start the vehicle and press the brake pedal to shift the lever from P to another position.



CAUTION

- To ensure safety, depress the brake pedal before shifting out of P gear and shifting into R gear.
- To avoid damaging the transmission, press the P gear button only after the vehicle has come to a complete stop.

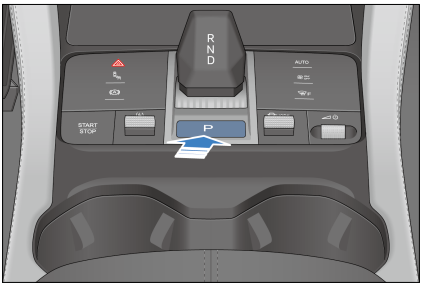
- "R": Reverse. Shift to R only after the vehicle stops.
- "N": Neutral. Use it for temporary parking or towing. However, the driver must ensure that the transmission is shifted to P before leaving the vehicle.
- "D": "D": Drive. Use it for normal driving.
- After successful gear shifting, release the gearshift lever, and it automatically returns to the central position.
- The transmission can be shifted to D/R only when the ignition is on.
- Press the brake pedal to shift out of P or to D/R.

WARNING

- If the motor is shut down, do not move the vehicle after shifting to the "N" gear to avoid accidents due to insufficient braking force.
- 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.
- During driving, do not press the accelerator pedal while shifting gears to avoid accidents.
- To avoid accidents, do not shift the gearshift lever to the "R" gear or press the P button during driving.
- Do not drive the vehicle down a slope when it is in the "N" gear, even if the motor is not running.
- To prevent the moving of the vehicle, pull up the EPB after the vehicle stops stably and press the P button.

Electronic Parking Brake (EPB)

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



Engaging EPB Manually

When the vehicle is stationary and not in "P" gear, the user can pull down the shortcut bar → electronic parking brake

through PAD to trigger the electronic parking switch, and the EPB will apply appropriate parking force. The indicator light Ⓟ on the instrument will flash first, and then it will be on, indicating that the EPB has been started, and there is a text prompt "electronic parking has been started".

CAUTION

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

Engaging EPB Automatically

This function is designed to improve the vehicle safety. Excessive reliance on or frequent use of the function is not recommended. To ensure safety, make sure that the transmission is shifted to P or the EPB is engaged before leaving the vehicle.

- Switching the power from OK to OFF engages the EPB automatically. The indicator Ⓟ on the instrument cluster lights up.
- Press the brake pedal to stop the vehicle and shift into Park. EPB is engaged automatically. Do not release the brake pedal until the indicator on the instrument cluster Ⓟ stops flashing and becomes steady on and the "EPB activated" message is displayed.
- Press the brake pedal to stop the vehicle and shift into Park. EPB is engaged automatically. Do not release the brake pedal until the indicator on the instrument cluster Ⓟ stops flashing and becomes steady on and the "EPB activated" message is displayed.

Automatic EPB Release upon Vehicle Start

- When the vehicle is parked, start the vehicle, press and hold the brake pedal, and shift to D or R from P or N to automatically release EPB. The indicator goes out, and a text prompt reading "EPB released" is displayed.

CAUTION

- The brake pedal must always be pressed when shifting gears. Release the pedal only after the intended gear is displayed on the cluster.
- Within several seconds after the vehicle is started, the EPB system performs a power-on self-test (POST). In this process, the EPB system does not respond to any operations.

- When the vehicle is in D or R after start and EPB is engaged from the touchscreen, slowly press the accelerator pedal to a certain extent to automatically release EPB. The indicator Ⓟ goes out, and a text prompt reading "EPB released" is displayed.

Emergency Braking When Brake Pedal Fails

During driving, if the brake is blocked or fails, press the "P" gear switch continuously for more than 2 s to realize emergency braking.

WARNING

- EPB forced braking should be avoided as far as possible. Emergency braking should only be enabled in emergency

WARNING

situations such as foot brake failure or brake pedal obstruction.

- Because EPB cannot exceed the physical limit of road adhesion, using the emergency braking function when passing through curves, dangerous roads, and traffic congestion sections, or driving in severe weather conditions may cause the vehicle to drift, slip or deviate, so attention should be paid to avoid accidents.

CAUTION

- In order to ensure the safety of driving, it is necessary to avoid using the "P" gear switch for emergency braking during normal driving. In case of emergency situations such as failure of the power-assisted brake or blockage of the brake pedal, the driver must always maintain control of the vehicle and use the emergency braking function under normal driving conditions.

EPB System Indicator

- When the vehicle is powered on, if the EPB is engaged, the indicator (P) on the instrument cluster stays on.
- When the power of the vehicle is turned off, if the EPB is turned on, the indicator light on the instrument will turn off after a few seconds.
- When the vehicle is powered on, the EPB system starts self-check. (!) turns on and then turns off in about three seconds. If it does not, the EPB or braking system may be faulty. Contact a BYD authorized dealer or service provider immediately.

EPB Operating Sound

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

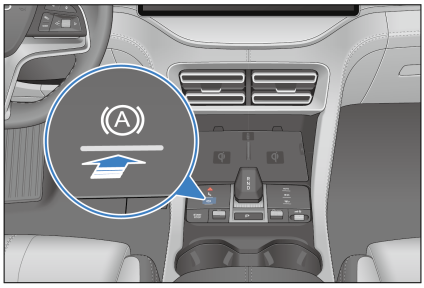
WARNING

- 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 Electronic Parking Brake (EPB) switch must not be operated when the vehicle is moving to prevent severe accidents.
- When the EPB is released, press the brake pedal as much as possible to prevent the vehicle from sliding and causing gear jamming when the EPB cannot provide sufficient parking force.

Automatic Vehicle Hold (AVH)

Automatic vehicle hold (AVH) is a feature designed to hold the vehicle stationary when it comes to a stop, under conditions such as getting stuck in traffic or waiting at a traffic light. AVH automatically activates when the brake pedal is pressed to stop the vehicle (vehicle speed decreases to zero) on the premise that the conditions for AVH standby state are met.

Press the AVH button to turn AVH on.



CAUTION

- To deactivate AVH and set it to the standby mode, press the accelerator pedal, shift to P, or engage EPB. This works even if the conditions for AVH standby state are not met.

AVH Standby Preconditions (All Must Be Met)

With the AVH function enabled:

- The driver seat belt is fastened.
- The driver's door is closed.
- The vehicle is started.
- The ESC system has no fault.

CAUTION

- The power-on AVH function is off by default. When it is on standby, the white Ⓐ indicator on the instrument cluster stays on.

Conditions for AVH function

- The AVH function is standby.
- The brake pedal has been pressed to bring the vehicle to a stop.
- After hard depressing of the brake pedal, the AVH function has been activated and the AVH indicator has turned green.
- The vehicle automatically requests that the EPB be engaged 10 minutes after AVH activation. After the EPB has been engaged, the AVH function returns to standby mode.

CAUTION

- For AVH to be activated, all conditions of automatic parking function must be met.
- AVH cannot be activated when the vehicle is in "R" gear.
- When you shift from "R" to "D" or "N", the system automatically enters slow-moving condition, in which AVH is deactivated. When the vehicle speed exceeds 10 km/h, it exits the slow-moving condition automatically.

Key Points for Driving

- Drive slowly against the wind to control the vehicle.
- When driving over a curb, please drive slowly and keep the correct angle as far as possible. Avoid driving on objects with high and sharp edges or other road obstacles. Otherwise, the tire may be seriously damaged.
- Slow down when driving on bumpy roads or rough roads. Otherwise, the impact may seriously damage the wheel.
- Washing the vehicle or driving through deep water may wet brakes. To check whether they are wet, first check surroundings for safety, and then gently press the brake pedal. If the braking force is not normal, the brake

may be wet and needs to be dried. Drive carefully and gently press the brake pedal when EPB is engaged from the touchscreen.

REMINDER

- Before driving, make sure that EPB is fully released and the EPB indicator is off.
- Do not leave the vehicle when the drive motor is running.
- Remember to bring the key when leaving the vehicle.
- Slow down when driving down long steep slopes. and avoid braking too frequently to prevent disc overheating, which affects brake performance.
- Drive with care when accelerating or braking on slick roads. Quick acceleration or sudden braking will cause the vehicle to skid or deviate.
- To avoid traffic accidents or even life-threatening injuries, make sure no one extends any body part out of any window when the vehicle is running. Stay vigilant, especially when any child is in the vehicle.
- Avoid driving through flooded areas as much as possible.
- Large amounts of water entering the engine compartment can cause damage to the power system and electrical components.

WARNING

- The driver shall ensure the safety of all passengers in the vehicle, guide them to properly use vehicle features, and prevent misuses by passengers such as children.

Winter Driving Precautions

1. Make sure the coolant is freeze-proof.

- Use coolant of the same type as the one used originally. Fill up coolant into the cooling system based on ambient temperature.
- Improper coolant will damage the cooling system.

2. Check the low-voltage battery and cable conditions.

The low-voltage battery's capacity is lower in cold weather, so they must be fully charged when winter comes.

3. Avoid the door lock frozen by ice and snow.

Spray some deicing agent or glycerin into the door lock hole to prevent icing.

4. Use washer fluid containing antifreeze.

- Such products are available in BYD authorized dealers or service providers and all auto parts stores.
- The mixing ratio of water and antifreeze shall comply with the manufacturer's instructions.

CAUTION

- Do not use antifreeze or other substitutes as washer fluid, which may damage the vehicle paint.

5. Avoid accumulation of ice and snow under the mudguard.

The accumulation of ice and snow under the mudguard may make steering difficult. When driving in cold winter, pull over the vehicle often to check whether

there is ice and snow accumulated under the mudguard.

6. It is recommended to carry several necessary emergency tools or items according to different road conditions.

It is advisable to have snow chains, window scraper, bags of sand and salt, flashing signal, a shevel and connecting cables in the vehicle.

Driver Assistance

Adaptive Cruise Control (ACC)

- Based on conventional cruise control, the adaptive cruise control (ACC) system is designed to actively control the vehicle' s speed for auto follow-up while cruising. This is done via a front mmWave radar and a multi-purpose camera which detect the vehicle's distance and speed relative to the vehicle ahead. The system switches between regular cruise control and ACC depending on whether there is a vehicle ahead.
- The cruise control button is used to set the cruise speed and the headway between this vehicle and the target vehicle ahead. 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).

Description of working state

- ACC standby:
  - After the system is turned on, it is in standby mode by default and can be activated through the driver's active operation. However, it is also possible that the vehicle does not meet the conditions for activation. In this case, the driver should actively check the vehicle to make it meet the activation conditions.  is then displayed on the instrument cluster (cruise speed is variable).
- ACC activated:
  - The system is in a normal working state. The vehicle can run at a fixed speed or automatically adjust the distance from the target vehicle ahead for stable following.  is then displayed on the instrument cluster (cruise speed is variable).
- State of cruise control acceleration:
  - When ACC is activated, the driver can press the accelerator pedal to accelerate, and ACC stops working until the driver releases the pedal.
- ACC failure:
  - ACC fails and cannot respond any operations. The ACC fault state indicator  on the instrument cluster lights up. It is recommended to contact a BYD authorized dealer or service provider.

Preconditions for ACC system activation

- EPB is released.
- The 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 on, but not activated yet.

- The vehicle speed is below 150 km/h (95 mph).
- Brake pedal is pressed at speed 0; or brake pedal is not pressed at speeds above 0.
- No vehicle network communication fault prompt is displayed on the instrument cluster.
- The AEB function is not activated.

How to use

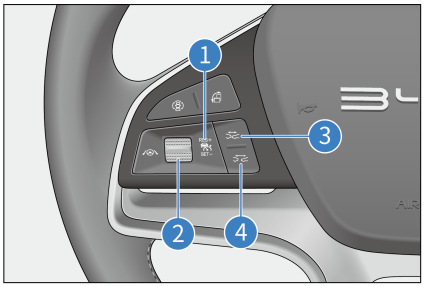
ACC buttons

① Adaptive Cruise Control (ACC)

② Multifunctional lever (pull up to increase or restore the cruise speed; pull down to decrease or set the cruise speed)

③ Reducing the following distance

④ Increasing the following distance



ACC activation/deactivation

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

Resetting ACC

- When the ACC system is on standby within the same ignition cycle, the system memorizes the last speed setting. Push up the lever ②to restore to the stored speed prior to exiting the cruise system.

Increasing/Decreasing target speed

- When ACC is activated, toggle the lever ② to set the cruise speed between 30 km/h and 150 km/h (20 mph and 95 mph). Toggle the lever ② up/down to increase/decrease the target speed in 5 km/h (5 mph) increments.

Exiting ACC

- During ACC activation, press the button ① again or the brake pedal to deactivate ACC and set it to the standby mode.

Setting Following Distance

- The driver is responsible for selecting a safe following distance.
- This ACC system can adjust the vehicle speed to maintain a proper distance from a target vehicle ahead in the same lane. The following distance (four levels), in direct proportion to the vehicle speed, is adjustable by buttons ③ and ④ on the steering wheel. The higher the vehicle speed, the greater the following distance.

Active Acceleration/Deceleration While ACC Is Activated

- When ACC is activated, press the accelerator pedal to increase the vehicle speed to reach the set target speed in advance, and the system enters a state of cruise control acceleration mode. When the vehicle is already traveling at the target cruise speed and the accelerator pedal is pressed, the vehicle returns to the target speed set before acceleration; if the brake pedal is pressed, ACC automatically enters standby status, and needs to be re-activated after the brake pedal is released.

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 stop time is between 30 seconds and 3 minutes, the driver needs to either press the accelerator pedal or pull up the lever ② to activate ACC.

System limitations

- The front mmWave radar and multi-purpose camera are positioned in the front area of the vehicle. If their fields of view are obstructed, certain functions may not operate as intended due to interference. If any of these sensors is blocked or covered, ACC directly deactivates and notifies so on the infotainment touchscreen. System function will recover after blockage is removed and the vehicle is restarted or runs for a while.
- Front mmWave radar sensors may have a transient function failure from limited detection if the vehicle runs under special conditions, such as circular ramps or tunnels, for an extended period. The function can be recovered by restarting the vehicle or driving on normal roads for a while.
- 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 ACC is properly set, the driver should make sure that the vehicle can be decelerated to a complete stop 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 front mmWave radars, making it malfunction.
- The front mmWave radar and multi-purpose camera may be affected by vibrations or collisions, resulting in compromised ACC performance. In this case, it is recommended to contact a BYD authorized dealer or service provider.

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.
- For safety, ACC cannot be activated when ESC is not turned on.
- The ACC is suitable for use on highways and roads in good conditions, rather

than on complex urban or meandering roads.

- It is the driver's responsibility to keep distance from the vehicle ahead. The ACC system's vehicle distance meets the minimum distance required in driving environments in the country.
- 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 or stops suddenly, resulting in a risk of late braking. In such case, 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. In this case, the driver must response. The system cannot give audio or visual warnings in every case.
- When enabled, ACC may apply braking if a vehicle in an adjacent lane is too close to the vehicle.
- Vehicles coming into the ACC vehicle's lane and within the detection range of its front mmWave radars 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 cross section of the target (a bicycle, four-wheeler, or pedestrian, for example) is too small, the system may not be able to establish its distance, resulting in either late or no response to those vehicles. In such cases, vehicle speed must be controlled by the driver. In addition, detection may also be affected or delayed by noise or electromagnetic interference.
- ACC cannot target vehicles with too small contact ratio, so the driver must keep control of the vehicle.
- When the vehicle stops as it follows a vehicle ahead, in rare cases, the system 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 driving on roads with poor visibility, ramps, and multiple curves, or slippery and wet roads with snow, ice, and water gathered.
- ACC cannot be activated when the vehicle is in any special driving mode (Trailer/Snow/Mud/Sand/Mountain mode).
- Make sure to go to a BYD authorized dealer or service provider for professional calibration and checking of front mmWave radars or the multifunctional video controller in any of the following situations:
  - The front mmWave radar, front bumper, front windshield or multi-purpose camera has been removed.

- Four wheels have been re-aligned due to wheel deviation;
- A collision happens;
- ACC system performance has degraded or the instrument cluster has prompted an system error.

WARNING

- ACC serves as a driver assistance function only, so the driver is 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) System

- The intelligent cruise control (ICC) system integrates ACC and lane centering control (LCC). With the speed range of 0 - 120 km/h, it helps to control the vehicle both longitudinally and transversely to reduce the driving burden and provide a safe and comfortable driving environment.
- When the function is enabled, the driver must always hold the steering wheel and control the vehicle when necessary.
- ACC maintains the vehicle at a constant speed or at a fixed distance to the vehicle ahead through longitudinal control.

Description of working state

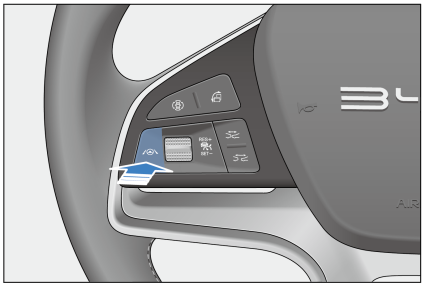
- ICC standby:
  - ICC is in standby mode by default and can be activated through the driver's active operation. However, it is also possible that the vehicle does not meet the conditions for activation. In this case, the driver should actively check the vehicle to make it meet the activation conditions. Then, the icon is displayed on the instrument cluster.
- ICC activated:
  - The system is in a normal working state. The vehicle can run at a fixed speed or automatically adjust the distance from the target vehicle ahead for stable following. Then, the icon is displayed on the instrument cluster.
- ICC failure:
  - ICC fails and cannot be used. The ACC fault state indicator on the instrument cluster lights up.

ICC Activation Conditions

- EPB is released.
- The vehicle is in D gear.
- The vehicle does not slide backwards.
- The trunk, hood, and all doors are closed.
- Driver seat belt is fastened.
- ESC system is turned on but not activated.
- Vehicle speed is not greater than 120 km/h.
- Brake pedal is pressed at speed 0; or brake pedal is not pressed at speeds above 0.
- No vehicle network communication fault prompt is displayed 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.

How to use

- Use the button on the steering wheel to activate or deactivate ICC. (When activated, ICC sets the current vehicle speed as the cruise speed by default. When the current speed is less than 30 km/h, the cruise speed is set to 30 km/h.)



- Refer to the use of ACC (see the previous chapter for details) for setting the cruise speed and following distance.
- You can also turn ICC on or off in → ADAS → Intelligent Driving. (If already enabled on the infotainment touchscreen, ICC can be turned off only when the vehicle is in Park.) When the vehicle is started, this switch defaults to the state before the last power-off.

Precautions

- ICC integrates ACC and LCC. Therefore, ACC function precautions must be followed during use (see the previous chapters for details).
- When ICC is turned on and activated at vehicle speeds between 0 km/h and 120 km/h:
  - If no lane lines are detected ahead, ICC suppresses its transverse control feature and only engages ACC. The ICC working status indicator on the instrument cluster turns gray.
  - If lane lines ahead are clear and identifiable, ICC automatically activates its transverse control feature. The ICC working status indicator on the instrument cluster lights up.
- ICC is designed to assist drivers, not replace them. Drivers must therefore always maintain control of the vehicle and never remove their hands from the steering wheel for extended periods of time. Otherwise, the system is deactivated after prompting the driver to take control of the vehicle.
- ICC is affected by the weather, lighting and clarity of lane lines. Performance degrades significantly in situations such as backlighting, sunsets, snow-covered roads, and severely damaged roads.
- Do not use the ICC system on winding roads with sharp turns, icy and slippery bends, or under weather conditions, such as dense fog, heavy rain and heavy snow, liable to hinder the sensing operation of front mmWave radars or the multifunctional video controller.
- ICC cannot be activated when the vehicle is in any special driving mode* (Trailer/Snow/Mud/Sand/Mountain mode).
- ICC cannot be used if:
  - the sensor is blocked;
  - the weather is bad;
  - Active safety function has been triggered.
  - Vehicle speed exceeds the specified range.
  - A sharp or continuous turn.

WARNING

- ICC is only for driver assistance. The driver is fully responsible for maintaining driving safety.
- ICC may fail due to factors such as unfavorable weather and road conditions.
- ICC may be automatically disabled should its turning capacity be exceeded when the vehicle is passing through a sharp bend. The driver must always pay attention to road conditions and ICC states.
- Use ICC based on your needs along with traffic and road conditions.

Predictive Collision Warning (PCW) & Automatic Emergency Braking (AEB)

- PCW and AEB use the front mmWave radar and multi-purpose camera to detect vehicles and pedestrians ahead. Once a collision risk is detected, the system emits audible and visual alarms to urge the driver to take avoidance measures, while also increasing the potential braking pressure to provide sufficient reaction time for the driver. If detecting increased risk of collision, the system automatically applies braking pressure to assist in collision avoidance or impact reduction.

Disabling/Enabling the System

- Enable or disable the PCW and AEB in → ADAS → Active Safety.
- PCW gives alarms in forms of audio, messages, and intermittent braking.
- When PCW is activated,  or  flashes, depending on the level of emergency, and a prompt message is displayed on the instrument cluster.
- When AEB is triggered,  and a prompt message are displayed on the instrument cluster.
- In the event of malfunction,  is displayed.
- If you disable AEB manually by pressing buttons,  is displayed.

PCW Activation Conditions

All of the following conditions are met

- This function has been enabled from the touchscreen.
- Vehicle speed is within the 16km/h-150km/h
- The vehicle is in Drive.
- The vehicle does not slide backward.

AEB Activation Conditions

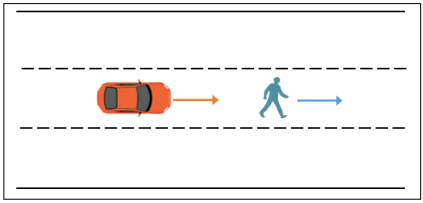
All of the following conditions are met

- This function has been enabled from the touchscreen.
- Vehicle speed is within the 4km/h-150km/h
- EPB is released.
- The 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 on, but not activated yet.

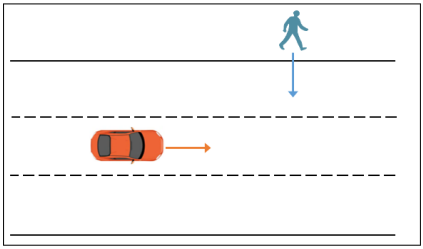
Function instructions

AEB may be activated in the following senarios, whether or not it can be activated depends on a variety of factors such as the self vehicle, the target vehicle and the environment, we have not listed all the AEB scenarios.

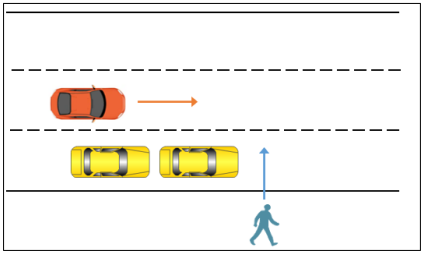
- For pedestrian scenarios
- When the vehicle detects pedestrians moving in the direction of the vehicle ahead, the AEB system will determine whether there is collision risk in real time. If there is a risk of collsion, the system will provide alarm and apply emergency braking to avoid or mitigate collision hazards.
- Limitations of AEB system: Due to the fact that the activation of the system is dependent on the environment, its own state and the state of the target, there is no guarantee that the system can active the emergency brake every time in this scenario.



- WWhen the vehicle detects pedestrians passing horizontally ahead, the AEB system will determine whether there is collision risk in real time. If there is a risk of collsion, the system will provide alarm and apply emergency braking to avoid or mitigate collision hazards.
- Limitations of AEB system: Due to the fact that the activation of the system is dependent on the environment, its own state and the state of the target, there is no guarantee that the system can active the emergency brake every time in this scenario.

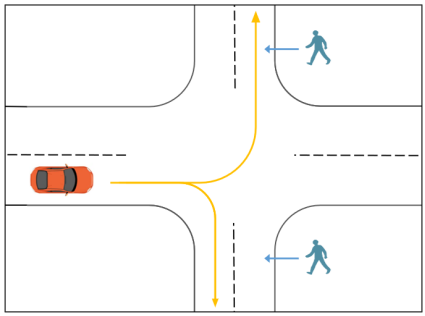


- In the case of visual field occlusion in front of the vehicle, AEB system will detect possible sideways pedestrians and determine whether there is collision risk in real time. If there is a risk of collsion, the system will provide alarm and apply emergency braking to avoid or mitigate collision hazards.
- Limitations of AEB system: Due to the fact that the activation of the system is dependent on the environment, its own state and the state of the target, there is no guarantee that the system can active the emergency brake every time in this scenario.

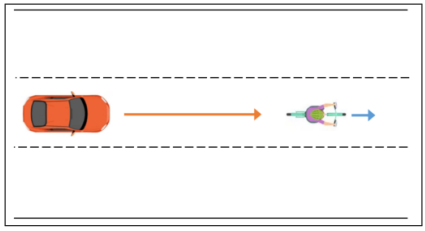


- When the vehicle turns and the system detects pedestrians crossing horizontally, the AEB system will determine whether there is collision risk in real time. If there is a risk of collsion, the system will provide alarm and apply emergency braking to avoid or mitigate collision hazards.
- Limitations of AEB system: Due to the fact that the activation of the system is dependent on the environment, its own state and the state of the target, there is no guarantee that the system

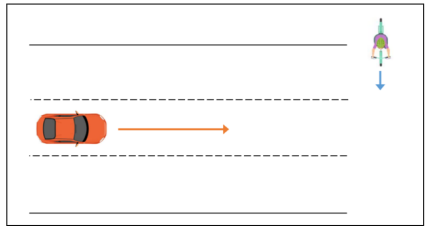
can active the emergency brake every time in this scenario.



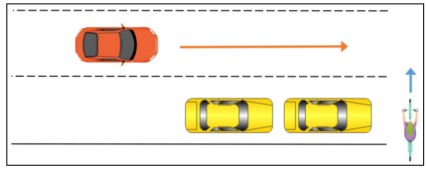
- When the vehicle detects that there is a two-wheeled bicycle moving at low speed in the driving direction, the AEB system will determine whether there is collision risk in real time. If there is a risk of collsion, the system will provide alarm and apply emergency braking to avoid or mitigate collision hazards.
- Limitations of AEB system: Due to the fact that the activation of the system is dependent on the environment, its own state and the state of the target, there is no guarantee that the system can active the emergency brake every time in this scenario.



- When the vehicle detects a two-wheeled bicycle passing horizontally ahead, the AEB system will determine whether there is a collision risk in real time. If there is a risk of collsion, the system will provide alarm and apply emergency braking to avoid or mitigate collision hazards.
- Limitations of AEB system: Due to the fact that the activation of the system is dependent on the environment, its own state and the state of the target, there is no guarantee that the system can active the emergency brake every time in this scenario.

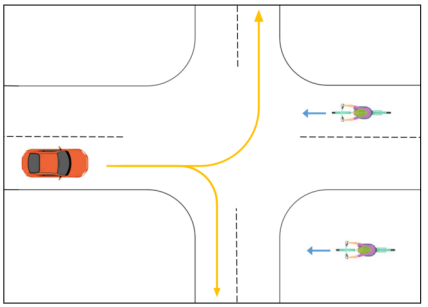


- In the case of visual field occlusion of the vehicle, AEB system will detect the possible horizontal crossing of two-wheeled bicycles and determine whether there is collision risk in real time. If there is a risk of collsion, the system will provide alarm and apply emergency braking to avoid or mitigate collision hazards.
- Limitations of AEB system: Due to the fact that the activation of the system is dependent on the environment, its own state and the state of the target, there is no guarantee that the system can active the emergency brake every time in this scenario.

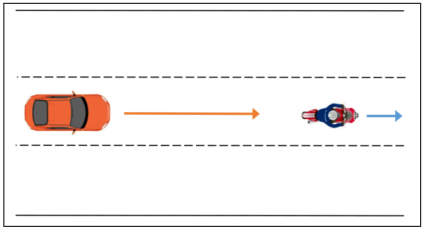


- When the vehicle turns and the system detects two-wheeled bicycles running in opposite directions, the AEB system will determine whether there is collision risk in real time. If there is a risk of collsion, the system will provide alarm and apply emergency braking to avoid or mitigate collision hazards.

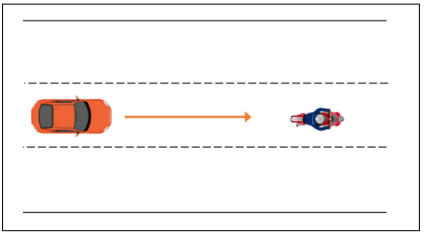
- Limitations of AEB system: Due to the fact that the activation of the system is dependent on the environment, its own state and the state of the target, there is no guarantee that the system can active the emergency brake every time in this scenario.



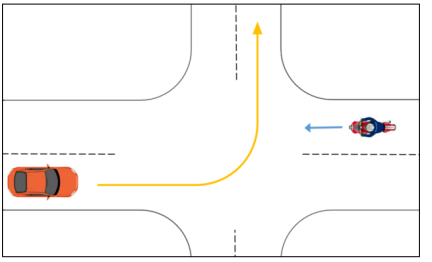
- When the vehicle detects that there is a two-wheeled scooter moving at low speed in the driving direction, the AEB system will determine whether there is collision risk in real time. If there is a risk of collsion, the system will provide alarm and apply emergency braking to avoid or mitigate collision hazards.
- Limitations of AEB system: Due to the fact that the activation of the system is dependent on the environment, its own state and the state of the target, there is no guarantee that the system can active the emergency brake every time in this scenario.



- When the vehicle detects a stationary two-wheeled scooter ahead, the AEB system will determine whether there is a collision risk in real time. If there is a risk of collsion, the system will provide alarm and apply emergency braking to avoid or mitigate collision hazards.
- Limitations of AEB system: Due to the fact that the activation of the system is dependent on the environment, its own state and the state of the target, there is no guarantee that the system can active the emergency brake every time in this scenario.

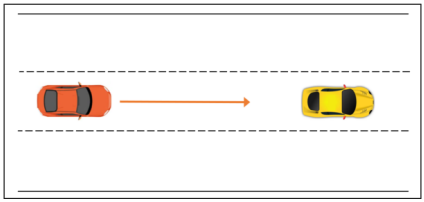


- WWhen the vehicle turns and the system detects the two-wheeled scooter running in the opposite direction, the AEB system will determine whether there is collision risk in real time. If there is a risk of collsion, the system will provide alarm and apply emergency braking to avoid or mitigate collision hazards.
- Limitations of AEB system: Due to the fact that the activation of the system is dependent on the environment, its own state and the state of the target, there is no guarantee that the system can active the emergency brake every time in this scenario.

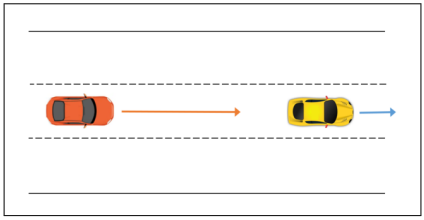


- For vehicle scenarios

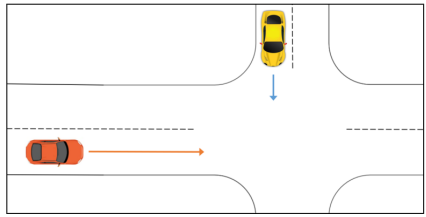
- When the vehicle detects a stationary vehicle ahead, the AEB system will determine whether there is a collision risk in real time. If there is a risk of collsion, the system will provide alarm and apply emergency braking to avoid or mitigate collision hazards.
- Limitations of AEB system: Due to the fact that the activation of the system is dependent on the environment, its own state and the state of the target, there is no guarantee that the system can active the emergency brake every time in this scenario.



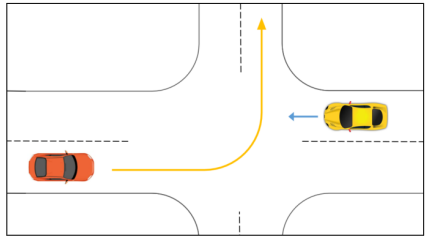
- When the vehicle detects that there is a vehicle driving at low speed or deceleration in the driving direction, the AEB system will determine whether there is collision risk in real time. If there is a risk of collsion, the system will provide alarm and apply emergency braking to avoid or mitigate collision hazards.
- Limitations of AEB system: Due to the fact that the activation of the system is dependent on the environment, its own state and the state of the target, there is no guarantee that the system can active the emergency brake every time in this scenario.



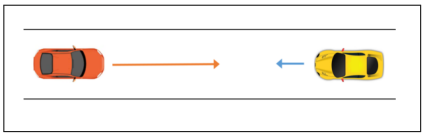
- When the vehicle detects a vehicle passing horizontally ahead, the AEB system will determine whether there is a collision risk in real time. If there is a risk of collsion, the system will provide alarm and apply emergency braking to avoid or mitigate collision hazards.
- Limitations of AEB system: Due to the fact that the activation of the system is dependent on the environment, its own state and the state of the target, there is no guarantee that the system can active the emergency brake every time in this scenario.



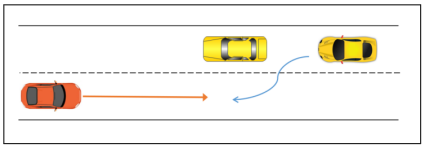
- When the vehicle turning system detects the opposite vehicle, the AEB system will determine whether there is collision risk in real time. If there is a risk of collsion, the system will provide alarm and apply emergency braking to avoid or mitigate collision hazards.
- Limitations of AEB system: Due to the fact that the activation of the system is dependent on the environment, its own state and the state of the target, there is no guarantee that the system can active the emergency brake every time in this scenario.



- When the vehicle detects an opposite retrograde vehicle ahead, the AEB system will determine whether there is a collision risk in real time. If there is a risk of collsion, the system will provide alarm and apply emergency braking to avoid or mitigate collision hazards.
- Limitations of AEB system: Due to the fact that the activation of the system is dependent on the environment, its own state and the state of the target, there is no guarantee that the system can active the emergency brake every time in this scenario.



- When the vehicle detects that there is a retrograde vehicle overtaking in front of it, the AEB system will determine whether there is collision risk in real time. If there is a risk of collsion, the system will provide alarm and apply emergency braking to avoid or mitigate collision hazards.
- Limitations of AEB system: Due to the fact that the activation of the system is dependent on the environment, its own state and the state of the target, there is no guarantee that the system can active the emergency brake every time in this scenario.



System limitations

- In certain environments, detection may be affected or delayed. For example, when the radar cross section of a target is very low (e.g., a bicycle, tricycle, four-wheeled carriage, electric bicycle or motorbike), the system may fail to detect the distance to the target ahead, resulting in a delayed or failed response.
- The system may be affected or give no response in the following cases:
  - 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.
  - Malfunction of front mmWave radars due to interference from other front millimeter-wave radar sources such as strong radar reflection in multi-story parking lots.
- In complex traffic, the system may be unable to properly respond to the following circumstances:
  - Pedestrians or vehicles are entering the sensor detection range fast.
  - Pedestrians are obscured by other objects.
  - The typical profile of pedestrians 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.
- Oncoming Traffic Scenario
  - For oncoming traffic,system will apply emergent brake automatically when detecting a possible risk of collision with oncoming vehicles.If an accident cannot be avoided, the system helps to reduce the collision speed.

Precautions

- The AEB 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.
- Be sure to drive safely and keep eyes on the surrounding traffic conditions. Under no circumstances shall AEB be used as a substitute for normal braking operation.
- Do not overly rely on the AEB 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.
- The AEB system cannot work normally when the ESC function is disabled or the fault light is on.
- If PCW gives an alarm, the driver must brake based on traffic conditions to decrease vehicle speed or steer away from obstacles.
- If the vehicle travels too close to the vehicle ahead for too long, a safety distance warning will be given. If the vehicle ahead brakes suddenly, collision may be unavoidable.
- The system will not trigger AEB when the driver is aware of an emergency warning, but turns the steering wheel, presses the throttle pedal hard or brakes hard.
- Front mmWave radar sensors may have a transient function failure from limited detection if the vehicle runs under special conditions, such as circular ramps or tunnels, for an extended period. The function can be recovered by restarting the vehicle or driving on normal roads for a while.
- Sometimes the surfaces of front mmWave radars or the multi-purpose camera are dirty or obscured by foreign objects, which may cause PCW and AEB to fail. At this point the user need to clean the dirt and foreign matter.
- 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.
- System failure may trigger wrong warnings or braking. This may be caused, for example, by the misalignment of the front mmWave radar or multi-purpose camera.
- The brake pedal becomes harder when AEB is triggered. A large amount of hydraulic pressure will be required to push the caliper in a short time and there will be a sizzling noise.
- The AEB system activates only after all doors are closed and all occupants are buckled up. The AEB system will fail to work if:
  - 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 accelerates or decelerates rapidly or turns the steering wheel quickly.

- System performance may be reduced in the following cases:
  - The front bumper is strongly impacted due to an accident or other reasons.
  - Tires are not properly inflated or excessively worn. Non-conforming tires are installed.
  - Snow chains are 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 front mmWave radar or multi-purpose camera in any of the following situations:
  - The front mmWave radar or multi-purpose camera has been removed.
  - Toe-in or rear camber has been adjusted during wheel alignment.
  - The position of front mmWave radars or the multi-purpose camera has changed after a collision.
- Do not attempt to test the AEB 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 serve as driver assistance functions only, so the driver is fully responsible for driving safety.

WARNING

- 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)

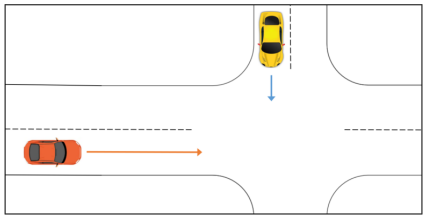
Front cross traffic alert (FCTA) and front cross traffic braking (FCTB) detects vehicles crossing the driveway at the front through millimeter wave radars on both sides of the front bumper to alert the driver and engage the brake if necessary. At low vehicle speeds, when the function detects a risk of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

Disabling/Enabling the System

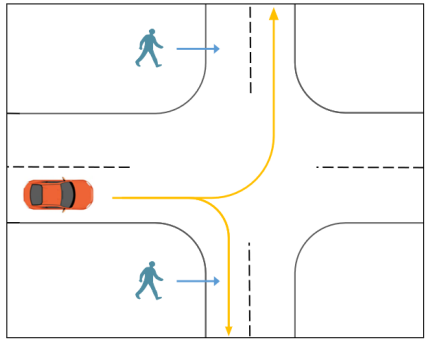
- To enable or disable FCTA and FCTB, go to → ADAS → Active Safety from the touchscreen.
- When FCTA is activated, the rearview indicator flashes and a chime sounds.
- When FCTB is activated, is displayed on the instrument cluster and a chime sounds, with AEB automatically braking the vehicle.
- In the event of FCTA/FCTB malfunction, the cluster displays .

Function instructions

- System may be activated in the following senarios, whether or not it can be activated depends on a variety of factors such as the self vehicle, the target vehicle and the environment, we have not listed all the scenarios.
- When the system detects a vehicle passing laterally in front of it when the vehicle is traveling at low speed, the system determines in real time whether there is a risk of collsion. If there is a risk of collsion, the system will provide alarm and apply emergency braking to avoid or mitigate collision hazards.
- Limitations of the system: Due to the fact that the activation of the system is dependent on the environment, its own state and the state of the target, there is no guarantee that the system can active the emergency brake every time in this scenario.



- When the vehicle turns at a low speed, when the system detects pedestrians crossing horizontally, the system will determine whether there is collision risk in real time. If there is a risk of collsion, the system will provide alarm and apply emergency braking to avoid or mitigate collision hazards.
- Limitations of the system: Due to the fact that the activation of the system is dependent on the environment, its own state and the state of the target, there is no guarantee that the system can active the emergency brake every time in this scenario.



Precautions

- While the 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 must ensure the normal operation of the system, keeping mmWave radars on both side of the bumper in good condition. For example, dirt, snow, or other obstructions need to be cleared right away.
- 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:
  - The vehicle coming from the side suddenly changes the lane.
  - The target vehicle is blocked.

- The radar reflection cross-sectional area is too small (e.g. bicycles, E-bikes, etc.).
- Bad weather, such as rain and snow.
- MmWave radars come off, are loosely installed, or are blocked.
- The vehicle encounters 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.
  - MmWave radars fail.
  - Vehicles coming from behind are detected too late at sharp turns, slopes, or other settings.
- Influence of vibration or collision on mmWave radar sensor calibration can degrade system performance. If this is detected, contact a BYD authorized dealer or service provider.

WARNING

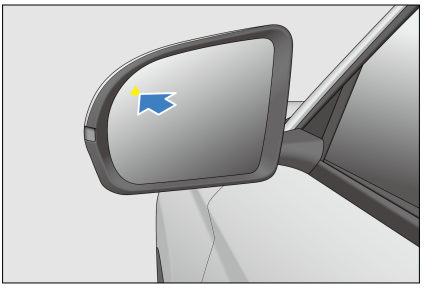
- FCTA and FCTB are only for driver assistance. The driver is fully responsible for maintaining driving safety.
- FCTA may fail and FCTB may fail to work or respond promptly due to factors such as unfavorable weather and road conditions.
- Use FCTA and/or FCTB based on your needs along with traffic and road conditions.

Blind Spot Assist System

The blind spot assist (BSA) system includes blind spot detection (BSD), door open warning (DOW), rear collision warning (RCW), rear cross traffic alert (RCTA) and rear cross traffic brake (RCTB). 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.

Blind Spot Detection (BSD)

- The alarm indicator on the corresponding external mirror lights up, when the vehicle is traveling at a speed within 15 km/h - 150 km/h and rear corner mmWave radars either detect an adjacent vehicle in the driver's blind spot, or a vehicle quickly approaching from an adjacent lane. 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.



Door Open Warning (DOW)

- DOW is realized with rear corner mmWave 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. When the driver attempts to open the door, the alarm indicator on the corresponding

external mirror flashes, and an audible alarm is also emitted.

Rear Collision Warning (RCW)

- At vehicle speeds between 5-146 km/h, if rear corner mmWave radar sensors detect a risk of collision with a vehicle approaching too quickly from behind on the current lane, the hazard warning light turns on to warn the driver in that vehicle against a possible collision.

Rear Cross Traffic Alert (RCTA)

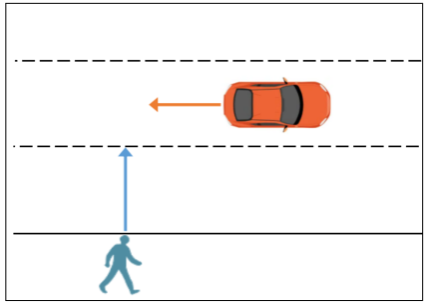
- When the vehicle is reversing at a speed no more than 15 km/h, the RCTA system detects the vehicles traveling in the blind spot at the back through rear corner mmWave radars. If the system determines that a vehicle approaching from rear side poses a risk of collision, the side mirror warning indicators flash and an audible alarm is given to alert the driver, reducing the possibility of collision.

Rear Cross Traffic Brake (RCTB)

- When the vehicle is reversing at a speed no more than 9 km/h, the RCTA system detects the vehicles traveling in the blind spot at the rear side through rear corner mmWave radars. If the system determines that a vehicle approaching from rear side poses a risk of collision, it performs emergency braking automatically.

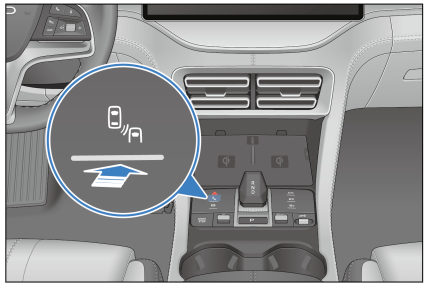
Function instructions

- RCTB may be activated in the following senarios, whether or not it can be activated depends on a variety of factors such as the self vehicle, the target vehicle and the environment, we have not listed all the RCTB scenarios.
- When the system detects a pedeatrian crossing laterally at the side and rear when the vehicle is backing up at low speed, the system determines in real time whether there is a risk of collsion. If there is a risk of collsion, the system will apply emergency braking to avoid or mitigate collision hazards.
- Limitations of the system: Due to the fact that the activation of the system is dependent on the environment, its own state and the state of the target, there is no guarantee that the system can active the emergency brake every time in this scenario.



Disabling/Enabling the System

- Enable or disable BSD, RCTA, RCTB, RCW, or DOW in → ADAS → Active Safety → Blind Spot Assist.



- 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,

 is displayed on the instrument cluster and blind spot assist will not be activated.

- If the blind spot assist system malfunctions,  is displayed.
- When the blind spot assist system is active,  is displayed, meaning that the function has been activated and can trigger alarms at any time.

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:
  - The vehicle approaching from behind changes its lane at the last moment.
  - Vehicles coming from behind are detected too late at sharp turns, slopes, or other settings.
  - The target vehicle is blocked.
  - A vehicle behind is running at a speed exceeding 80 km/h relative to the vehicle.
  - The turning radius is too small, or the vehicle is running in/out of a curve.
  - Bad weather, such as rain and snow.
  - Rear corner mmWave radar(s) come off, are loosely installed, or are blocked.
  - The vehicle encounters certain metal guardrails or similar road conditions.
  - Targets that may not be responded include, but are not limited to, pedestrians and animals.
  - The environment contains electromagnetic interference or other influences.
- The calibration of rear corner mmWave radars may be affected by vibration or collision, resulting in compromised BSA performance. If this is detected, contact a BYD authorized dealer or service provider.

Precautions

- While the BSA system provides assistance in monitoring blind spots of rearview mirrors, it cannot replace the driver's observation and judgment. The driver must keep control of vehicle at all times and drive properly and is fully responsible for the vehicle.
- BSD may fail to adequately exert the warning function when the target vehicle is approaching from behind very fast.
- The driver shall ensure that BSA can operate normally, keep the environment of rear corner mmWave radars in good condition, and timely clear any obstructions such as dirt or snow.
- BSD activates an alarm when irrelevant targets at the rear sides of or behind the vehicle (e.g., large roadside repair signs, large roadside billboards, reflectors in tunnels and other objects with high radar cross sections) are mistakenly detected as target vehicles.

WARNING

- Blind spot assist serves as a driver assistance function only, so the driver is fully responsible for driving safety.
- BSA may fail due to factors such as unfavorable weather and road conditions.

WARNING

- Use BSA based on your needs along with traffic and road conditions.

Lane Departure Assist (LDA)

The lane departure assist (LDA) system consists of lane departure warning (LDW) and lane departure prevention (LDP).

Lane Departure Warning (LDW)

- LDW detects lane lines up ahead through a multi-purpose camera. When the vehicle is traveling at a speed within 60 km/h - 150 km/h and the driver unintentionally drifts out of the lane, LDW warns the driver by an audible alarm, visual alarm, and/or steering wheel vibration.

Lane Departure Prevention (LDP)

- LDP detects lane lines up ahead through a multi-purpose camera. When the vehicle is traveling at a speed within 60 km/h - 150 km/h and the driver unintentionally drifts out of the lane towards the line, LDP activates and turns the steering wheel gently by providing reverse torque through the electric power steering (EPS) system, to prevent the vehicle from moving out of its lane.
- If LDP system is activated for over five seconds, it gives visual and audible alarms at the fifth second and continues until this activation ends. Alarm methods include acoustic alarm and optical alarm. If the system is activated twice or more within a continued 180-second cycle, the system alarms immediately. For the third activation (and any further ones), alarms are extended by at least 12 seconds.

Disabling/Enabling the System

- To enable or disable LDA, go to infotainment touchscreen → ADAS → Driving Assist → Lane Departure Assist System.
- There are three LDW modes: audible alarm, steering wheel vibration, and both.
- Either or both of the LDW and LDP functions are turned off and the meter displays the icon  .
- When the LDW function is activated, an alarm is given (the alarm modes are: (audio alarm, optical alarm and steering wheel vibration), and the corresponding virtual lane line on the instrument cluster will turn red.
- When the LDP function is activated, an alarm is given (the alarm modes are: acoustic warning, optical warning), and press one side of the line, the virtual lane line of the instrument will turn blue, and the HUD will display the icon  .
- In the event of malfunction,  is displayed on the cluster.

System limitations

- The LSS may detect incorrect or no lane lines in complex traffic. The following situations may lead to failure or performance degradation of the system:
  - The visibility is poor in snowy, rainy and foggy days.
  - The front windshield is dirty and foggy or there is an obstruction in front of the multi-function video controller.
  - Glare is caused by direct sunlight, reflections from accumulated water

on the road surface, incoming vehicles on the opposite lane, etc.

- Sudden changes in light, such as when the vehicle is entering or exiting a tunnel
- Lane lines obscured by tree shadows on roads in direct sunlight in sunny days.
- The boundary lines between the road and the side grass, soil or curb, etc. are unidentifiable.
- The function may be deactived automatically when the vehicle is on the narrow road to avoid the activated fuction from disturbing occupants.

Precautions

- LDW will be suppressed if the driver turns on the turn signals and changes lanes in the direction indicated by the turn signals.
- 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 crossings.
- LDW may be suppressed on slopes or winding roads when the vehicle travels too close to the vehicle ahead or the vehicle ahead blocks lane lines.
- 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 visual field of the multi-purpose camera is cracked, if the front windshield glass is dyed or coated in a manner that is not compliant with standards, if any reflective object is placed on the dashboard, or if any other object interferes with camera sight.
- For safety reasons, do not test LDW function on your own. The field of view of the multi-function video controller shall not be blocked by objects or interfered with by strong light. Transient obstruction of vision and bright light disturbance can temporarily deactivate the function, which can recover on its own when the field of vision becomes normal. If it fails to resume on its own, contact a BYD authorized dealer or service provider.
- It is recommended to turn LDA off when driving in any of the following conditions:
  - Driving in a sporty style
  - Severe weather conditions
  - 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 cause recognition difficulty or late function activation of the multi-purpose camera include, but are not limited to:
  - The multi-purpose camera comes off, is loosely installed, or is blocked.
  - The vehicle is running under extreme weather, such as rain, snow, or smog.
  - The multi-purpose camera is partially or completely blocked.

WARNING

- LDA serves as a driver assistance function only, so the driver must be fully responsible for driving safety.
- The lane departure alert may fail due to some factors such as weather and road environment.
- Please decide whether to use the lane departure alert according to personal needs, traffic conditions and road environment.

Emergency Lane Keeping Assist (ELKA)

The emergency lane keeping assist (ELKA) system detects lane lines up ahead through a multi-purpose camera. It also detects vehicles in adjacent lanes approaching from behind through rear corner mmWave radars. ELKA activates and provides reverse torque through EPS to keep the vehicle travel in the current lane, when the vehicle, at a speed within 50 km/h - 150 km/h, is about to cross the road shoulder or may collide with an oncoming vehicle or an overtaking vehicle in an adjacent lane for the driver deviated from the lane.

Disabling/Enabling the System

- Enable or disable this function in → ADAS → Driving Assist → Lane Support System (LSS).
- When ELKA activates, the instrument cluster display that flashes.
- When ELKA fails, the cluster displays .
- When ELKA is deactivated manually, the cluster displays .

System Limitations

- In a complex road traffic environment, ELKA may incorrectly or fail to detect lane lines. In the following cases, ELKA may not work or its performance may be significantly worsened:
  - The visibility is poor in snowy, rainy and foggy days.
  - The front windshield is dirty and foggy or there is an obstruction in front of the multi-function video controller.
  - Glare is caused by direct sunlight, reflections from accumulated water on the road surface, incoming vehicles on the opposite lane, etc.
  - Sudden changes in light, such as when the vehicle is entering or exiting a tunnel
  - Lane lines obscured by tree shadows on roads in direct sunlight in sunny days.
  - The boundary lines between the road and the side grass, soil or curb, etc. are unidentifiable.
  - The function may be deactived automatically when the vehicle is on the narrow road to avoid the activated fuction from disturbing occupants.

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 multi-purpose camera or late alarms include, but are not limited to:

- The multi-purpose camera comes off, is loosely installed, or is blocked.
- The vehicle is running under extreme weather, such as rain, snow, or smog.
- The multi-purpose camera is partially or completely blocked.

- Situations that may result in detection failure of mmWave radars or late alarms include, but are not limited to:
  - MmWave radar(s) come off, are loosely installed, or are blocked.
  - The vehicle is running under extreme weather, such as rain, snow, or smog.
  - The vehicle encounters certain metal guardrails or similar road conditions.

WARNING

- ELKA is only for driver assistance. The driver is fully responsible for maintaining driving safety.
- ELKA may fail due to factors such as unfavorable weather and road conditions.
- Use ELKA based on your needs along with traffic and road conditions.

Traffic Sign Recognition (TSR) System

The traffic sign recognition (TSR) system identifies speed limit signs through the multi-purpose camera and map*, 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.

Disabling/Enabling the System

- To enable or disable TSR, go to → ADAS → Driver Assistance → TSR from the touchscreen.
- When TSR recognizes the current traffic sign, the instrument cluster displays  .
- When TSR is unsure whether the speed limit value currently recognized is suitable for the current road environment, the cluster displays  .
- When there is no speed limit value for the traffic sign recognition system, the cluster displays .
- When TSR experiences reduced performance, the cluster displays  .
- When TSR experiences reduced performance and is unsure whether the speed limit value currently recognized is suitable for the current road environment, the cluster displays  .
- If the TSR system malfunctions, The cluster displays  .
- When TSR is disabled manually, the cluster displays  .
- The specific numbers displayed in the indicators depend on the actual traffic signs.
- TSR features a power-off memory function. When the vehicle is powered on again, TSR restores the speed limit state and value before the last power-off.

Precautions

- 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.
- If a weight limit sign is not standardized and does not meet the size requirements specified by the state, it may be misidentified as a speed limit sign by TSR.
- If a speed limit sign is unclear or distorted, inclined, reflective, partly blocked or covered, the camera may be unable to recognize the sign completely or clearly.
- The performance of TSR is influenced by weather, illumination level, and visual quality of road signs. Conditions such as night, backlighting, sunset, rain, fog, haze, snow and ice cover, surface dust, and sudden changes in brightness may result in reduced recognition capability or failure to recognize the speed limit signs.
- When a collision occurs on the vehicle or the camera sensor is reassembled, it is recommended to contact a BYD authorized service provider to calibrate the sensor to avoid affecting the performance of the system.
- Vehicles sold in Europe need to be networked for recognition of Traffic Jams, Construction Zones and Accident Ahead, provided that TSR supports the recognition of these signs. It is recommended to use the function under WiFi/hotspot connection (you can also turn on "TSR Mobile Data Switch", but this will bring traffic consumption, and if the traffic reaches the current month traffic limit, the function will not be used).

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 ISLC enabled, if the vehicle speed exceeds the value on a recognized speed limit sign, ISLC issues a prompt about whether to adjust the ACC cruise speed to the recognized speed limit. After confirmation (done by pulling down the ACC speed control lever) from the driver, ISLC automatically sets the ACC cruise speed to the recognized speed limit.
- This function is available at the 30~150 km/h (20~95 mph) speed range.

Disabling/Enabling the System

- To enable or disable ISLC, go to → ADAS → Driver Assistance → TSR → ISLC from the touchscreen.
- 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

- As ISLC integrates ACC and TSR, follow precautions relevant to ACC and TSR while using ISLC (see the previous chapters for details).
- ISLC is only for driver assistance. The driver must always maintain control of the vehicle.
- ISLC performance is affected by weather, lighting conditions and legibility of road signs. Conditions such as night, backlighting, sunset, rain, fog, haze, snow and ice cover, surface dust, and sudden changes in brightness may result in reduced recognition capability or failure to recognize speed limit signs.

WARNING

- ISLC only serves as a driver 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 Assist System

The High Beam Assist (HMA) system uses a multi-function video controller on the front windscreen to determine current driving conditions and, when the vehicle speed is above 35km/h, it automatically activated and switch between low and high beams.

Description of working state

- HMA standby:
  - When the function is enabled but not activated yet, the icon is displayed on the instrument cluster.
- HMA activated:
  - After being enabled, HMA is activated when the light switch is in Auto, necessary lighting conditions are met, and the vehicle speed is above 35 km/h. At this time, is displayed on the cluster.
- HMA failure:
  - When HMA fails, is displayed on the cluster.

Disabling/Enabling the System

- To enable or disable HMA, go to → ADAS → Driver Assistance from the touchscreen.
- With the function enabled, when you set the light switch to the auto lights position, 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

- HMA serves as an auxiliary feature for light control. It is recommended to use this function when driving at high speeds. However, HMA cannot completely replace the driver, and the driver shall always be mindful of proactively switching between high and low beams according to applicable road laws and regulations, as well as any changes in the road environment.
- When the vehicle is in a highly dynamic state, such as when ABS or ESC is activated, beam switching is suppressed.

- HMA is disabled when the ambient light is too strong, or when the driver turns on fog lights or turn signals, sets the wipers to high speed, reverses the vehicle, or turns the light switch to a non-Auto position.
- Even if HMA is working after activation, it may experience incorrect triggering or stop working due to inevitable environmental factors and conditions. Therefore, driver control is always necessary. Typical conditions are as follows:
  - The driver's stick operation to switch to the high beam is prioritized.
  - The vehicle is running in extremely unfavorable weather, such as heavy fog, heavy rain, or heavy snow.
  - 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 serves as a driver assistance function only, so the driver is fully responsible for driving safety.
- Influence of weather, road conditions, and other factors may cause HMA to fail.

WARNING

- Use AFL based on your needs along with traffic and road conditions.

Driver Attention Warning system

Driver attention warning (DAW) system recognizes the level of the driver fatigue based on the state of the driver's handling of the vehicle, such as steering wheel angle, braking, gearing and lane changing. When it recognizes the driver is in a state of fatigue, it will remind the driver through the instrument pop-up window and voice made to improve driving safety. The driver attention warning system is on by default after every power-up.

How to Use

With the vehicle powered on, set the multimedia→vehicle control → cockpit perception setting→ Driver Attention Warning (DAW). For safety considerations, the setting is valid on the current trip only, and will revert to the default mode on the next trip.

CAUTION

- The driver attention warning system is only an auxiliary system and is not capable of effective recognition and alarm-raising in all situations. It can not completely replace the driver's subjective observation and judgment. The driver must maintain control of the vehicle at all times, complying with all road laws and regulations, and taking full responsibility for the vehicle 。

WARNING

- The driver should pull over the vehicle as soon as possible when feeling tired.

Child Presence Detection (CPD)

After the vehicle is powered off, child presence detection is performed if any door is opened and then all doors are closed or locked. If child presence is detected, an alarm is given in the form of light flashing and honking. The A/C will be switched on soon after. To cancel the alarm, unlock or open any door.

How to use

- For setting, go to "Child Leftover Detection" section through the multimedia → vehicle control → cockpit perception setting interface.
- By default, the system is switched on each time when the vehicle is powered on.
- Tap “OFF” to deactivate the alarm in this trip.
- Tap “Delay” to extend the alarm (for five minutes) in this trip.

System Response

- If life presence is detected, the initial alarm (light flashing and honking) starts within 10 seconds and will last for about six seconds.
- If not canceled, the alarm (light flashing and honking) escalates within 90 seconds and will last for about 25 minutes.
- The A/C will be switched on three minutes after alarm escalation if it is not canceled, and will keep running for about 30 minutes.

WARNING

- While light flashing, honking, app message prompts, and A/C operation reduces the harm to the child(ren) in the vehicle, they cannot completely prevent harms.
- When a reminder is provided, check whether any child has been locked inside the vehicle promptly to avoid further harms.

CAUTION

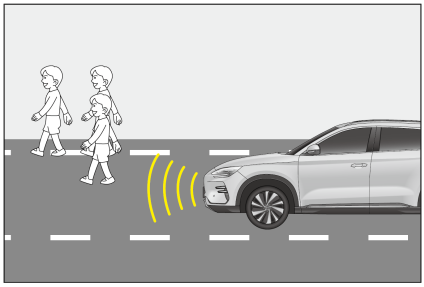
- Misidentification or false alarm could happen.
- The alarm may be given for adults, children, pets, or other lives detected.
- The alarm cannot be canceled by unlocking the vehicle from the app.
- The system may not be able to trigger an alarm or switch on the A/C if the SOC is low. Keeping the vehicle at high SOC is recommended.

Acoustic Vehicle Alerting System (AVAS)

The acoustic vehicle alerting system (AVAS), also known as the "engine sound simulator", is designed to alert nearby pedestrians by making a warning sound when the vehicle is traveling at a low speed.

- When the vehicle runs at a low speed, it will make proper alerting sound to alarm the pedestrians.
- During driving forward:

- When the vehicle speed is between 0 km/h - 20 km/h (inclusive), the alerting sound grows louder as the speed increases.
- When the vehicle speed is between 20 km/h - 30 km/h (inclusive), the alerting sound grows quieter as the speed increases;
- When the vehicle speed is above 30 km/h, the alerting sound stops automatically.



- When the vehicle is reversing, a continuous warning sound is given out.

Disabling/Enabling the System

- The engine sound simulator can generate "Audio-visual" sound, which can be set via → Vehicle Settings → Smart Reminder from the touchscreen.

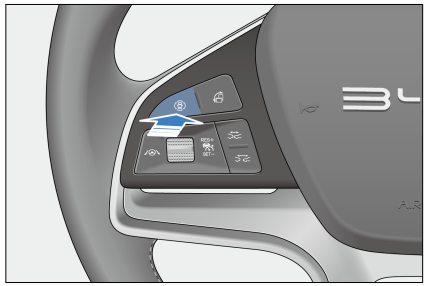
WARNING

- The AVAS can only be turned off when pedestrians are unlikely to approach the vehicle (for example, in a traffic jam or on an expressway). The system must be turned on whenever pedestrians are likely to be around the vehicle.
- If the vehicle is running at low speed with AVAS turned off, it is unable to alert pedestrians to the vehicle approaching, decreasing vehicle safety.
- 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 a window, then drive in R gear and check whether you can hear an audible prompt 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 System

Opening mode and description of operation interface:

- Activation method:
  - To access the panoramic view, press on the steering wheel.



- Alternatively, tap the vehicle view button on the touchscreen.
- Shifting to R can forcibly start the panoramic view system.



- Operation interface:
  - To access the front, rear, left, or right view, tap the corresponding button on the panoramic view interface;
  - Transparent panoramic view: Tap the body view transparency button in the bottom left corner to activate the transparent or non-transparent mode.
  - 2D panoramic view: Tap the 3D button in the bottom left corner (the button turns gray) to access this view.
  - 3D panoramic view: Tap the 3D button in the bottom left corner (the button lights up) to access this view.
- Non-transparent panoramic view: Tap the button and wait for it to turn gray (as shown), the non-transparent panoramic function is activated.
- Transparent panoramic view: Tap the button and wait for it to turn gray (as shown), the transparent panoramic function is activated.
- 3D panoramic view: Tap the button and wait for it to turn gray (as shown), the 3D panoramic function is activated.
- 2D panoramic view: Tap the button and wait for it to turn gray (as shown), the 2D panoramic function is activated.
- Front view: Tap the button and wait for it to highlight (as shown), the front view is activated.
- Rear view: Tap the button and wait for it to highlight (as shown), the rear view is activated.
- Left view: Tap the button and wait for it to highlight (as shown), the left view is activated.
- Right view: Tap the button and wait for it to highlight (as shown), the right view is activated.
- 2D left & right view: Tap the button and wait for it to light up (as shown) to switch to this view from any other 2D panoramic view. If the left & right view is already displayed, no change occurs.

WARNING

- The panoramic view system can provide transparent panoramic view to show the image below the vehicle. This function is only for assisting in observation of area below the vehicle during parking/driving. Investigation of foreign objects below the vehicle and dangerous situations should be carried out in any other manner to ensure the safety of personnel and the vehicle.

WARNING

- When the vehicle runs at a low speed, the transparent panoramic view function is affected by speed fluctuation or multiple stops, so there will be misalignment between the images below the vehicle and that outside the vehicle.
- 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.
- This system uses wide-angle fisheye cameras, so the object on the display screen may appear somewhat deformed in comparison with the actual object.
- 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 automatic vehicle monitoring screen may be different from the distance perceived subjectively, especially when the object is closer to the vehicle. Assess the distance in various ways.
- Cameras are installed above the front grille, side mirrors, and the rear license plate. Make sure the cameras are unobstructed.

WARNING

- To prevent affecting the performance of cameras, avoid directly washing these cameras when washing the vehicle body with high-pressure water gun. Wipe any water or dust off the camera in time.
- Protect the cameras from any impact to prevent damage or malfunction.
- After the vehicle is powered on, if you press the panoramic view start button or shift into reverse while the multimedia system is not fully activated, the output on the panoramic view screen will be delayed or the screen will flash. This is a normal part of the camera power-on process.
- After the vehicle starts, the image before last power-off is displayed on the invisible panoramic view interface. At this time, the foreign matters under the vehicle and in the surrounding blind spots may be inconsistent with the actual situation. 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.

Parking Assist System

- During vehicle parking, the parking assist system (PAS) detects obstacles by sensors, and prompts the driver with the proximity of an obstacle by a distance indicator on the touchscreen and an alarm emitted through the speaker.
- PAS is a way to help reverse the vehicle. The driver should observe the surroundings while reversing.

- When the vehicle is shifted to R, the touchscreen automatically displays a reverse image. The area shown varies with the vehicle's direction and road conditions
- PAS is only for parking assistance. Do not rely too much on it. Make sure that there is enough space before reversing.

REMINDER

- The reversing safety line is for distance reference only when the vehicle is unladen.
- For your driving safety, when the reversing image is displayed, all buttons will be disabled except some volume and phone related buttons.

- After reversing ends, the interface will be restored.

WARNING

- The parking assist system ceases to operate when the vehicle is moving forward at over 10 km/h.
- Do not place any articles within the sensors' working range.
- Do not clean any sensor with water or steam, as doing so may ruin the sensor.

Parking Radar Switch

- To activate or deactivate the parking assist system (PAS), go to → ADAS → Parking Assist → Parking Radar from the touchscreen.
- When the power position is "OK", the parking aid system is automatically turned on.
- When the parking assist system is enabled, the vehicle is not in Park, and the EPB and AVH are released, the obstacle detection mode of the parking assist system is enabled. When enabled, the system raises an alarm if obstacles are found surrounding the vehicle; when disabled, it does not.

Sensor Type

- When a sensor detects an obstacle, the corresponding image is displayed on the touchscreen based on the orientation of the obstacle and the distance between the vehicle and the obstacle.
- Sensors can measure the distance between the vehicle and nearby obstacles in parallel or reverse parking. The measured distance is then displayed on the touchscreen and an alert is sounded by the speaker. When using the system, be sure to pay attention to surroundings.

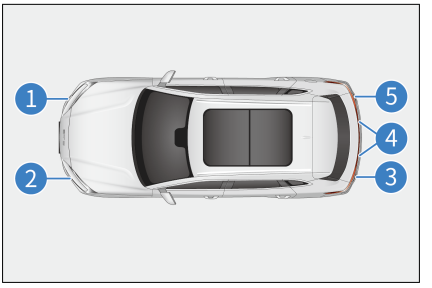
① Front right corner sensor

② Front left corner sensor

③ Rear right corner sensor

④ Rear left and right center sensors

⑤ Rear left corner sensor

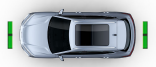
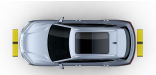


Distance Sensor Alarm

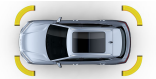
When the sensor detects an obstacle, the multimedia touchscreen displays

the orientation of the obstacle and the approximate distance between the vehicle and the obstacle, and the speaker may beep.

Working Examples of Central Sensor

Approximate Distance (mm)	Display examples on the multimedia display screen	Alarm Sound
About 700 to 1,200		Slow
About 400 to 700		Fast
About 200 to 400		Constant beeping

Working Example of Corner Sensors

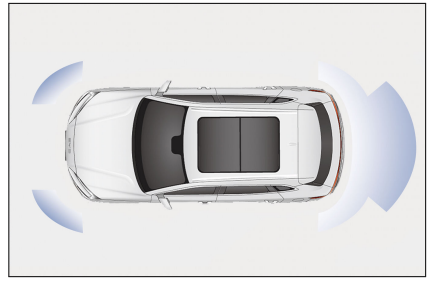
Approximate Distance (mm)	Display examples on the multimedia display screen	Alarm Sound
About 400 to 600		Fast
About 200 to 400		Constant beeping

Note: 0~200m is the blind spot range of the system. For the poor detection accuracy and inaccurate alarm information, the alarm prompts in 0~200m are for reference only.

Working Sensors and Their Detection Range

All sensors work when reversing.

The detection range of the sensor is shown in the figure. The above detection range is limited. Before reversing, check the surroundings of the vehicle and then slowly reverse.



Error message

Failure of the reversing radar system is indicated by a message on the instrument cluster and a beep.



WARNING

- The sensors may fail to detect obstacles that are very close to the vehicle.
- The parking assist system is only for assistance, and is not a substitute for personal judgment. Be sure to operate the vehicle based on your observations.
- Sensors will not work properly if accessories or other objects are placed within their detection range.
- In some cases, the system cannot operate properly and will fail to detect certain objects as the vehicle approaches them. Therefore, be sure to observe the vehicle's surroundings at all times. Do not rely solely upon the system.
- Contact a BYD authorized dealer or service provider for inspection as soon as possible in the event of the fault prompt.

Sensor Detecting 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 on the sensor or it is frozen.
  - The sensor is masked in any way.
  - The vehicle is significantly tilted or excessively overloaded.
  - The vehicle is moving on particularly bumpy roads, slopes, macadam or grass.
  - The sensor has been repainted.
  - It is very noisy in the vicinity of the vehicle due to the sound of vehicle horns, motorbike engines, the screech of brakes of large vehicles, or ultrasounds.
  - There's another vehicle equipped with parking assist system nearby.
  - The vehicle is fitted with a towing ring.
  - The bumper or sensor is strongly impacted.
  - The vehicle is approaching a high or zigzag curb.
  - The vehicle is in the hot sun or severely cold weather.
  - The installed suspension is not original and lower than the original ones.
- In addition to the above, the sensor may not be able to correctly determine the actual distance of some objects due to their specific shape.
- The shape and material of the obstacle may prevent the sensor from detecting it. Pay special attention to the following obstacles:
  - Electric wires, fences, ropes, etc.
  - Cotton, snow and other materials that absorb radio waves.
  - Oobject with sharp edges and corners.

- Low obstacles.
- High obstacles with the upper part extending outward towards the vehicle.
- Object under the bumper.
- Object too near the vehicle.
- People in the vicinity of the vehicle (depending on the type of clothing).

- When the touchscreen displays an image or the speaker emits a chirping sound, it indicates that the sensor detects an obstacle or experiences external interference. If this persists, it is recommended to have it serviced at a BYD authorized dealer or service provider.

CAUTION

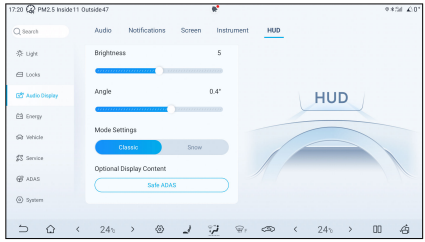
- To prevent sensor malfunction, do not rinse or apply steam to the sensor area.

Head-up Display (HUD)*

Head-up Display (HUD)*

HUD shows essential information (such as vehicle speed, speed limit, ACC, lane departure and BSD) that is projected outside the front windshield and reflected to the driver's field of view. This avoids frequent switching of eye focus and improves driving safety.

Users can turn on or off the HUD function through multimedia → sound display → HUD→ turn HUD On or Off.



- 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. The system defaults to previous settings when the vehicle starts.
- Height Adjusting: 21 levels of height adjustment (-10 to 10) for HUD virtual images (default level:
- Brightness Adjusting: 11 levels of bright adjustment (0 to 10) for HUD virtual images (default level:
- Whirling adjusting: 11 levels of angle adjustment for HUD virtual images (default level: 0°).
- Mode Setting: Select the classic mode (default) or snow mode according to the driving environment.
- Settings optional for display: Select driver assistance items to be displayed on HUD. All such items are displayed by default. To cancel an item, tap the corresponding button.

CAUTION

- Do not put articles on the head-up display.
- Wipe the dust on the dust-proof board with soft cotton cloth or paper towel.
- No water or other liquid is allowed to flow into the opening of the head-up display.

Tire Pressure Monitoring

Direct Tire Pressure Monitoring System (TPMS)

- The direct tire pressure monitoring system (TPMS) is an auxiliary system that monitors the tire pressure in real time, for the purpose of improving the driving safety and comfort while reducing the accelerated tire wear and additional vehicle energy consumption due to insufficient tire pressure.
- To view the tire pressure, press  on the steering wheel to enter the instrument cluster menu, switch to the driving information bar by ◁ or ▷ of  , and roll the roller of  .

System functions

1. Power-on alarm

The tire is already in a low pressure state when the vehicle is powered off. When the vehicle is powered on again, a low pressure alarm is given immediately to prompt the user to inflate the tire before driving.

2. Low tire pressure alarm

- When the pressure compensated by temperature of any one of the four tires is lower than 80% of the standard tire pressure and the system is running, the tire pressure fault indicator lights up and the tire pressure value turns yellow. It is advisable to stop the vehicle and check the corresponding tires for slow leaks and to inflate them to a reasonable pressure.
- When the tire pressure compensated by temperature is greater than 95% of the standard value, the low pressure alarm is canceled.

3. Abnormal signal alarm function

If there is a fault when the system is running, the tire pressure fault indicator flashes and then keeps on, and the instrument cluster displays "Abnormal Signal". Please check whether the corresponding tire pressure monitoring module is normal and whether it is in a strong electromagnetic field area for a long time, or whether the vehicle is equipped with electrical products.

4. Real-time display of tire pressure

When the TPMS is running, the pressure value of each tire is displayed.

Precautions

1. The service time of the tire pressure monitoring module is related to the daily driving distance and other related factors.
2. The tire pressure monitoring module transmits tire pressure and other information to the display regularly.Therefore, if the tire pressure suddenly drops or there is a flat tire, the monitoring module can only transmit data to the display in the next monitoring. Therefore, it may cause the driving to be out of control. If a damaged tire is accompanied by the monitoring module damage and thus no message can be sent, or if it is suspected that a tire has been damaged, stop driving immediately, instead of waiting for the display to send an alarm signal.
3. Incorrect installation of the tire pressure monitoring module affects the air tightness of the tires. It is recommended that the monitoring module be installed and replaced by professional technicians from a BYD authorized dealer or service provider according to the installation instructions.
4. When the tires are rotated or the tire pressure monitoring module is replaced, the entire tire pressure

monitoring system needs to be rematched, which is recommended to be performed by a professional technician from a BYD authorized dealer or service provider; otherwise, this system may fail.

5. Since tire pressure varies with regional temperatures, inflate or deflate the tires according to the values displayed on the instrument cluster and the standard tire pressure value.
6. TPMS features wireless transmission and its reception performance may be worsened in environments with severe interference.

WARNING

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

Driving Safety Systems

For better driving safety, the following driving safety systems works automatically based on driving conditions. However, it is important to remember that these systems are only auxiliary and should not be relied on excessively during driving.

Intelligent Power Braking System

The intelligent power braking system is an advanced decoupled electro-hydraulic braking system, incorporating vacuum booster, electronic vacuum pump, and ABS/ESC functionality. This system, based on the driver's braking demand, provides power assistance for braking when needed. It also features advanced control functions like ABS, electronic brakeforce distribution (EBD), traction control system (TCS), vehicle dynamic control (VDC), comfort stop (CST), and comfort regenerative braking system (CRBS) that enhance vehicle stability, comfort, and brake energy recovery efficiency.

VDC

When the vehicle turns suddenly while running, 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 normal lane, the VDC corrects the situation by engaging brakes to the corresponding wheels to help the driver control skidding and maintain directional stability.

TCS

TCS prevents drive wheels from slipping during acceleration by reducing the drive motor power. It also applies braking forces when necessary to prevent drive wheels from idling. It makes the vehicle easy to start, accelerate, and climb under adverse driving conditions.

WARNING

- TCS may not work effectively in the following situations:
  - When the vehicle is running on a wet and slippery road, TCS may be unable to control the direction and meet the power requirements, even if it is functional;
  - Do not drive in conditions where the vehicle may lose its stability and power.

HHC

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

Roll Movement Intervention (RMI)

When the vehicle turns, the roll movement intervention (RMI) system recognizes the threat of an impending rollover by monitoring the vehicle motion. In case of such threat, RMI applies braking forces to one or more wheels to avoid rollover.

CAUTION

- RMI is only an auxiliary function, which can not completely avoid the risk of rollover, and the driver should be responsible for the safety of the vehicle at all times.

HBA

When you press the brake pedal quickly, HBA detects 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.

CDP

Press and hold the P button to activate CDP. The vehicle brakes at a constant deceleration (of 0.4 g if only the P button is pressed and held, or 0.8 g if the P button and brake pedal are simultaneously pressed and held) until it comes to a stop. Release the P button to deactivate CDP.

Hill Descent Control (HDC)

- Working principle: The hill descent control (HDC), an added feature of the ESC system, is designed to improve vehicle comfort. HDC can be enabled or disabled with the HDC switch. the main function of which is to assist in uphill and downhill slow driving through active braking. When HDC is working, ABS is activated when the wheel slip exceeds the ABS triggering threshold, allowing you to safely and smoothly go downhill, or even reverse.
- Activate HDC:
  - When the vehicle speed is lower than 38 km/h, toggle the HDC switch upward to enable HDC, and the HDC state indicator on the instrument cluster stays on.
- HDC speed control:
  - HDC is functional when the vehicle speed is within 11 km/h - 38 km/h. In this case, press/release the accelerator pedal or brake pedal to adjust the speed. The pedal release determines the final speed. The HDC status indicator flashes to indicate that the HDC is working.
- Deactivate HDC:
  - Toggle the HDC switch downward to disable HDC, and the indicator on the instrument cluster goes out immediately.
  - HDC also automatically stops when the speed exceeds about 65 km/h.
- HDC malfunction:
  - In some special conditions, such as at a long stretches downhill, the HDC function may be temporarily unavailable due to high brake temperature.
  - A "Please check the HDC system" message is displayed for safety. To restore the function, stop the vehicle until the brake temperature cools down.

ESC operation instructions

- 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 the power output from the drive motor to wheels. In this case, you may need to turn off the system to get out of the jam.
- Turning off ESC
  - To turn off ESC, tap the ESC OFF button from the touchscreen. ESC also checks its operating 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.
  - After ESC is turned off, some of its deactivated functions will be enabled if either the ESC OFF button is pressed again or the vehicle speed exceeds the threshold of 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.

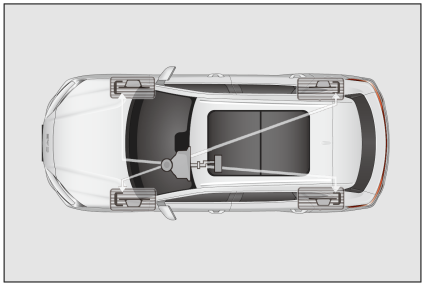
- ESC OFF switch mis-operation
  - ESC is considered to be mis-operated if the ESC OFF switch is pressed and held for more than 10 seconds. In that case, all internal ESC functions continue to work.
- Restarting ESC after the vehicle is powered off
  - When the ESC system has been turned off, restarting the vehicle will automatically restart ESC system.
  - The start of ESC is linked with the vehicle speed.
  - With ESC turned off, the vehicle can become highly unstable at a speed beyond 80 km/h, so ESC starts automatically in this case.
- ESC activated
  - If the ESC warning light  flashes, be sure to drive carefully, because careless driving may cause an accident. Exercise additional caution when the indicator is flashing.
- With ESC system disabled
  - Be careful when ESC is disabled, and drive at speeds suitable for road conditions. The ESC system ensures vehicle stability and its driving force. Never turn it off unless necessary.
- Tire replacement
  - Make sure all tires are of the same size, brand, tread, and total load. In addition, be sure to inflate tires to the recommended pressure.
  - Neither ABS nor ESC will work properly if the vehicle is fitted with different tires.
  - For details on tire or wheel replacement, it is recommended to contact a BYD authorized dealer or service provider.
- Tire and suspension handling
  - The use of any defective tire or modified suspension affects the driving safety system and may cause the system to fail.

Multi-Collision Brake (MCB) Function

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

Anti-lock Braking System (ABS)

- The ABS hydraulic system has two separate circuits. Each circuit passes through the vehicle diagonally (the front left wheel brake is connected with the rear right wheel brake, etc.) and acts. If one circuit fails, two wheels can still be braked.
- In case of a sudden brake or application of brake on a slippery road, ABS helps to prevent the wheels from locking or slipping, so that you can keep the steering control.



- 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 to prevent locking and, since rapid pulsating braking is much faster than human reaction, helps to maintain steering control.
- Do not press the brake pedal in a pulsating manner; otherwise, ABS may fail. When turning the steering wheel to avoid danger, always maintain strong and stable pressure on the brake pedal so that ABS functions.
- 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.

WARNING

- ABS cannot work effectively under the following conditions:
  - Tires used do not have a sufficient grip level (e.g., excessively worn tires are used on snow-covered roads);
  - The vehicle skids when driving at a high speed on slippery roads.
- ABS is not designed to reduce the braking distance of the vehicle. Always keep a safe distance from the vehicle ahead when:
  - Driving on muddy, sandy or snowy roads;
  - Driving on uneven roads or with multiple potholes;
  - Bumpy roads.

CAUTION

- 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 cannot reduce the time and distance required to brake 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 running on soft or uneven surfaces (such as gravel or snow),

CAUTION

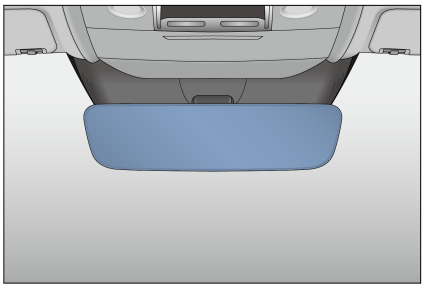
a vehicle with ABS may require a longer braking distance than a vehicle without ABS. In such cases, reduce the vehicle speed and keep a greater distance from other vehicles.

Other Main Functions

Interior Rearview Mirror

Automatic Anti-Glare*

The interior rearview mirror features an automatic anti-glare function. It can automatically adjust the lens color based on surroundings, effective to decrease the influence of glare on the driver's rear view.



WARNING

- Do not hang heavy objects on the interior rearview mirror, or shake or pull it vigorously.
- When the interior rearview mirror gets stuck, do not adjust it violently by hand, as this may cause it to fall off.

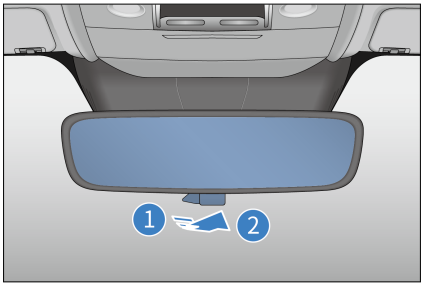
WARNING

- Do not adjust the rearview mirror while driving, as this may cause loss of vehicle control, accidents and occupant casualties.

Manual Anti-Glare*

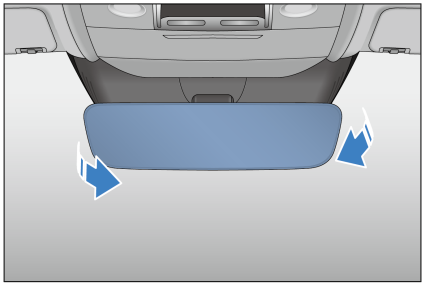
The interior rearview mirror can be adjusted to two positions, suitable for day and nighttime respectively. The nighttime driving position reduces the glare from vehicles in the rear.

- For daytime driving - adjust the control lever to position ①, where the image on the rearview mirror is the clearest.
- For nighttime driving - adjust the control lever to position ②. Remember that rear view image clarity decreases when glare is reduced.



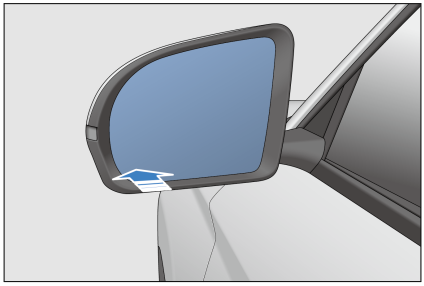
Manually Adjusting the Mirror

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



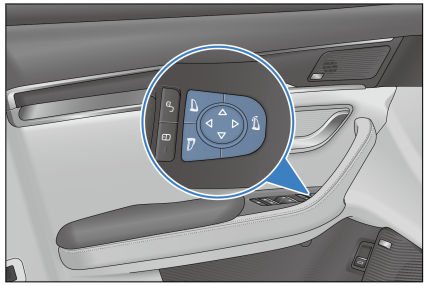
Electric Side Mirrors

The driver can adjust the electric external rearview mirror via its switch to a position where the driver can just see the side of the vehicle in the external rearview mirror.



The driver can adjust the electric external rearview mirror via its switch to a position where the driver can just see the side of the vehicle in the external rearview mirror.

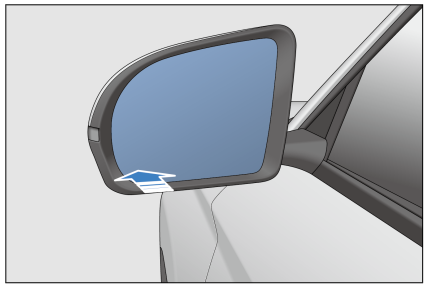
- Selection switches: used to select the side mirror to be adjusted.
  -  : Left external rearview mirror button
  -  : Right external rearview mirror button



- Control switch  : used to adjust the side mirror positions. Press the switch according to the desired direction.

Manual Adjustment

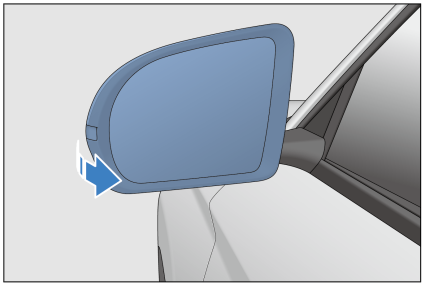
Press the edge of the mirror by hand to rotate the mirror around the center and adjust it to a proper position.



Folding side mirrors

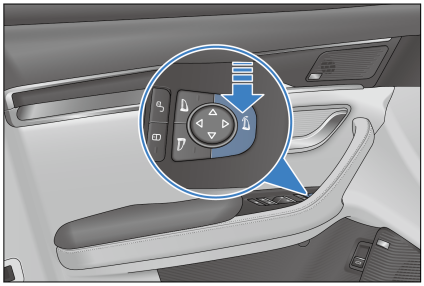
Manual Folding Side Mirrors

Press the outer edge of the side mirror hard to rotate the mirror body around the folding shaft to the locking position.



Electric Folding

- Press the button to fold the external rearview mirror electrically and press it again to unfold it.
- When the anti-theft function is activated, the two external rearview mirrors fold automatically.When the anti-theft function is released, they unfold automatically.



REMINDER

- Do not adjust the side mirrors while the vehicle is in motion. This may obstruct the control of the vehicle, resulting in accidents.
- 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.

Wipers

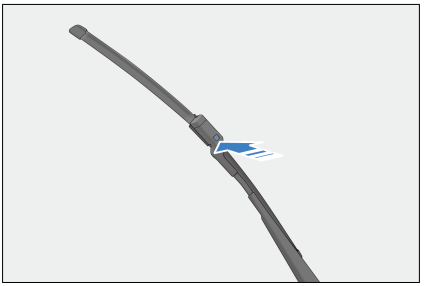
Check the condition of the front and rear wiper blades at least once every six months for cracks or local hardening of the rubber. If any of these are found, the wiper blades should be replaced.

Replacing Wiper Blades

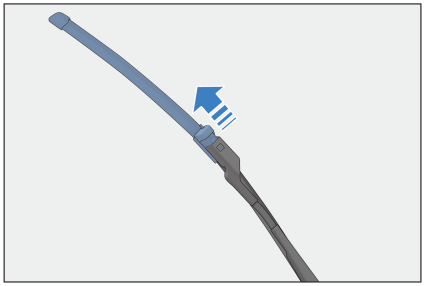
Replacing Front Wipers

- For easier wiper check or replacement, activate the wiper check function from the touchscreen, and then wipers run to a high position and stop. After check or replacement, use the touchscreen to deactivate this function, and wipers return to original positions.

1. Pull up the wiper arm at the driver side, and then pull up the other at the passenger side.
2. Press the wiper blade lock button.

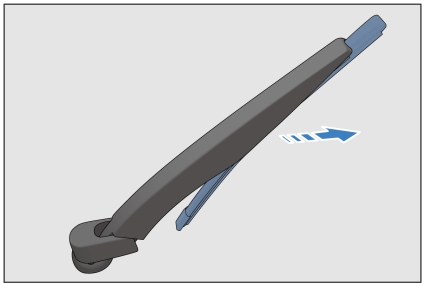


3. Hold the wiper blade clip and take out the wiper blade in the direction shown in the figure.
4. When assembling a new wiper blade, operate in the reverse order of removal.



Replacing Rear Wipers

1. Lift the rear wiper arm from the rear windshield.
2. Hold the wiper arm by hand and pull out the blade vertically, as shown in the figure.
3. When assembling a new wiper blade, operate in the reverse order of removal.



CAUTION

- Do not open the hood when the wiper arms are pulled up.
- Lower the wipers slowly, avoiding direct impact onto the windshield.
- Do not bend the wiper blade, and do not obstruct the wiper blade when the wiper is in operation.

Snow Chains

- Snow chains are for emergencies or areas where they are permitted by laws only.
- Snow chains are to be fitted to the front wheels and extra care is required for driving a vehicle fitted with snow chains on icy roads. Some snow chains may damage the tires, wheels, suspension and body of the vehicle.Therefore, thin snow chains should be selected to provide sufficient free space between the tires and other parts in the wheel cover.
- Please carefully check and read the component assembly drawing and other instructions of the snow chain manufacturer.
- Before purchasing and installing snow chains, consult a BYD authorized dealer or service provider where your vehicle was purchased.
- After snow chains are installed, be sure to travel at a speed below 30 km/h on snow-covered roads.
- In order to minimize wear of wheels and snow chains, do not travel with snow chains on roads without snow.

REMINDER

- Do not drive above 30 km/h or the limit speed specified by the snow chain manufacturer, whichever is lower.
- 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

REMINDER

to avoid accidents due to loss of control.

- Tires snow chains should be used symmetrically and remove immediately when not in use.

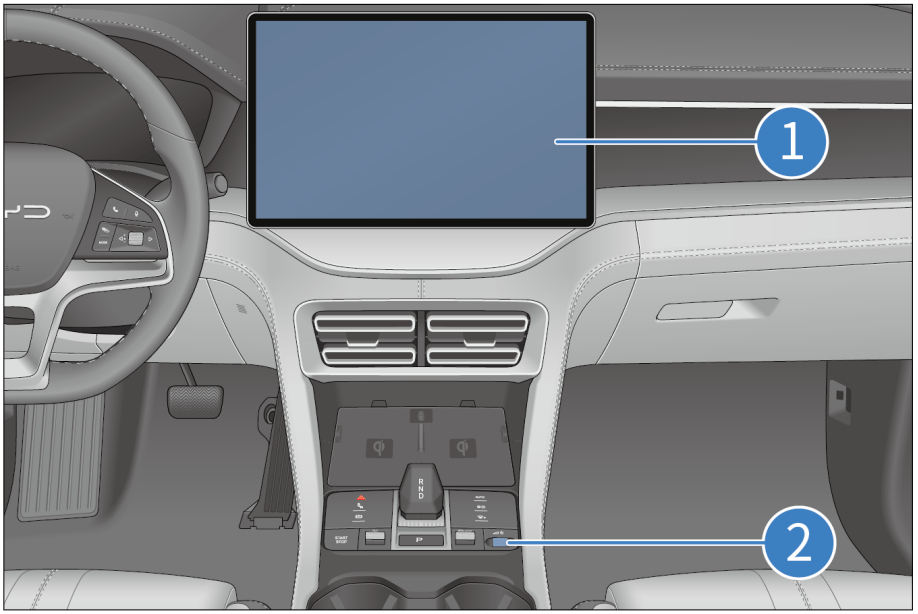
05 IN-VEHICLE DEVICES

Infotainment System.....172
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Infotainment System

Infotainment Buttons

When the ignition is on, the initial screen is displayed for several seconds and the infotainment system starts to work.



1 Infotainment display screen

2 Infotainment switch/Scroll button

Reset to factory settings

- This function factory resets the multimedia system.
  - During the process, do not touch any multimedia button or turn off the power supply, or errors may occur.
  - The process takes two to five mimutes.

WARNING

- To avoid faults in the infotainment system, do not use a high-power inverter on the vehicle.
- Do not format or root the device, as this may cause infotainment system or vehicle malfunction.

CAUTION

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

REMINDER

- To better use related features (such as smart voice, App and video call) of the infotainment system, it is recommended to have the internet connected.

Widgets

- When the infotainment system is started, the widget screen is automatically displayed, mainly containing top status bar, vehicle settings, A/C, navigation bar, and widget window.
- As shown:



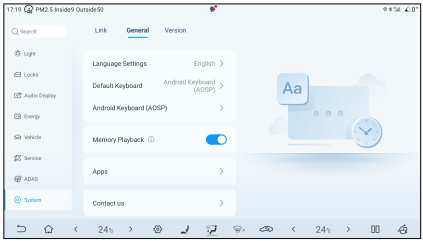
The widget screen contains three small customizable windows:

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 screen. 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 screen 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, click **System** → **General** → **Language Settings** on the touch screen of the center console to set the language to "Simplified Chinese" or "English".



BYD Assistant

BYD Assistant is an intelligent voice assistant that reponds to your voice commands, such as requesting navigations, playing music/radio/DAB, making a phone call, and controlling in-vehicle devices.

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

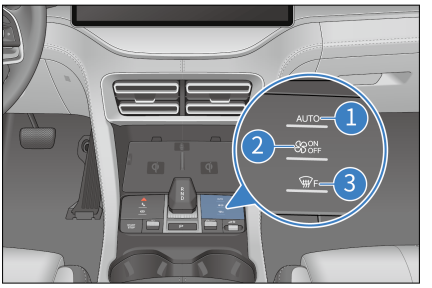
A/C System

A/C ON/OFF

① Automatic A/C button

② A/C ON/OFF

③ Defrosting button for front windshield



REMINDER

- Remote A/C activation:
  - The user can turn on the A/C through the remote control key or BYD App to gain a comfortable interior environment in advance.

A/C Operation Interface



1	A/C Settings	10	Defrosting button for front windshield
2	Air purification interface*	11	Defrosting button for rear windshield/external mirror
3	Seat vent/heating *	12	Recirculation/Fresh air
4	A/C Operation Interface	13	Ventilation
5	A/C ON/OFF	14	Blowing Mode
6	Automatic A/C button	15	Blower Speed Adjustment
7	Cooling	16	Driver climate control
8	Maximum Cooling	17	Front passenger climate control
9	Dual-zone control		

REMINDER

- A/C unpleasant smell:
  - It is normal that there may be a damp and moldy smell just after the A/C is turned on. During operation, A/C condensation often remains in the evaporator, and the wet evaporator can easily absorb unfiltered body sweat and smokes inside the vehicle. Condensation not blown dry makes the dark and damp evaporator surface prone to mold, which is very likely to produce unpleasant smell by long-term fermentation.
- How to prevent it:
  - Before parking, turn off the A/C and allow fresh air to circulate throughout the vehicle to keep the interior relatively dry;
  - Please check, clean and replace the air filter regularly;
  - Try to keep the cabin clean and fresh.
- If the smell persists, it is recommended to contact a BYD authorized dealer or service provider for repair.
- After the vehicle is powered off and locked, the A/C blower may automatically start and run briefly to remove any condensed water accumulated on the evaporator surface, preventing mold growth and maintaining a dry interior of the A/C. It is normal for the A/C blower to start running automatically when you lock the vehicle. No need to worry about it.

Functional Definition

Automatic A/C button

- Tap AUTO. Then the button lights up (AUTO indicator on the gearshift lever panel lights up), and the compressor state, blower speed and vent mode are automatically adjusted.
- Features remain in the automatic mode until other operation is performed. If the blower speed, vent mode or compressor state is manually set, the full-automatic control is disabled.

A/C ON/OFF

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

Blower Speed Adjustment

- Tap this icon to set the blower speed to the desired level. The higher the level, the greater the blower speed.

Defrosting button for front windshield

- Tap the icon to enter the front windshield defrost mode, distributing air to the front windshield and side windows. Tap the icon again to exit this mode.
- Tap the icon to turn on the defroster, defogger and A/C. That is, the A/C is turned on regardless of whether the compressor control button is operated.

Climate control

- Driver climate control
  - In independent mode: used for climate control of the driver side.
  - In associated mode: used for climate control of the driver side and the front passenger side.

- To increase the temperature, tap the upper arrow on the touchscreen or tap the temperature display area and then slide downward. To decrease the temperature, tap the lower arrow on the touchscreen or tap the temperature display area and then slide upward.
- When it is adjusted to the coldest position, "LO" is displayed. When it is adjusted to the hottest position, "HI" is displayed.

- Front passenger climate control
  - In independent mode: used for climate control of the front passenger side.
  - In associated mode: adjust the front passenger side temperature and exit the associated mode to enter the independent mode.
  - To increase the temperature, tap the upper arrow on the touchscreen or tap the temperature display area and then slide downward. To decrease the temperature, tap the lower arrow on the touchscreen or tap the temperature display area and then slide upward.
  - When it is adjusted to the coldest position, "LO" is displayed. When it is adjusted to the hottest position, "HI" is displayed.

Dual-zone control

- Tap this button to switch from independent mode to associated mode.
  - Independent mode: The temperatures on the driver's side and the front passenger's side can be set separately. After this mode is selected, the button icon lights up.
  - Associated mode: The temperatures on the driver's side and the front passenger's side can be adjusted simultaneously through the driver climate control button. In association mode, the button icon is gray.
- In association mode, operating the front passenger climate control automatically switches to the independent mode.

Maximum Cooling

- Tap this icon to switch the A/C to the maximum cooling control mode. The compressor is turned on, the temperature is adjusted to LO, the blower speed is adjusted to the maximum, the recirculation mode is activated, and air blows in face level mode.
- Tap this button again to exit the maximum cooling control mode.

Cooling

Tap this button to turn on the A/C. At this time, the icon lights up and the compressor starts to work. Tap this button again to turn off the A/C compressor. At this time, the icon goes out and the compressor stops working.

Recirculation/Fresh air

- Tap this icon to activate the recirculation mode (arrow of the indicator pointing to the inside). Tap it again to switch to fresh air mode (arrow of the indicator pointing to the outside).
- When the Auto air recirculation when parking is enabled, the vehicle switches to the recirculation mode automatically during parking to ensure the air quality in the vehicle and avoid the exhaust from entering the vehicle.

Defrosting button for rear windshield/ external mirror

- Tap this button to heat up and defrost the rear windshield and side mirrors. If there is no other operation, they

are automatically deactivated after operating for 15 min. Tap this button again to turn off the rear windshield defroster and the external rearview mirror defroster.

- This function cannot be used to dry rain drops and melt snow.

WARNING

- Do not touch the external rearview mirror surface after turning on the rear windshield defroster switch because its surface becomes hot.

CAUTION

- When cleaning the inner side of the rear windshield, be careful not to scratch or damage the heating wire or connector.

Ventilation

- Press this button to switch A/C to the ventilation control mode, with natural wind blown out.
- Tap this button again to exit. and switch to the AUTO mode.

Blowing Mode

Tap an icon on the infotainment touchscreen to select the corresponding air distribution mode. You can turn on multiple modes (up to three) simultaneously by using the touchscreen.

Face level mode: Air is blown onto the driver's and passengers' upper bodies.

Footwell vent: Air is blown onto the driver's and passengers' feet.

Defrost: Air is blown onto the front windshield and side windows.



Precautions for Operation

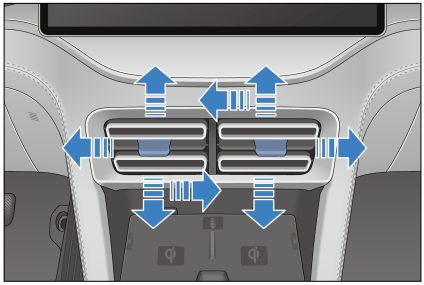
- To quickly cool down the vehicle parked under the burning sun, open the window and drive for several minutes. In this way, the hot air can be discharged to facilitate the A/C to cool down the vehicle.
- To speed up cooling, adjust the temperature to "Lo" and use the recirculation mode for a few minutes.
- Make sure that the air inlet grille in front of the front windshield is not blocked (by such things as leaves or snow).
- In wet weather, do not let cold air blow onto the windshield. The temperature difference between the inside and outside of the windshield causes fogging windshield.
- Keep the space under the front seats unoccupied so that the air in the vehicle can be fully circulated.
- In cold weather, the fan speed is recommended to be set to a high speed for one minute to remove snow or moisture from the intake channel, so as to reduce fogging of the window.
- In cold weather, keep the setting in recirculation mode for several minutes for rapid heating. To prevent the windows from fogging up, switch to fresh air mode after the temperature in the compartment rises.

- Close all windows when following other vehicles on a dusty road or driving in windy and dusty conditions. Set the air inlet mode to recirculation, and turn on the A/C fan.
- When heating, press the compressor control icon to light it up (the compressor is turned on), reducing the moisture in the airflow.
- In ventilation mode, the system introduces the natural wind outside the vehicle, so it is suitable for spring and autumn.

Vents

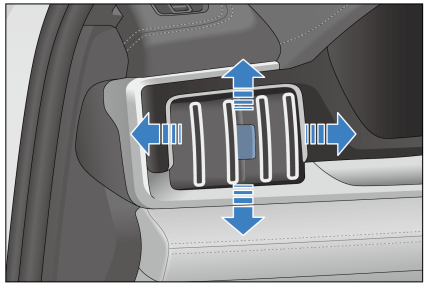
Front Center Vent

To open/close a vent or adjust its blower speed or venting angle, use the tab in the center.



Front side vent

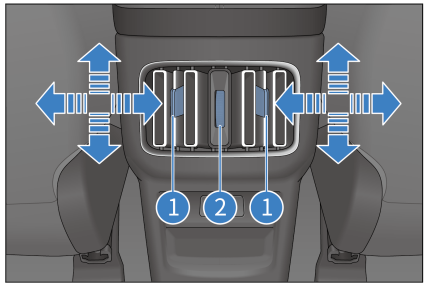
To open/close a vent or adjust its blower speed or venting angle, use the tab in the center.



Rear Side Vents

① To open/close a vent or adjust its blower speed or venting angle, use the tab in the center.

② The vents can be adjusted or turned on/off by toggling the roller.



Air Purification System*

The air purification system of the A/C deeply purifies PM2.5 in the compartment.

Air Purification Operation Interface

Tap "Air purification" on the touchscreen.



1 Air purification interface

2 PM2.5 Detection Button

3 Quick Purification Button

4 Outside PM2.5 Value Display

5 In-Vehicle PM2.5 Value Display

PM2.5 Detection Button

- Tap this button to detect interior and exterior air quality. The detection values and levels are displayed on the infotainment touchscreen in real time.
- Tap this button again to turn off the air quality detection function.

Quick purification button

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

Outside PM2.5 Value Display

- Displays the PM2.5 value and level outside the vehicle.

In-Vehicle PM2.5 Value Display

- Displays the PM2.5 value and level inside the vehicle.

REMINDER

- 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.
- Reduce the frequency of PM2.5 detection in the following environments:
  - Sandstorms and other such extremely harsh environments.

REMINDER

- Cold regions (ambient temperature <-20°C)
- High humidity environments (relative humidity >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 fan speed in recirculation mode can quickly reduce the concentration of fine particles in the air inside the vehicle.

A/C Settings

- Press this button to display A/C Settings screen.
- Tap it again to exit A/C Settings screen.

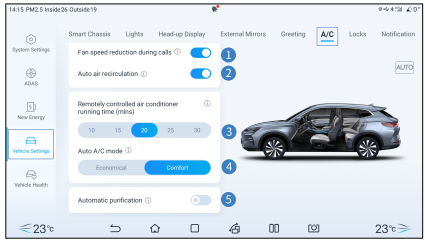


① Fan speed reduction during calls

- Tap this icon to enable the Fan speed reduction during calls.
- Tap this button a second time to disable it.

② Auto Air Recirculation when Parking

- Tap this icon to enable the Auto air recirculation when parking.



- Tap this button a second time to disable it.

③ Remotely controlled air conditioner running time (mins)

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

④ Auto A/C Mode

Economical and Comfort modes are available.

⑤ Automatic Purification*

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

BYD App

About BYD App

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

Account Registration

After downloading and installing the BYD App, register and log in to your account through the mobile guide by following the steps below.

1. After starting the App, click "Register" to enter the "Register" interface;
2. Enter email address registered in BYD authorized dealer, tap “Send email” to receive verification code, and then enter the code in app.
3. Set your password in password setting screen to complete the registration, and then the homepage is displayed.

CAUTION

- Provide the email address registered at the BYD authorized dealer, or registration will fail.
- In the app, select a country or region on upper right corner of the screen. The default setting depends on your phone setting. If it is not where you make the purchase, choose the right one, otherwise your data will not be accessible.

Vehicle Condition and Control

The BYD App homepage provides information and control items of the vehicle.

1. The homepage shows remaining driving range, SOC, vehicle error information, and status of vehicle driving, charging, A/C system, seat heater, and tire pressure.
2. Tap lock, unlock, light flashing & honking, or light flashing button to activate the corresponding function.
3. Turn on or off A/C on the app homepage, or tap the A/C card to access other settings, such as temperature regulation.
4. At the bottom of the homepage, tap the icon of seats, doors and windows, or tires to go to the associated screen and check their status.
5. If you have multiple vehicles on an account, tap the vehicle name in the upper left corner of the screen to switch between vehicles.

CAUTION

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

Individual Center and Vehicle Management

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

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

BYD Mobile Phone Bluetooth Digital Key*

Use the BYD Bluetooth digital key to control the vehicle through a close-range mobile phone Bluetooth connection, including locking or unlocking the doors.

- You can download and install the latest BYD App in the app market. The function of Bluetooth digital key can be found in the app.
- With vehicles supporting Bluetooth digital key, you can use the key after activating it in the BYD App.
- Turn on the Bluetooth on your phone, approach the vehicle, and open the BYD App for automatic Bluetooth digital key connection. You can also connect it manually. The key is effective after Bluetooth is connected.
- The specific functions supported by the key are subject to the vehicle configuration. The key can be used without network. After the key connection, you can select operations, and the app will immediately send commands to control the vehicle.
- In order to ensure the use experience, when starting the vehicle, please use the Bluetooth key close to the driver position.

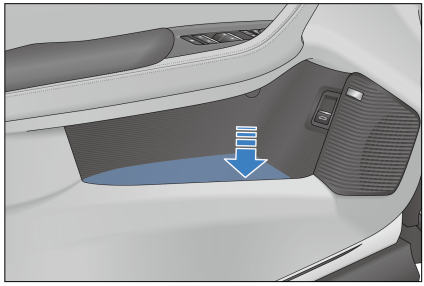
CAUTION

- Before activating the mobile phone Bluetooth vehicle key, it is necessary to ensure that the network signal at the vehicle end is good. If the activation fails, you can try to move the vehicle to a good network location and activate the Bluetooth key at the app end again.
- After the Bluetooth key of the mobile phone is unlocked, the door will be automatically locked without any operation in a short time.
- When the phone Bluetooth key fails to connect or fails to operate for many times, you can try to turn off the system Bluetooth and then turn it on, or try to restart the application.
- The use distance of mobile phone Bluetooth car key is limited by the environment around the car and the performance of the mobile phone. In the case of dense vehicles, the use distance will be shortened.
- The mobile phone Bluetooth key requires your mobile phone to turn on the Bluetooth switch. In case of any problem, please contact the dealer.

Storage

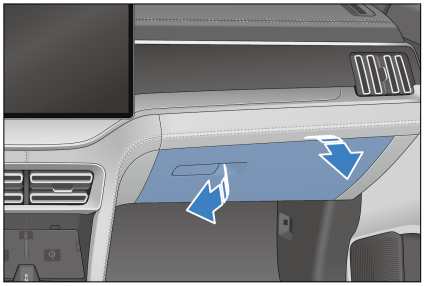
Door Bins

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



Glove Box

- Pull the handle to open the glovebox. The light in the glovebox goes on when it is opened.
- Push the glovebox up to close. The light in the glovebox goes off when it is closed.

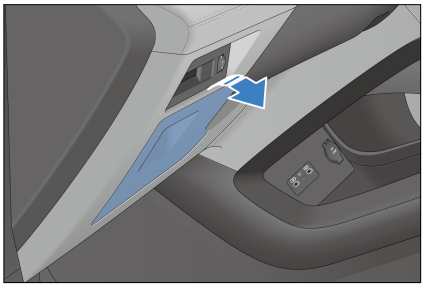


REMINDER

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

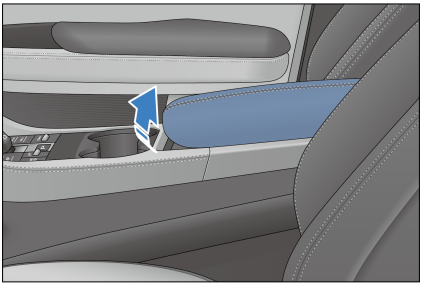
Bill Box

- Pull the handle on the driver's side glovebox to open it.
- Invoices, business cards, or similar items can be put in the driver's side glovebox. Do not put in large or heavy objects, so as not to close the driver's side glovebox. Please keep the driver's side glovebox closed during driving.



Center Console Cubby

- Pull up the center console cubby cover as the figure shows.
- Press the center console cubby cover downward to close it.



REMINDER

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

Glasses Case

- Press the glasses case cover to open it.



Seatback Pockets

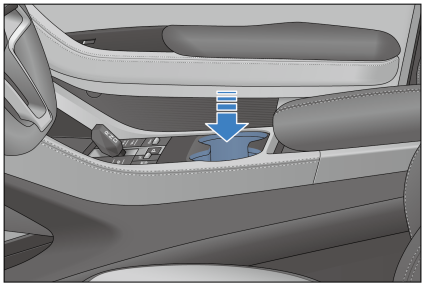
There are seatback pockets at the back of the front seats for storing magazines, newspapers, or similar objects.



Cup Holder

Front Seat Cup Holder

The front seat cup holder is located in the center console.

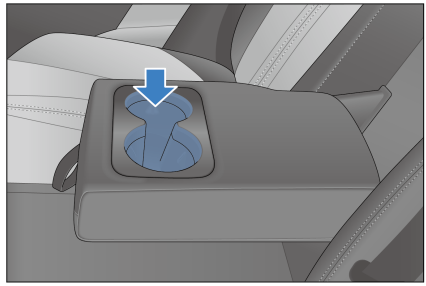


CAUTION

- 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.

Rear Seat Cup Holder

Pull down the rear armrest to use the rear seat cup holder located on it.



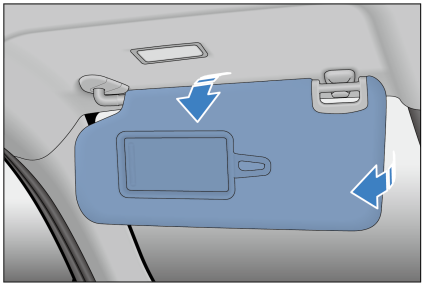
CAUTION

- When using the cup holder, do not start or brake the vehicle suddenly to prevent liquid spillage and burn you or other passengers.
- To prevent liquid splashing during door opening/closing or driving, please do not place open cups or untight beverage bottles in the cup holder.
- To ensure safe driving, the driver is strictly prohibited from taking the cup out or placing it in the cup holder while driving.

Other Devices

Sun Visor

- To block the sunlight from the front, pull the sun visor down.
- To block the light from the side, remove the slewing sleeve from the fixed support and turn sun visors to the side window.

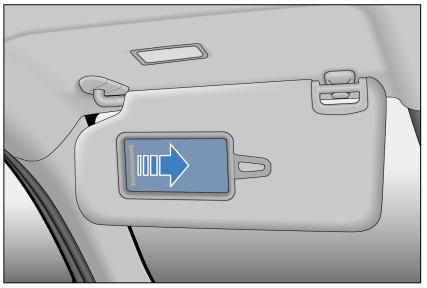


REMINDER

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

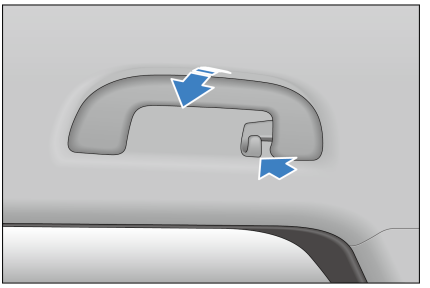
Vanity Mirror

- Vanity mirrors are installed on the driver’ s and front passenger’ s sun visors.
- To access the vanity mirror, pull the sun visor down and flip open the mirror cover. The vanity mirror indicator lights up. The indicator goes out when you close the mirror cover or fold up the sun visor.



Safety Handles

- Pull the safety handle down for use. The handle returns to its original position when released.
- Beside the safety handle is the clothes hook to hang clothes and hats.

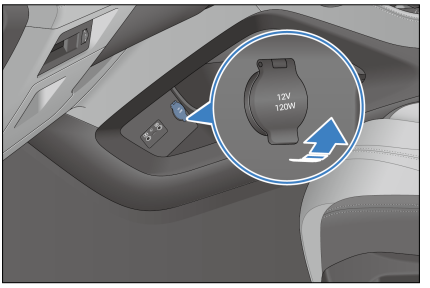


CAUTION

- Do not hang heavy objects on the grab handle or clothes hook, as this may result in damage or personal injury.

12V Auxiliary Power

- It is used for accessories with 12V DC working voltage and no more than 10A working current.
- The 12V auxiliary power is available only when the ignition has been switched on. Lift the cover to use it.

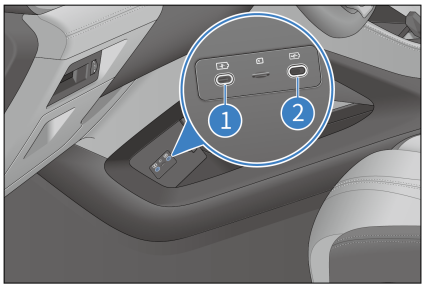


USB Ports

Front-Row USB Ports

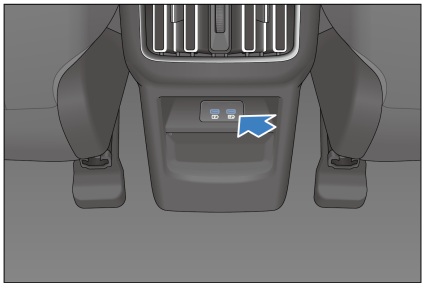
① USB charging port

② USB data transmission port



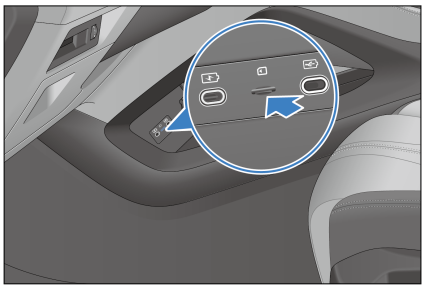
Rear Charging Ports

- Rear charging ports can only be used for charging and cannot be connected to the multimedia system.



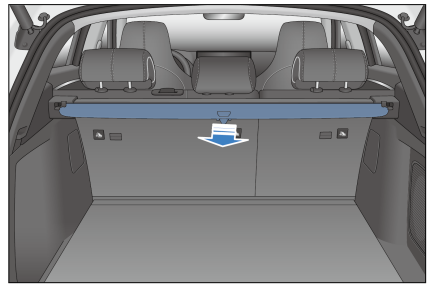
SD Card Slot

An SD card slot is provided at the hollow part close to the driver's side under the auxiliary dashboard.



Cargo Cover

- The cargo cover is used for privacy and direct sunlight protection.
- Lay down the seat, place one side of the cargo cover into the groove of the C-pillar lower shield, then press it to the bottom, and insert it into the groove of the C-pillar lower shield on the other side from above the seat lock ring. Pull out the curtain and hang it in the grooves on both sides in the rear.
- Do the reverse to remove the cover.



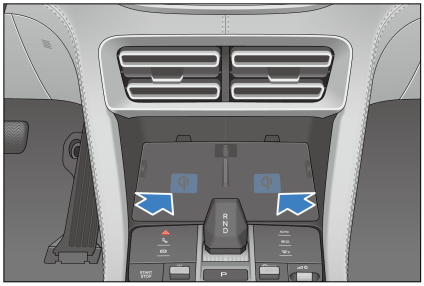
WARNING

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

Smartphone Wireless Charging Position*

- The wireless phone charging area is located at the front of the center console cubby. After starting the vehicle, put the phone on the non-slip

rubber pad in the wireless charger area with the phone screen facing up. The phone automatically begins wireless charging, and a charging icon is displayed on the infotainment screen.



- The smartphone wireless charging is applicable to QI certified smartphones only.
- 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.

REMINDER

- Two phones can be charged at the same time.
- A phone case that is too thick may prevent charging.
- The left and right side wireless charging function can be independently controlled on and off through the PAD QI switch.
- On bumpy roads, the wireless phone charging may intermittently stop and then resume.
- Try to ensure that the surface on which a mobile phone is placed is parallel to the charging module. If the phone moves from the wireless charger area and stops charging, move it back.
- If the phone cannot be charged properly, ensure that there are no foreign objects in the wireless charger area, or wait for the wireless charger area to cool down before trying again. If it is still impossible to charge the phone, contact a BYD authorized dealer or service provider.
- After power-off, if the phone is still charging and the driver's door is opened, the instrument cluster sounds an alarm and the message "Please take your cell phone with you" is displayed for five seconds.

CAUTION

- Ensure your smart key is more than 25 cm away from the wireless charger area when the wireless charger system is working.
- To avoid wireless charger dysfunction or even accidents, do not place coins, metal keys, metal rings, or other articles containing metal in the wireless charger area together with the phone.
- To avoid damage to the charger area, do not place heavy objects on it.
- If the phone wireless charger system is faulty and does not work properly, it is recommended to contact a BYD authorized dealer or service provider.
- BYD will not assume any responsibility for any problems caused by improper use. If

CAUTION

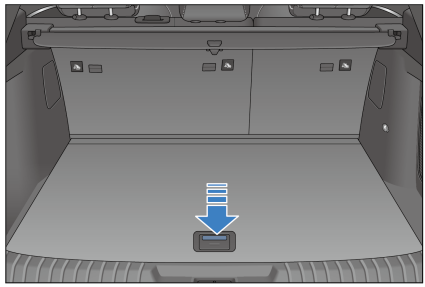
the product is disassembled or modified, the free warranty will be terminated.

- For safety reasons, do not leave an unattended phone being charged in the vehicle.
- For safety reasons, refrain from checking phone charging status while driving.
- If a metal item is found between the device and the charger rubber pad during charging, do not remove the metal item with bare hands to prevent burning.
- 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 charger area. The wireless charger will malfunction if water enters the wireless charger via the gap around the rubber mat.
- Charging may stop at high temperatures, and will resume once the temperature drops.
- 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.

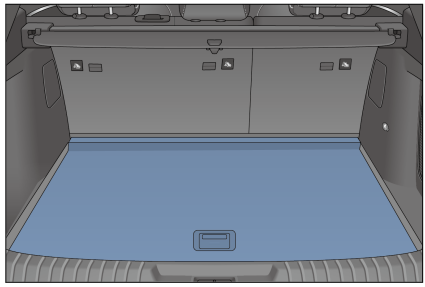
Boot Cover Board

The boot cover board can be installed at two different heights. Press the handle on the cover board to remove it and adjust height.

1. When installed at the upper height position, the boot cover board is flush with the top surface of the support plate. When the rear seats are laid down, the boot cover board is flatly fitted with the back of the seats.



2. When installed at the lower height position, the boot cover board is stuck on the lower step surface of the support plate, and the storage space can be enlarged.

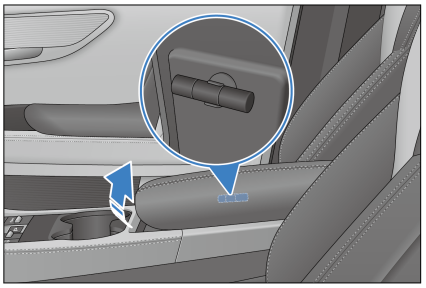


Window Breaker

A window glass breakage tool is located in the centre stowage compartment.

The tool is to be used on side door glass only.

It is to be only used in case of emergency exit from the vehicle.



How to Use

Remove the hammer from the stowage compartment.

Remove any cover of the hammer end.

Hold the handle firmly, hold the hammer end against the glass, push against the glass to activate the spring release.

WARNING

- If the side door glass is laminated, it may not shatter and may remain in position.
- Once the glass is fractured and weakened, use appropriate method to push the fractured glass out of the door aperture.
- Take all necessary precautions to not be injured by any broken glass.

06 MAINTENANCE

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Maintenance Information

Maintenance Cycle and Items

Maintenance Plan

- The maintenance plan is designed to ensure stable driving, failure reduction, safe and economical driving.
- For the planned maintenance interval, refer to the maintenance schedule depending on the reading of the odometer or the time interval, whichever comes first.
- For overdue maintenance items, the same time interval should be used for maintenance.
- Rubber hoses (for systems such as A/C, heating, and braking systems) must 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. The hose with any deterioration 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.
- The maintenance shall be carried out according to BYD's standards and specifications. It is recommended that the maintenance be carried out by a local BYD authorized dealer or service provider.
- The maintenance schedule lists the maintenance items and travel time or distance based on the assumption that the vehicle is used as a normal means of transportation to carry passengers and goods that do not exceed the vehicle load limit.

CAUTION

- Please maintain the vehicle regularly according to the requirements in the Warranty and Maintenance Service Manual of BYD.

Maintenance Plan Requirements

The vehicle must be maintained according to a maintenance schedule.

If the vehicle is operated mainly under one or more of the following special conditions, some maintenance schedule items need to be carried out more frequently.

- Road conditions
  - Driving on rough, muddy or snowy roads.
  - Driving on dusty roads.
- Driving conditions
  - The vehicle is used to tow a camping trailer or a roof bracket is installed on the vehicle.
  - The vehicle is driven within 8 km repeatedly and driven in an environment with temperature below zero.
  - Frequent stopping and starting or low-speed long-distance driving conditions.The examples include police cars, taxis, or vehicles carrying goods.

Maintenance Schedule

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

Maintenance item	Interval
Check brake pads and discs	Check them every 24 months or 20,000 miles (30,000 km).
Check brake system pipeline and hoses	Check them every 12 months or 20,000 miles (30,000 km).
Check steering wheel and lever	Check them every 12 months or 20,000 miles (30,000 km).
Check drive shaft dust cover	Check them every 12 months or 20,000 miles (30,000 km).
Check ball pin and dust cover	Check them every 12 months or 20,000 miles (30,000 km).
Check front and rear suspension	Check them every 12 months or 20,000 miles (30,000 km).
Tire condition and inflation pressure, incl. TPMS	Check them every 12 months or 20,000 miles (30,000 km).
Check the tire wear (if the tire eccentric wear is greater than 2mm, check the front and rear wheel alignment)	Check for tire wear and tire rotation should be done if needed In case of severe working conditions, the inspection frequency shall be increased, and the tire transposition shall be carried out if necessary
Inspect EPS appearance corrosion and foreign matters and ablation of connectors (including wiring harness grounding)	Check them every 24 months or 20,000 miles (30,000 km).
Check the coolant level in the expansion tank	Check them every 24 months or 20,000 miles (30,000 km).
Check brake fluid	Check them every 24 months or 20,000 miles (30,000 km).
Check steering fluid (EPS deleted, HPS and EHPS retained)	Check them every 24 months or 20,000 miles (30,000 km).
Check whether the power battery tray, anti-collision bar, guard plate and explosion-proof valve are bumped and deformed,	Check them every 24 months or 20,000 miles (30,000 km).

Maintenance item	Interval
and whether the power assembly leaks.	
Check the A/C strainer and filter	Check them every 24 months or 20,000 miles (30,000 km), in areas with severe working conditions, check every 6 months and replace if necessary.
Replacing A/C coolant*	Replace the long-acting organic acid coolant every six years or 60,000 miles (90,000 km).
Replacing battery coolant*	Replace the long-acting organic acid coolant every six years or 60,000 miles (90,000 km).
Replace power battery coolant* (blade battery)	Replace the low conductivity coolant (violet) for the first 24 months or 20,000 miles (30,000 km), and every 48 months or 40,000 miles (60,000 km) thereafter.
Drive motor coolant	Replace the long-acting organic acid coolant every six years or 60,000 miles (90,000 km).
Replace brake fluid	Check during maintenance, replace it every 24 months or 20,000 miles (30,000 km).
Change steering fluid *	Replace it every six years or 60,000 miles (90,000 km).
Gear oil in transmission	Replace it at 24 months or 20,000 miles (30,000 km) for the first time, and every 24 months or 30,000 miles (48,000 km) afterwards.
Check sliding door guide for wear (for private vehicle)*	Check them every 24 months or 20,000 miles (30,000 km).
Check sliding door guide for wear (for public vehicle)*	In order to better use the sliding door and improve its service life, it is recommended to clean guide rail out of sand and dust and apply lubricating grease after 50,000 km or 3-5 months.
Check and clean sliding door guide rail and pulley, and apply grease on the sliding surface of the guide rail *	Check them every 24 months or 20,000 miles (30,000 km).
Note: When checking Item 1, replace chassis parts in a timely manner if any abnormal damage is found.	

⚠ CAUTION

- In order to keep the high-voltage battery in the optimum state, it is necessary to (at least

⚠ CAUTION

every 6 months or 72,000 km) fully charge and discharge the vehicle on a regular basis to

CAUTION

achieve the purpose of battery self-calibration, or contact a BYD authorized dealer or service provider for capacity test and calibration.

- The brake linings/brake discs are checked at different intervals in severe weather in extremely cold regions (e.g. Norway, Finland, Iceland).

Severe driving conditions include:

- Frequent driving in dusty areas or frequent exposure to salt-laden air.
- Frequent driving on bumpy, puddled, or mountain roads.
- Driving in cold weather.
- Frequent and sudden braking.
- Frequent use of a towed trailer.
- Use as a taxi.
- Driving in congested urban areas at temperatures above 32°C for more than 50% of total travel time.
- Driving at speeds over 120 km/h at temperatures above 30°C for more than 50% of total travel time.
- Frequent drive with maximum load.

Regular Maintenance

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 decreases significantly.
- High battery temperature or overheat protection persists, or there is no power output.

REMINDER

- 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:

- Saline and alkaline substances, dust and moisture are accumulated on the vehicle floor.
- The vehicle is in a high-humidity environment or some parts of the vehicle are in a humid and hightemperature environment for a long time.
- The paint layer or underlayer is scratched by minor collision or by stones and gravel.

To prevent vehicle corrosion, the following guidelines shall be observed:

- Wash the vehicle frequently.
  - If you drive on a saline-alkali road in winter or live in a coastal area, clean the chassis and wheel guard with a high-pressure water gun or steam at least once a month to reduce corrosion. After winter, wash the chassis thoroughly
- Check body paint and decorative parts
  - 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 the interior of the compartment
  - Moisture and dust accumulated under the carpet cause corrosion, so the underneath of the carpet should be regularly checked and kept dry.
  - When transporting such goods as chemicals, detergents, fertilizers, and salts, special care should be taken, and proper containers must be used. In the event of splashing or leakage, clean the vehicle immediately and keep it dry.
- Use mudguards
  - If the vehicle is running in a salinealkali area or on a gravel road, mudguards can protect the vehicle. The bigger and closer to the ground the mudguards, the better.
- Park in a well-ventilated and dry area.

Paint Maintenance Tips

- Clean the vehicle in time.
- To prevent color incongruity or rough surfaces, avoid secondary paint spraying if the top coat has no obvious scratches.
- If the vehicle is parked for a long time, it should be parked in a garage or well-ventilated place, and covered with a special body cover in winter. Choose a cool place for temporary parking.
- Prevent strong impact, bumps, or scratches on paint film of the vehicle body. If any scratch, dent, or peeling is found on the top coat, repair it in time, preferably at a professional auto detailing shop.
- Do not touch the paint with a greasy hand or cloth. Do not place greasy tools or rub with organic solvents on the vehicle body so as to avoid chemical reactions.
- Wax the vehicle top coat for protection once a month or when the body surface cannot resist water well, and go to a professional auto detailing shop for maintenance regularly (quarterly) to restore the brightness and luster of the body top coat in time.
- Use high-quality polishing agent and wax. If the polished surface of the vehicle body has been severely weathered, use a wax-free vehicle cleaning and polishing agent. Carefully follow the manufacturer's instructions and preventive measures. The chrome-plated surface shall be polished and waxed as the paint surface.

CAUTION

- When the vehicle is repainted and placed in a high-temperature paint waxing workshop, the vehicle’s plastic bumper must be removed to avoid damage caused by high temperatures.

Vehicle Cleaning

- The vehicle must be cleaned in time under the following circumstances which will cause peeling of paint layer or corrosion of body and parts:
  - Driving along the coast.
  - Driving on a road on which anti-freeze has been scattered.
  - 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.

Washing the Vehicle Manually

Wait for the vehicle to cool down sufficiently in the shade before washing it.

1. Use a water pipe to wash off loose dirt and all mud or saline-alkali substances at the bottom of the vehicle and sunken parts of wheels.
2. Clean the vehicle with a neutral washing agent mixed 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: It forms markings when the washing agent dries. After washing the vehicle in hot weather, rinse the parts properly.
4. In order to prevent water stains, wipe the vehicle body dry with a clean soft towel, and avoid wiping or pressing hard, otherwise the paint surface may be scratched.

REMINDER

- Do not use strongly alkaline washing powder, soapy water, detergents, de-waxing detergents, or organic matters (gasoline, kerosene, volatile oil, or strong solvent) to clean the vehicle.
- When cleaning the combination lights, do not wipe their surface with chemical solvents such as gasoline, alcohol, lacquer thinner, thinner and carbon tetrachloride. Doing so will cause the combination light casings to crack.
- It is recommended that vehicles traveling in coastal or heavily polluted areas be washed once a day.
- Do not use blades or gasoline to remove hard dirt from the vehicle body. The plastic wheel trim is easily damaged by organic matter. If any organic matter splashes on the vehicle trim, remove it with water and check whether the trim is damaged. Please replace any seriously damaged plastic wheel trim in time. Otherwise, the trim may fall from the wheel during vehicle movement and cause an accident.

REMINDER

- Do not use abrasive cleaning agents to scrub the bumper.
- Clean polished metal parts with carbon cleaner and wax them regularly for protection.

Automatic Car Washing

Some types of brushes, unfiltered water, or machine-defined rinse procedures in automatic car wash stations may scratch or damage the paint surface. The scratches reduce the durability and glossiness of the paint surface, especially for dark-colored vehicles. Before washing the vehicle, consulting the staff of the vehicle wash station for the safest wash procedure for the paint surface is a better choice.

Interior Cleaning

REMINDER

- When cleaning the interior or exterior of the vehicle, do not allow water to flow onto the floor and dashboard, as water entering nearby electrical components may cause malfunction.

Carpets

- Clean carpets with a high-quality foam detergent.
- Firstly, use a vacuum cleaner to clean the dust as much as possible. There are several types of foam detergents that can be used. Some are filled in spray cans, and others are in powder or liquid forms, producing foam by mixing with water. Clean carpets with

foam-soaked sponges or brushes and scrub them in circular motions.

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

Seat Belts

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

CAUTION

- Do not clean the seat belt with colorant or bleach. These substances may decrease the seat belt' s strength.
- Do not use any seat belt that is not dry.

Doors and Windows

- Doors and windows can be cleaned with common household detergents.
- Gently wipe the inner side of the rear windshield along the left and right directions. Excessive force or wiping up and down may damage the heating wires of the rear defroster and antenna conductor.
- Check the door brake regularly. If obvious dust accumulation is found on the brake rod, wipe it with a wet soft cloth to remove dust on the surface.

CAUTION

- When cleaning the inside of the rear windows, take care not to scratch or damage electric heating wires or junctions.

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

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

CAUTION

- Do not use any organic matter (such as solvents, kerosene, alcohol, gasoline) or acid-base solutions. These chemicals can cause discoloration, staining, or flaking.
- Please confirm that the detergent or polishing agent to be used does not contain the above substances.
- If a new-type liquid car washer is used, do not splash it onto the interior surface of the vehicle, because it may contain the above substances. Clear any splashed liquid quickly.

Interior Leather Trimmings

- 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. Dry the leather in a well-ventilated, cool place.
- For any questions about vehicle cleaning, please consult a local BYD authorized dealer or service provider.

CAUTION

- If dirt cannot be cleaned off using a neutral detergent, clean it with a detergent that does not contain organic solvents.
- Do not clean leather with any organic material such as volatile oil, alcohol, gasoline, acid or alkali, as these will cause discoloration.
- 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 atrimmings must always be kept clean.
- Prolonged exposure to sunlight will cause leather to harden or shrink. so the vehicle should be parked in a shady and cool place, especially in the summer.
- In hot weather, avoid placing vinyl or waxy items on the trimmings, as these may stick to leather in high temperatures.
- Improper cleaning of leather trimmings may cause discoloration or spots.

Self-Maintenance

Self-Maintenance

Self-Maintenance Precautions

- If you want to carry out maintenance by yourself, make sure to correctly follow the steps specified in this chapter.
- It should be noted that incorrect and incomplete maintenance will affect the driving experience.
- This chapter only lists the instructions for some simple maintenance operations that the user can carry out. However, there are still many items that must be completed by qualified technicians with special tools.
- Special care must be taken during vehicle maintenance to prevent accidental injury. The following precautions must be observed.

CAUTION

- If coolant overflows, wipe it with a dry cloth or tissue to prevent damage to components or vehicle paint.
- If brake fluid overflows, rinse it with water to prevent damage to components or vehicle paint.
- When replacing wiper blades, do not allow the wipers to scratch the glass surface.
- Before closing the hood, check whether any tool or wipe cloth is left in the engine compartment.

REMINDER

- Do not smoke in or near the vehicle to avoid sparks or open flames that may cause fire.
- When working inside or under the vehicle, always wear goggles to protect your eyes against flying or falling objects or splashing liquid.
- As brake fluid may damage the skin or eyes, be careful when filling it. If your skin or eyes are exposed to brake fluid, immediately

REMINDER

flush with clean water. Seek medical attention immediately if discomfort persists.

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

- Coolant level: The radiator and expansion tank should be checked at each charge.
- Windshield washer fluid - check the amount of washer fluid in the fluid reservoir once a month. If the washer fluid is frequently used due to bad weather, increase the frequency of checking.
- Windshield wipers - check the wiper condition once a month. If the wiper cannot clean the windshield completely, check if any damage such as wear and cracking exists.
- Brake fluid level - check the fluid level at least once a month.
- Brake pedal - check whether the brake pedal functions normally.
- "EPB" setting items on the touchscreen - check whether the switch functions well.
- Low-voltage battery - Check battery conditions and check for terminal corrosion monthly.
- A/C system - Check the operation of A/C units weekly.
- Tires - check tire pressure monthly. Check the condition of wear and any embedded objects on the tire surface. Check tread wear and whether there are foreign bodies embedded.
- Windshield defrosters: Check the defroster vent monthly.
- Lights: Check the condition of headlights, position lights, tail lights, high mount brake light, turn signals, rear fog lights, brake lights and license plate light monthly.
- Doors - check whether the trunk lid and doors can be opened and closed normally and locked firmly.
- Horn - check whether the horn functions normally.

REMINDER

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

Lights

Headlight alignment

Headlights of new vehicles are aligned before their delivery. If the vehicle often carries a large load, headlights may need to be re-aligned. It is recommended that headlights be aligned by a BYD-authorized dealer or service provider.

Fogging of Lights

- After heavy rain or cleaning, fog may appear on the covers of combination lights, tail lights, or turn signals in side mirrors. This is similar to the condensation phenomenon of the windows on one side of the vehicle during rain, which does not indicate that your vehicle is faulty.
- The inside space of lights is relatively closed and narrow, so the temperature inside the lights is very high when they stay on, and the cover and reflector tend to be burnt and deformed due to high temperature.Therefore, lights need heat dissipation. Light covers are designed with holes for heat dissipation through convection with the surrounding environment. The

larger the temperature difference, the more active the convection. In the process of convection, the water vapor in the air is inevitably brought inside the water vapor in the air is inevitably brought inside lights. Due to the influence of sun exposure, convection, bulb heating, and other factors, the water vapor in the air is easy to condense into fog or water droplets on light surfaces with low temperatures. That is why the fog on light covers forms.

REMINDER

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

Sunroof Maintenance

Panoramic Sunroof Maintenance

1. Wipe any dust or sand from the sunroof outer sealing strip with a wet cloth and do not scratch it, for that degrades its sealing performance.
2. Wipe any dust or sand on the injection molding edge of the front glass with a wet cloth and do not scratch the sealing strip, for that degrades the sealing performance;
3. Clean the front end of the rear glass frequently (after the front glass is fully opened) to remove dust, sand, leaves and other debris to prevent drain holes from blockage;
4. Clean the guide rails on both sides and the front flume frequently to prevent dust, sand, leaves and other debris to prevent drain holes from blockage;
5. When washing the vehicle, avoid aiming any high-pressure water guns directly at the sealing strip. This not only easily deforms or damages the sealing strip, but also easily causes water seeping into the vehicle;
6. In winter, if the frozen sunroof is opened, the sealing strip or other parts may be damaged. The vehicle should first be preheated, and the HVAC system should be turned on to speed up the melting of snow and ice. Open the sunroof only after the vehicle is warmer. To avoid the sunroof from freezing again, dry the residual water on the sunroof.
7. Do not fully open the sunroof on extremely bumpy roads, as the strong vibration may cause deformation of related components or even damage the motor. In addition, sunroof is not to be opened when it is raining or when the vehicle is being cleaned.

Vehicle Storage

- If the vehicle needs to be parked for a long time (more than one month), the following preparations shall be made. Proper preparation helps to prevent deterioration of vehicle conditions and makes it easy for the next use of the vehicle. If possible, park the vehicle indoors.
- Clean and dry the vehicle body thoroughly.

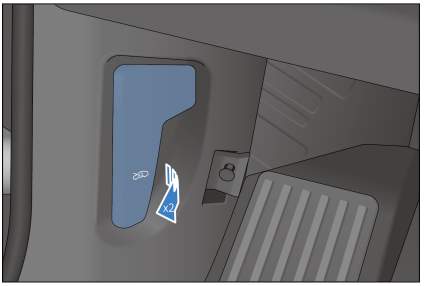
- Clean the interior of the vehicle to ensure that the carpet and other trimmings are completely dry.
- Shift the gear to P gear.
- Open one window slightly (if the vehicle is stored indoors).
- Disconnect the negative terminal of the low-voltage battery.
- Pad the front wiper arm with a folded towel 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 vehicle body with a breathable covering made of porous material such as cotton cloth. Non-porous materials, such as plastic sheeting, can build up moisture and damage the paint.

REMINDER

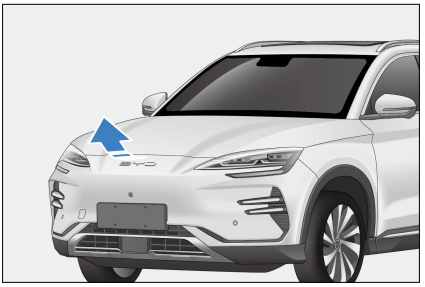
- Before transportation or storage, it is recommended that SOC should be kept within 25%-40% to ensure the performance of the high-voltage battery and normal power supply of the 12V battery during transportation or storage.

Hood

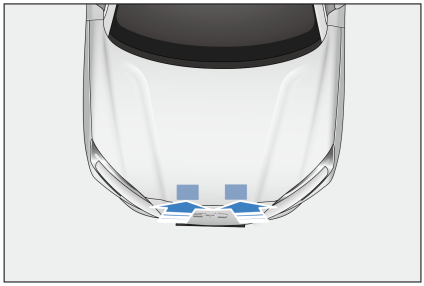
1. Shift to "P" or "N" and engage the EPB. Pull up the hood opening handle on the left side of the lower body of the dashboard for 2 consecutive times to slightly open the hood.



2. To open the hood:
   - Lift the hood up. It then automatically rises to open.
   - Put your finger under the front edge of the hood, as shown in the figure, to push the lock catch until the hood is lifted up, then lift up the hood and support it with the stay bar.



3. To close the hood:
   - Pull down the hood, and quickly press it at a proper height from the cover to close it.
   - Pull the hood downward to make its lock ring contact with the front compartment lock. Place both hands in the area shown in the figure in the front of the hood, and then press down hard to completely lock the hood.
4. After closing the hood, check whether the latch is securely locked.

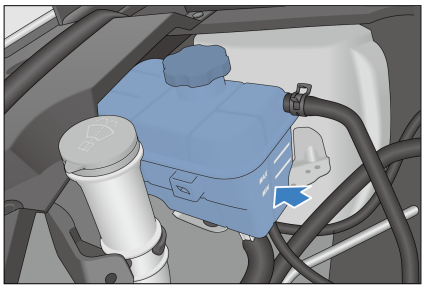


REMINDER

- Ensure that the hood is closed and locked firmly before driving. Otherwise, the hood may suddenly open during driving, resulting in an accident.

Cooling System

- Check the coolant level in the expansion tank. The level meets the requirement when it is between the "MAX" (upper limit) and "MIN" (lower limit) marks. If it is low, add coolant.



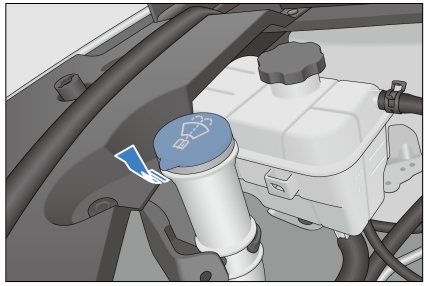
- If the coolant level drops in a short time after coolant is added, the system may be leaking. In case of leakage, contact a BYD authorized dealer or service provider.
- Always use the coolant with specifications same as the original manufacturer's product. No admixture is required. Different brands and types of refrigerant should not be mixed.

CAUTION

- Only use special coolant for the cooling system. Do not add other types of coolant or other additives, as this can damage the battery system. It is recommended to go to a BYD authorized dealer or service provider for adding the special type of coolant.
- Before opening the coolant expansion tank cover, make sure that this cover, the motor, HV electronic control integrated module, and radiator have cooled down.

Washer

- During normal use, check the fluid level of the windshield washer reservoir at least once a month.
- In bad weather, if the washer is often used, check the washer fluid reservoir level more frequently.
- High quality windshield washer fluid should be added to improve stain removal and prevent freezing in cold weather.



- When you add washer fluid to the fluid reservoir again, use a piece of clean

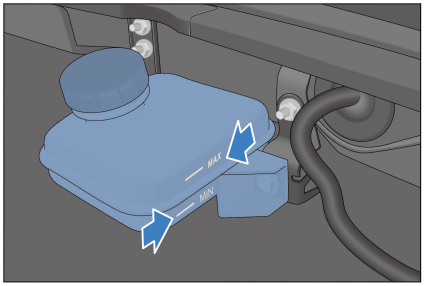
cloth dipped with windshield washer fluid to clean the windshield wiper blade, which helps keep the blade edge in good condition.

CAUTION

- Do not inject vinegar-water solution into the windshield washer fluid reservoir.
- It is recommended to use certified windshield washing fluid.

Brake fluid

The fluid level should be between MIN and MAX marks on the reservoir wall. If the fluid level is at or below the MIN (lower limit) mark, check the brake system. Check the brake system for leakage, and check the brake pad for wear.



REMINDER

- Brake fluid level - check the fluid level at least once a month.
- 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 BYD original brake fluid. Other types of brake fluid

REMINDER

are not suitable for this car's brake system.

A/C System

The A/C system is a closed system, and any important maintenance work should be carried out by professionals from a BYD authorized dealer or service provider.

The following can be done to ensure effective operation of the A/C system.

- Check the radiator and A/C condenser regularly. Remove leaves, insects and dust accumulated on the front surface. These deposits hinder the airflow and reduce the cooling effect. Contact a BYD authorized dealer or service provider for handling.
- In cold months, it is recommended that the A/C be turned on once a week for at least 10 minutes to circulate the lubricating oil in the refrigerant unit.
- If A/C efficiency decreases, go to a BYD authorized dealer or service provider for maintenance.

CAUTION

- Whenever the A/C system is maintained, the maintenance station should use a refrigerant recycling system.
- The system can recycle refrigerant to avoid environmental pollution caused by directly discharging refrigerant.

Wiper Blades

The rubber strip of the wiper blade is made of synthetic rubber, which is a vulnerable part. The wiper blade may be

damaged in the service environment of various vehicles and by the driver's use habits. Therefore, in order to ensure the service life of the wiper blade and the driving safety of the vehicle, pay attention to the following precautions:

- Remove the ice on the windshield surface with a special ice scraper, rather than with the wiper blades.
- Do not wipe on dirty, oily or waxy windshield surfaces.
- Keep the windshield surface clean. Do not wipe dust, sand, insects, and other objects on the windshield surface.
- Do not wax the windshield when washing the vehicle and maintaining the body paint, as the wax layer reflects light in poor light, consequently affecting the sight and driving safety. Rinse the wiper blades with purified water after washing the vehicle and remove the wax layer on the windshield with special glass wax layer cleaning agent.
- Do not wash the wiper blade directly with a water gun to prevent damage to the wiper blade due to excessive water pressure.

Maintenance Rules

- Clean the windshield and wiper blades regularly (once every one or two weeks).
- Even if there is no rain, it is recommended to wipe regularly (once every day or once every two days).
- Keep the windshield fully wet when wiping with wiper blades (when it is not raining, the washer fluid must be sprayed on the windshield in advance).
- Clean the windshield with special cleaning agent.
- Wipe the windshield with a rag in time if it is attached with soil and dead insects.
- Maintain the windshield in time in case of scratches by gravel knocking (it is recommended to use resin products for the windshield repair, and replace the windshield in case of many or excessive scratches).
- Replace the wiper blade regularly, and an interval of six months is recommended.
- Lift the wiper arms up prior to cleaning the windshield.

Tires

- In order to drive safely, tire type and size must be suitable for the vehicle. The tire tread should be in good condition and the tire pressure should be within the standard range.
- The following is detailed description of how to check the tire pressure, tire damage and wear, and the operation method of tire rotation.

WARNING

- Using tires with excessive wear or insufficient/excessive pressure can result in accidents, severe injury, or death.
- Please follow all instructions in this manual regarding tire inflation and maintenance.

Winter Tires

- Winter tires provide better traction on snowy roads. The special rubber tread pattern makes the tires less affected by low temperatures and delivers excellent braking performance to improve driving safety.

Usage tips

- It is recommended to use winter tires in snow or ice conditions or at temperatures below 7°C. When temperatures rise to above 7°C, install summer or all-season tires instead for driving safety and better performance.
- Winter tires must be the same size, load index, and speed rating as those originally provided by BYD.
- Winter tires must have adequate tread depth. Tires with a tread depth less than 4 mm do not perform well in winter conditions.
- Winter or summer tires are designed for specific acceleration conditions. Use them in the corresponding seasons to avoid poor traction or braking performance.
- Do not exceed the speed rating of winter tires, which is relatively low.
- After installing winter tires, inflate them to the design pressures.

Inflation

- Keeping tires properly inflated provides the best combination of maneuverability, tread-wear life, and driving comfort.
- Driving with underinflated tires leads to uneven tire wear, affect maneuverability and power consumption, and even may cause air leakage due to overheating.
- Driving with overinflated tires reduces the comfort of the vehicle, and is also more likely to be damaged due to uneven road surfaces. In severe cases, there is a risk of tire burst, which seriously threatens the safety of the vehicle. At the same time, it also leads to uneven wear of tires, thus affecting the service life of tires.
- The vehicle is equipped with a tire pressure monitoring device. In a cold state, you decide whether to inflate the tires according to the tire pressure values displayed on the instrument cluster.
- Measure the tire pressures when the tires are cold. This means the measurement should be carried out at least three hours after stopping the vehicle. 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.
- If the tire pressure is checked when tires are hot (after several kilometers of driving), it is normal that the pressure reading is 30 kPa - 40 kPa (0.3 kgf/cm^2 - 0.4 kgf/cm^2) higher than that in cold state. Do not deflate tires to reach the specified cold tire pressure; otherwise, the tire pressure will be insufficient.

REMINDER

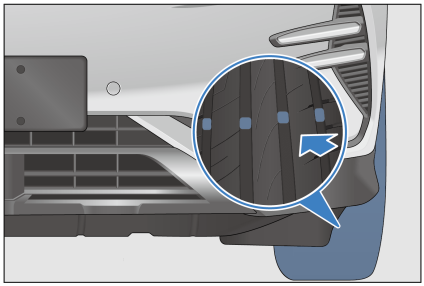
- Recommended Tire Pressure (located on the driver's side door frame) The label plate indicates the recommended cold tire pressure.

- Tubeless tires can self-seal punctures. However, as leakage is usually very slow, the leaks should be carefully identified as soon as the tire begins to depressurize.

Tire 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. Tires should be replaced if any of the case happens.

- 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.



- Wear marks are cast inside tire treads. When the tread is worn at this point, a band mark is shown across the tread, indicating the 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 must be replaced.

Maintenance

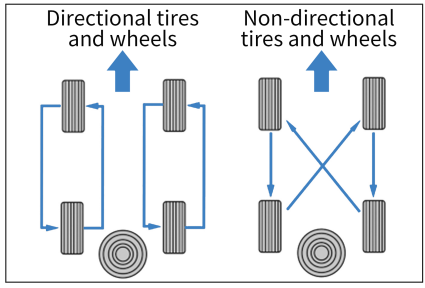
- In addition to proper inflation, correct wheel alignment can also help reduce tread wear.
- If uneven tire wear is found, drive the vehicle to a BYD authorized dealer or service provider to check wheel alignment.
- The vehicle has been balanced in the factory, but tires need to be re-balanced after driving for a period of time.
- If there is some kind of continuous vibration while driving at high speeds (above 80 km/h), but not at low speeds, go to a BYD authorized dealer or service provider and check the tires.
- If a tire has been repaired, be sure to re-balance it.
- When installing a new tire or replacing a new wheel, always perform tire balancing.

CAUTION

- Improper wheel balancers will get stuck, become loose and fall off. While driving, this will damage the car or surrounding objects.
- Improper wheel balancers will damage the aluminum rims of the vehicle. Therefore, it is recommended to use original wheel balancers.

Tire Rotation

- In order to make tire wear the same and prolong the service life of tires, it is recommended to perform tire rotation 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 and replacing tires, you may find that some tires are "directional", indicating those tires can be rotated in only one direction. If directional tires are used, only the front and rear wheels can be swapped in tire rotation. See the figure.



Replacing Tires and Wheels

- The original tires of this vehicle are selected to maximize the performance of the vehicle, and can provide you with the best combination of maneuverability, riding comfort, and service life.
- It is recommended to drive the vehicle to a BYD authorized dealer or service provider for new original tires.
- If radial tires with different dimensions, load range, rated speed and maximum cold tire pressure (marked on the side of the tire) from that of the original tires are used for replacement, or radial tires and diagonal tires are used at the same time, the braking capacity, driving force (ground adhesion) and steering accuracy of the vehicle are reduced.
- Installing improper tires affect the operational sensitivity and stability of the vehicle, and may cause accidents and casualties.
- It is better to replace four tires at the same time. If it is impossible or unnecessary, replace the pair of front tires or rear tires at the same time. Replacing only one tire seriously affects the maneuverability of the vehicle.
- ABS works by comparing the speed of wheels. 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 wheels need to be replaced, make sure that the specifications of the new wheels are consistent with those of the original ones. New wheels can be purchased from a BYD authorized dealer or service provider.

Before replacing wheels, consult a BYD authorized dealer or service provider.

REMINDER

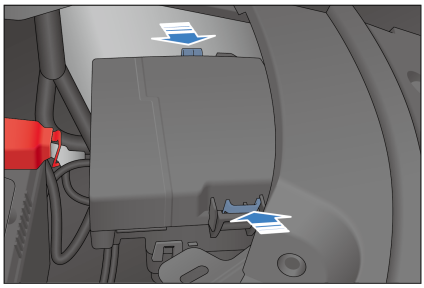
Please observe the following precautions to ensure proper vehicle performance and control.

- Do not mix radial tires, bias belted tires, or diagonal ply tires on the vehicle.
- Do not use tires with dimensions other than those recommended by the manufacturer.

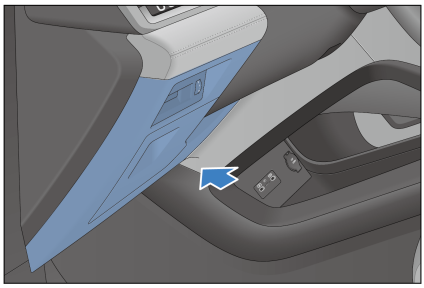
Fuses

All circuits on the vehicle are equipped with fuses to prevent short circuits or overloads. These fuses are installed in 2 fuse boxes respectively.

- The front compartment fuse box is located beside the left fender of front compartment.
  - Remove the upper cover of the under-hood PDB, and turn over it to view the PDB label.



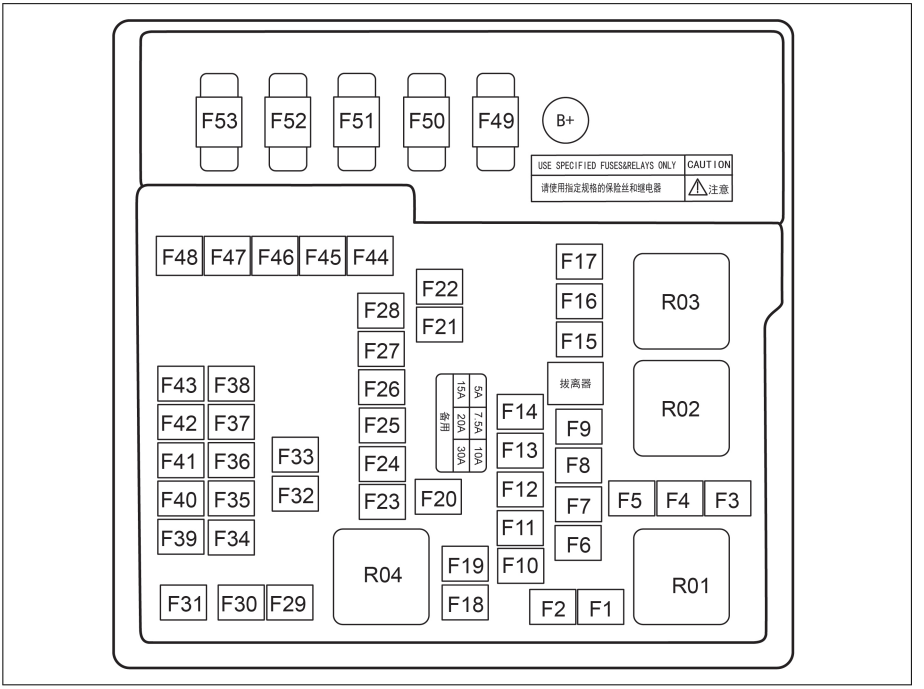
- The dashboard fuse box is located in the lower shield of the dashboard.
  - Remove the left shield of the dashboard first and then the lower shield to check dashboard fuses.



REMINDER

- Do not use any fuse with an amperage higher than the rated value, or any other object to replace fuses. Doing so can result in serious damage and potentially cause a fire.
- Replacement of blown fuses with ones of higher amperage can significantly increase the likelihood of damage to the electrical system.
- If you do not have a substitution fuse with an amperage matching the circuit, you should replace it with a fuse with a lower amperage.

Under-Hood Fuse Box Nameplate

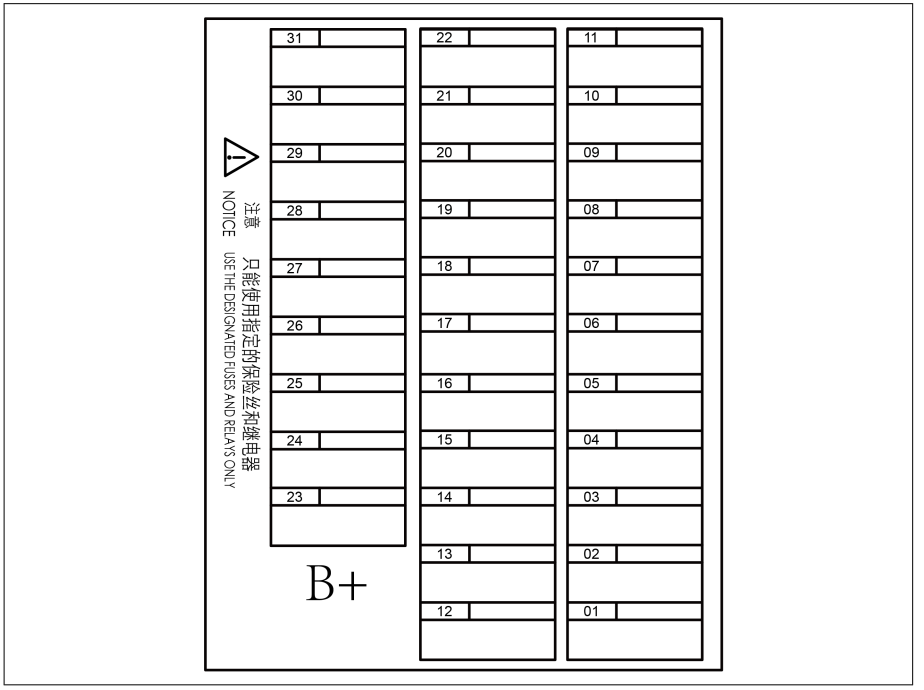


S/N	ampere	Protected Component or Circuit
F1	30A	Constant power
F2	-	-
F3	-	-
F4	15A	HV all-in-one controller
F5	15A	HV all-in-one controller
F6	-	-
F7	-	-
F8	-	-
F9	10A	Integrated thermal management module
F10	15A	Left combination headlight
F11	15A	Right combination headlight

S/N	ampere	Protected Component or Circuit
F12	-	-
F13	-	-
F14	-	-
F15	-	-
F16	40A	Constant power
F17	-	-
F18	-	-
F19	-	-
F20	-	-
F21	30A	Front wiper
F22	30A	Rear windshield defroster
F23	20A	High-pressure cooling oil pump
F24	7.5A	Electrically controlled cooling water pump
F25	7.5A	Compressor
F26	7.5A	USB
F27	15A	Auxiliary power
F28	-	-
F29	-	-
F30	60A	ESC
F31	-	-
F32	30A	Towing power supply
F33	5A	Battery manager
F34	15A	Steering Wheel Heating
F35	5A	Rear body controller
F36	5A	Gearshift panel
F37	7.5A	ETC
F38	10A	SRS
F39	5A	ADAS

S/N	ampere	Protected Component or Circuit
F40	5A	Instrument Cluster
F41	5A	EPS
F42	5A	ESC
F43	-	-
F44	60A	ESC
F45	40A	Blower
F46	-	-
F47	-	-
F48	10A	Rear Wiper
F49	-	-
F50	70A	C_EPS
F51	60A	Stepless fan
F52	200A	right body control module
F53	175A	Positive terminal for jump starting:

Dashboard PDB nameplate



S/N	ampere	Protected Component or Circuit
01	30A	Rear body controller
02	30A	Universal controller
03	30A	Universal controller
04	10A	Diagnostic port
05	10A	Wireless charger
06	5A	High-frequency receiving module
07	5A	Gearshift panel
08	20A	Infotainment
09	20A	External power amplifier
10	7.5A	ADAS
11	10A	Combination switch

S/N	ampere	Protected Component or Circuit
12	—	—
13	—	—
14	10A	Alcohol interlock
15	10A	Rear left combination light
16	10A	Rear right combination light
17	7.5A	E-Call
18	5A	Brake light switch
19	30A	Rear body controller
20	30A	Rear body controller
21	30A	Left front electric seat
22	30A	Right front electric seat
23	20A	Towing power supply
24	15A	Rear USB
25	—	—
26	—	—
27	—	—
28	—	—
29	—	—
30	—	—
31	—	—

07 WHEN FAULTS OCCUR

When Faults Occur.....218

When Faults Occur

REMINDER

- If the vehicle needs to be stopped urgently due to fault, please wear the reflective vest provided with the vehicle in time.

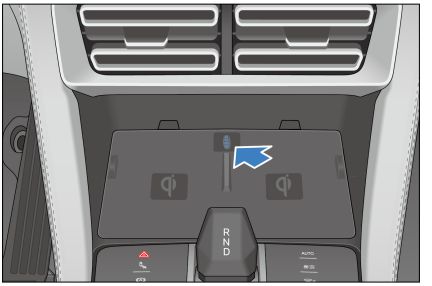
If Smart Key Battery is Exhausted

If the electronic intelligent key indicator does not flash, and the vehicle cannot be started with the start function, the battery may be exhausted. Contact a BYD authorized dealer or service provider for battery replacement as soon as possible. In this case, the vehicle can be started in the power-off mode.

CAUTION

- Do not place the smart key in a position exposed to high temperature.
- Do not hit or slam the key with hard objects.
- Put the key far away from a magnetic field.
- If the vehicle is not to be used after the vehicle enters the anti-theft state with doors locked, please keep the key far away from the vehicle to avoid 12V battery consumption resulting from automatic key locating function.

1. Unlock with the mechanical key.
2. Depress the brake pedal and meanwhile press the START/ STOP button, and the intelligent key warning light on the instrument cluster goes on, with a beep from the instrument cluster buzzer.
3. Within 30s after a beep from the instrument cluster buzzer, place the intelligent key close to the no-power mark of the auxiliary dashboard (as the figure shows). Then, the intelligent key warning light goes out and the vehicle is started within 5s.



High-voltage Components and Handling in Case of Accident

- The vehicle system uses high-voltage DC of above 300 V. It generates a lot of heat before and after vehicle start-up and when the vehicle is powered off. Watch out for high pressures and high temperatures.
- Do not disassemble, move, or alter high-voltage battery components and connecting cables as their connectors can cause serious burns or electric shock and may result in personal injury or death. The orange cables are part of high-voltage wiring harness. Users must not repair the vehicle's high-voltage system by themselves. If any repair is required, it is recommended to go to a BYD authorized dealer or service provider for repair.
- The remote control key and high-voltage components of the vehicle

may affect and harm people carrying medical devices.

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.
  - Some rear collisions.
  - Vehicle system failure.
- If any of the above collisions and vehicle system failures occurs, the driving readiness indicator (OK indicator) goes off.
- Activating the emergency shutdown system in the noted types of collision minimizes the risk of injuries or accidents. The vehicle system cannot be switched into the OK status once the emergency shutdown system is activated. In that case, it is recommended to contact a BYD authorized dealer or service provider. Even if the ignition switch is set to the OK position, the system will be turned off immediately. Please contact with BYD authorised 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 disconnect the low-voltage battery in the engine compartment if conditions permit.
2. Prepare a dry powder fire extinguisher.
3. If the fire is small and slow, use a dry powder fire extinguisher to put out the fire, and call for help immediately.
4. If the fire is large and growing quickly, stay away from the vehicle and wait for rescue.

CAUTION

- Wear insulated gloves during vehicle disassembly. Use fire extinguishers of designated type. Water or incorrect fire extinguishers may cause electric shock.
- In case of flying objects (such as interior trim and glass) due to other special circumstances, stay away from the vehicle and promptly notify a BYD authorized dealer or service provider for on-site handling.

If a Collision Occurs

In the event of a collision, please take the following actions:

1. Switch the ignition off, and disconnect the low-voltage battery in the engine compartment if conditions permit.
2. It is recommended to call immediately a BYD authorized dealer or service provider for rescue.
3. Carry out a simple inspection, if conditions permit: Check whether any edge of the high-voltage battery tray is cracked and whether any obvious liquid flows out.

- In case of light leaks, avoid potential sources of fire or flammable materials. Absorb leaks with an absorbent pad, and place the waste in a closed container or burn the waste. Wear anti-corrosion gloves before the operation. In the event of a severe leak pay

special attention, do not touch the fluid and call the emergency, which will collect the leaked fluid and treat it as hazardous waste.

- In case of accidental contact with leaked fluid, rinse the affected area immediately with plenty of water for 10-15 minutes. If you feel pain, apply 2.5% calcium gluconate ointment or soak the area in 2%-2.5% calcium gluconate solution to alleviate the pain. 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 high-voltage battery.
- Do not dispose of the leaked fluid into the water or soil or other environment.
- The vehicle system operates with high-voltage DC power. It generates a lot of heat before and after vehicle start-up and when the vehicle is powered off. Watch out for high pressures and high temperatures.
- Do not disassemble, move, or alter high-voltage battery components and connecting cables as their connectors can cause serious burns or electric shock and may result in personal injury or death. The orange cables are part of high-voltage wiring harness. Users must not repair the vehicle's high-voltage system by themselves. If any repair is required, it is recommended to go to a BYD authorized dealer or service provider for repair.
- The remote control key and high-voltage components of the vehicle

WARNING

may affect and harm people carrying medical devices.

If the Vehicle Needs Towing

If the vehicle needs to be towed, it is recommended to contact a BYD authorized dealer or service provider or a professional towing service provider, or ask for assistance from the organization that provides roadside assistance.

WARNING

- The vehicle must not be towed by other vehicles using only ropes or chains.

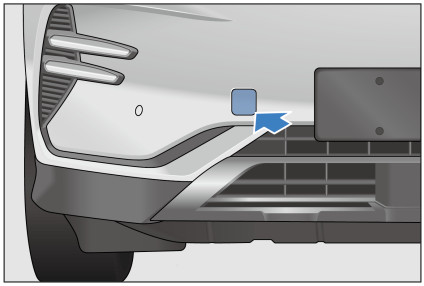
Common towing methods include:

- Flatbed device
  - When the vehicle is faulty and needs towing, a flatbed trailer is the best choice. Towing the vehicle with front or rear wheels on the ground may compromise high-voltage components.

Tow Eye

The installation point of vehicle tow eye is shown in the illustration.

1. Pry it open with a cross screwdriver.
2. Install the tow eye in the tow eye opening.



REMINDER

- It is not recommended to use the towing hook to tow the vehicle. It is better to contact a professional towing service provider or a roadside assistance service.
- Only the in-vehicle towing hook can be used. Otherwise, your vehicle will be damaged.
- Do not tow the vehicle from the rear with four wheels staying on the ground, to avoid damage to the vehicle.

If a Tire Goes Flat

- Maintain the lane position and gradually slow down the vehicle. Drive the vehicle off the busy road to a safe place. Park on solid, flat ground and avoid highway forks. Park on solid, flat ground.
- Place the gearshift lever in the “P” position.
- Power off the vehicle and turn on the hazard warning light.
- Be sure to have all passengers get off the vehicle and ask them to go to a safe place away from crowded traffic.
- To prevent slipping, secure the vehicle by wedging the tire diagonally against the flat tire.

CAUTION

- Do not continue driving with a flat tire. Driving even a short distance can cause too severe damage for the tire to be repaired.

In-Vehicle Tools

These tools are stored in a tool box under the trunk cover flap. These tools include warning triangle, tow eye, removal clamp for lug nut cover and tire repair kit.

Placing the warning triangle

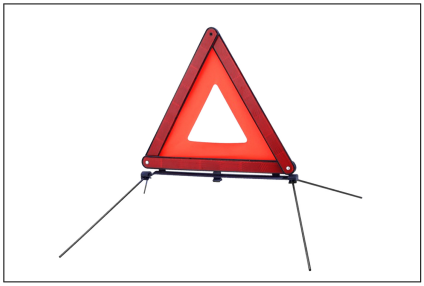
REMINDER

- When parking for repair, remember to place the red triangle side facing oncoming vehicles, 100-200 meters away from the vehicle. After the repair, recover the warning triangle for future use.

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. Open the warning triangle to form a closed triangle.
3. Release its supports to create a pattern as shown.



Using Tire Repair Kit

The tire repair device can be used to seal small cuts, especially in the tread pattern. The tire repair device is only for emergency purposes so that you can drive the vehicle to the nearest maintenance center.

- The tire repair kit is located in the trunk and can be accessed by lifting the interior trim panel.
  - The tire repair kit includes: filling bottle, inflator, and adhesive sticker with marked maximum allowable speed and instructions.

WARNING

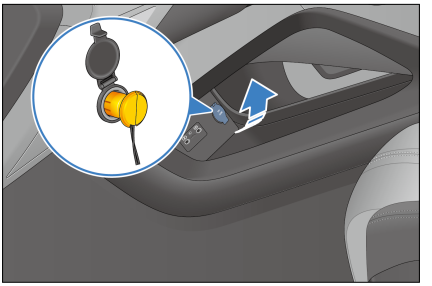
- The tire repair kit is only suitable for minor damages of tires. If a wheel is damaged, tyre puncture sealant kit is prohibited.
- Tire sealant is highly flammable and harmful to health. Take necessary precautions to prevent fire and avoid contact with skin, eyes, and clothing; keep away from children; and do not inhale its vapor.

In case of 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 by accident, rinse mouth thoroughly and drink plenty of water immediately. Do not induce vomiting, but seek medical attention immediately.

Usage of the Tire Repair Device

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



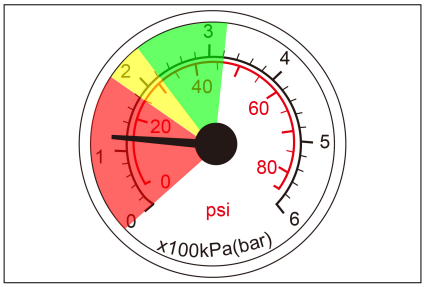
REMINDER

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

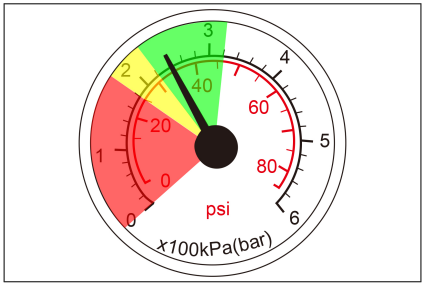
REMINDER

- 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 (red area shown in the figure) within 10 minutes, turn off the inflator and contact a BYD authorized dealer or service provider.



  - If the tire pressure is between 180 kPa and 320 kPa (yellow and green areas shown in the figure), unplug the kit as soon as possible and drive at a speed below 80 km/h within 1 minute for up to 10 km, so that the tire sealant is evenly distributed in the tire.



- Pull over the vehicle and check the tire pressure on the instrument cluster.
  - If the tire pressure is greater than 220 kPa, drive to the nearest service center at a speed below 80 km/h.
  - If the tire pressure is between 180 kPa and 220 kPa, fill the tire sealant into the tire again and observe the tire pressure readings on the inflator.
  - If the tire pressure does not reach 180 kPa, contact a BYD authorized dealer or service provider.

REMINDER

- Using tire repair device on damaged tires 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 maintenance technician that the tires contain tire sealant.
- Avoid hard acceleration and high-speed turns.
- Abide by the maximum vehicle speed limit of 80 km/h. Do not continue driving if any strong vibration, driving instability, or noise occurs while the vehicle is running.
- When the tire sealant is about to expire (see the label on the canister for exact date), replace it with a new one.
- After using the tire repair device, it is recommended that you purchase new tire sealant at a BYD authorized dealer or service provider.

08 SPECIFICATIONS

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Vehicle Data

Vehicle Data

Dimensions:

Item	Data	
Model	SA3(E-L)	SA3(E-H)
Length (mm)	4785	4785
Width (mm) (excluding external mirrors)	1890	1890
Height (mm)	1668	1668
Wheelbase (mm)	2765	2765
Front track (mm)	1630	1630
Rear track (mm)	1630	1630
Front overhang (mm)	1011	1011
Rear overhang (mm)	1009	1009
approach angle (°)	18.6	18.5
Departure angle (°)	21.9	21.7

Vehicle mass:

Item	Data	
Curb weight (kg)	2020	2147
Curb weight - front axle load (kg)	1067	1104
Curb weight - rear axle load (kg)	953	1043
Max. allowable total mass (kg)	2430	2557
Front axle load at max. allowable total mass (kg)	1191	1230
Rear axle load at max. allowable total mass (kg)	1259	1347
Number of occupants (persons)	5	5

Drive motor parameters:

Item	Parameters	
Model	TZ200XSAC	TZ200XYM
Type	Permanent magnet synchronous motor	Permanent magnet synchronous motor
Drive type	2WD	2WD
Rated power/revolving speed/ torque (kW/RPM/N · m)	65/4433/140	70/4456/150
Peak power/revolving speed/ torque (kW/rpm/N · m)	160/16000/310	160/16000/330

Vehicle power performance and economic efficiency:

Item	Data	
Maximum vehicle Speed (km/h)	175	175
Max. gradeability (%)	30	30
Power consumption per 100km under comprehensive working conditions (kW · h/100km)	19.9	20.5

Wheels and tires:

Item	Parameters	
Number of tires	4	4
Tire specification	235/50R19	235/50R19
Tire pressure (kPa)	250	250
Wheel dynamic balance requirement (g)	⩽10	⩽10

Wheel alignment parameters (under curb weight):

Item	Parameters	
Front wheel camber (°)	-0.88°±0.75°	-0.87°±0.75°
Total front wheel toe-in (°)	0.07°±0.16°	0.082°±0.16°
Kingpin inclination angle (°)	11.2°±0.75°	11.19°±0.75°

Item	Parameters	
Kingpin caster angle (°)	2.73°±0.75°	2.76°±0.75°
Rear wheel camber (°)	-0.67°±0.75°	-0.69°±0.75°
Rear wheel total toe-in (mm)	0.27°±0.16°	0.27°±0.16°

Braking system:

Item	Data	
Free stroke of brake pedal (mm)	≤5	≤5
Thickness of front friction material (mm)	2~8	2~8
Thickness of rear friction material (mm)	2~6.5	2~6.5
Front brake disc thickness (mm)	26~28	26~28
Rear brake disc thickness (mm)	9~11	9~11

High-voltage battery

Item	Parameters	
Type	Lithium iron phosphate	Lithium iron phosphate
High-voltage battery rated capacity (AH)	173	173

Seats:

Item	Data	
(when measuring cushion depth) Forward and backward positions of front seats	forward from the farthest slide rail stroke 20mm	forward from the farthest slide rail stroke 20mm
(when measuring cushion depth) Seatback angles of front seats	25°	25°
Normal service conditions of front seatbacks	seatback Design position 24.3° forward 50.7° backward	seatback Design position 24.3° forward 50.7° backward

Item	Data	
	slide rail 220 mm forward 20 mm backward Angle: 4.5°	slide rail 220 mm forward 20 mm backward Angle: 4.5°
(when measuring cushion depth) Forward and backward positions of rear seats	Non-adjustable	Non-adjustable
(when measuring cushion depth) Seatback angles of rear seats	28°	28°
Normal service conditions of rear seatbacks (2WD)	Design position 15° forward 5.625° backward No slide rail	Design position 15° forward 5.625° backward No slide rail

Fluid:

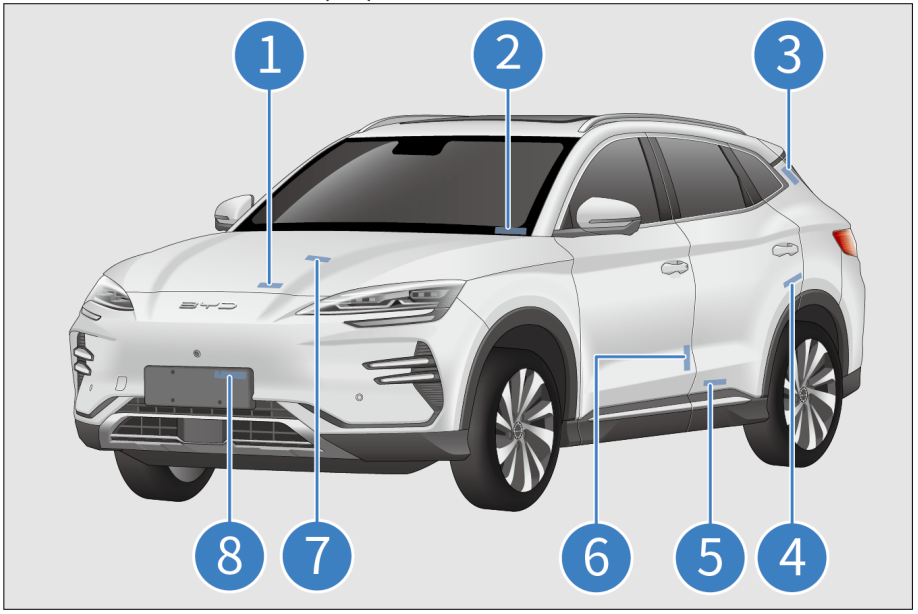
Item	Parameters	
Brake fluid type	HZY6	HZY6
Brake fluid amount (L)	1.1±0.05	1.1±0.05
Transmission gear oil	BOT383 BOT384	BOT383
Amount of gearbox oil (L)		1.5±0.05
Motor coolant type	Ethylene glycol type long-acting anti-rust antifreeze	Ethylene glycol type long-acting anti-rust antifreeze
Motor coolant amount (L)	4.0±0.5	4.0±0.5
Model of A/C refrigerant	R1234yf	R1234yf
Air-conditioning refrigerant GWP characteristics	contains fluorinated greenhouse gases	contains fluorinated greenhouse gases

Item	Parameters	
GWP value of air conditioning refrigerant	0.501	0.501
Air conditioning refrigerant CO_2quivalent	0.00060621t	0.00060621t
A/C refrigerant amount (g)	1200±10	1200±10

Information

Vehicle Identification

Vehicle Identification Number (VIN)



① attached to the inner sheet metal surface of the hood

② attached to the VIN slot of upper cover of front windshield cross sill

③ attached to the sheet metal surface of left frame of trunk lid

④ attached to the sheet metal surface of the rear left wheel arch inside the passenger compartment

⑤ attached to the sheet metal surface of the inner panel of the rear left door sill

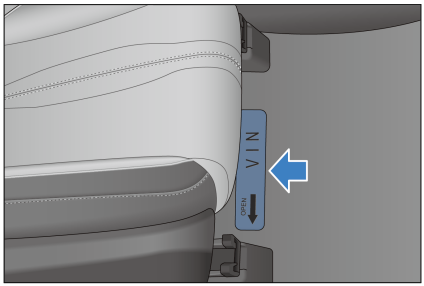
⑥ attached to the inner sheet metal surface of the driver's door

⑦ attached to the transmission housing

⑧ attached to left part of the upper surface of the front bumper beam

⑨ engraved under the front passenger's seat

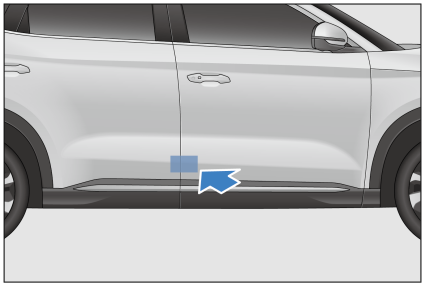
Note: The VIN can be read in the upper right corner of the page for the corresponding model after connecting the VDS. For details, please refer to the VDS operation manual.



Vehicle Nameplate

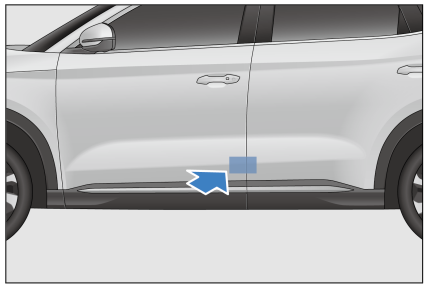
The vehicle nameplate is attached to the side sheet metal surface at the lower end of the right B-pillar, and contains the following information:

- Company name
- WVTA Certificate No.
- VIN
- Total Mass
- Trailer mass
- Maximum allowable mass of front axle
- Maximum allowable mass of rear axle



Label for Information Pertaining to Agents in the EU

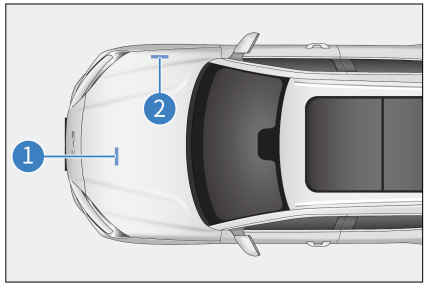
The label for information pertaining to agents in the EU is attached to the side sheet metal surface at the lower end of the left B-pillar.



Model and Serial Number of Drive Motor

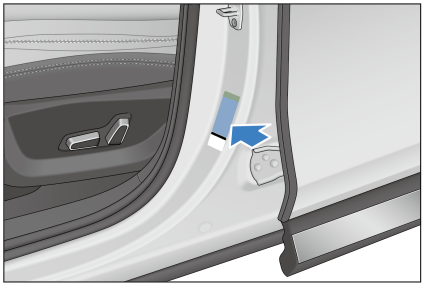
① The model and number of the drive motor are engraved on drive motor housing.

② The model and number of the drive motor are attached to the right part of the inner panel of the hood.

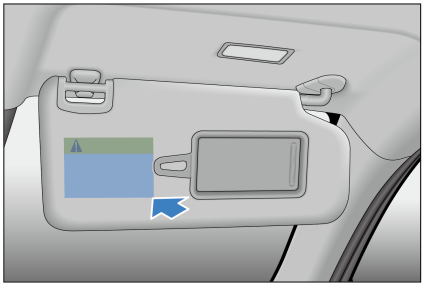


Warning Labels

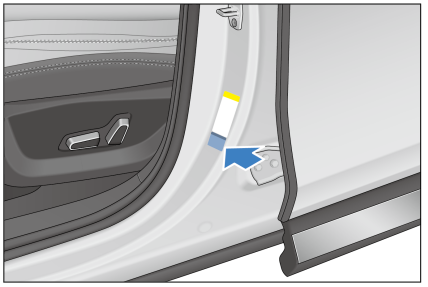
Side airbag warning labels are attached to the sheet metal surfaces under lock rings of left and right B-pillar door frames.



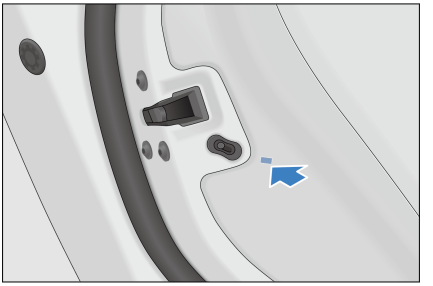
Airbag warning labels are hot-stamped on the inner and outer sides of the right sun visor.



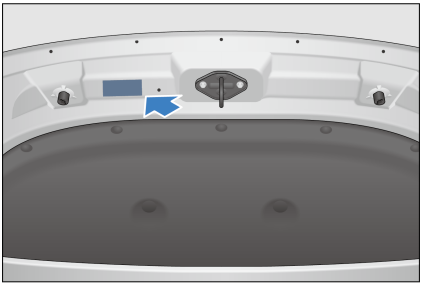
The tire pressure label is attached to the sheet metal surface of the left B-pillar door frame.



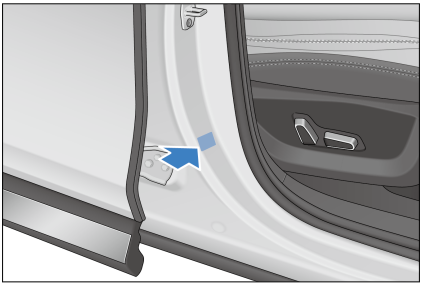
The child protection lock label is engraved on the rear door panel.



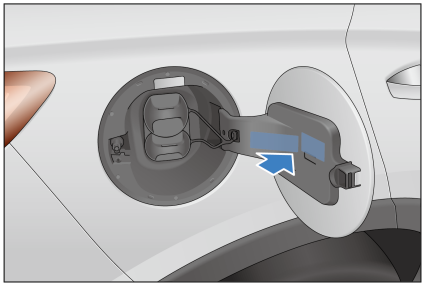
The A/C system label is attached to the right part of the inner hood surface.



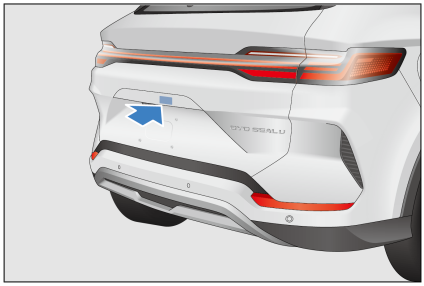
The battery position label is attached below the side airbag label on the right B-pillar.



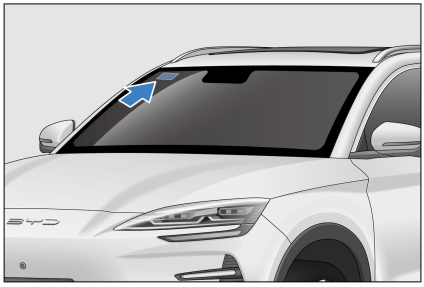
The charge port label is attached to the charge port door.



The trunk lid opening label is attached to the outer sheet metal surface of the trunk lid, directly above the trunk lid button.

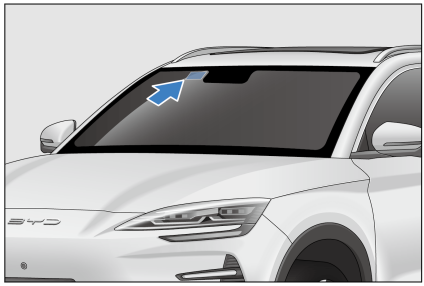


The anti-theft system label is attached to the corner of the front passenger side windshield.



Transponder Mounting Position

The transponder mounting position is located in the upper right of the front windshield.



CAUTION

- Do not overlap with the glass frame or other objects when attaching the electronic logo.

Declarations of Conformity

Declarations of Conformity

Radio Frequency

Your vehicle has different types of radio equipment. The manufacturers of the radio equipment declare that the RF Modules are in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following Internet address: https://cn-prod.byd.com/eu/eu-doc.

Component Name	Frequency	Maximum Power
Tire pressure monitoring transmitter module	434MHZ	87dBμV/m±2dB
Interior detection antenna	125KHZ	10W
Electronic smart key	434MHZ	10dbm
High-frequency reception module	434MHZ	0.48W
ECALL GPS antenna	1559MHz~1605MHz	0.05W
ECALL 4G antenna	701MHz～960MHz	0.05W
	1.71GHz～2.69GHz	0.05W
NFC device	13.56MHz	1.2W
On-board Bluetooth device	2.402GHz~2.480GHz	8dBm
Wi-Fi hotspot device	2.402GHz~2.482GHz	16dBm
	5.17GHz～5.835GHz	
Network communication four-in-one antenna (4G)	701Mhz～960MHz	/
	1.71GHz～2.69GHz	/
Network communication device (4G)	700MHz~2600MHz	23dBm
FM broadcasting antenna amplifier	76MHz~108MHz	0.24W
FM broadcasting device	76MHz～108MHz	0.8W
DAB antenna amplifier	170MHz~240MHz	0.24W
DAB box	170MHz～240MHz	1.5W
Four-in-one antenna (GPS, 4G, WiFi/BT)	1559 MHz – 1605 MHz (GPS Antenna)	0.03W
	701 MHz – 960 MHz & 1.71 GHz – 2.69 GHz (4G Antenna)	
	2.4 GHz – 2.5 GHz (Wi-Fi/BT Antenna)	
MmWave radars	76~77 GHz	3W
AM antenna amplifier	522KHz~1800KHz	0.6W
AM device	522KHz～1800KHz	0.8W

Smart Key Certification

	Uzbekistan Model: D0-92/D1-92
	EU countries Model: D0-92/D1-92
ANATEL 13120-22-14807	Brazil Model: D0-92/D1-92 This equipment is not entitled to protection against harmful interference and may not cause interference to duly authorized systems.
R 214-118832	Japan Model: D0-315/D1-315

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BUILD YOUR DREAMS

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