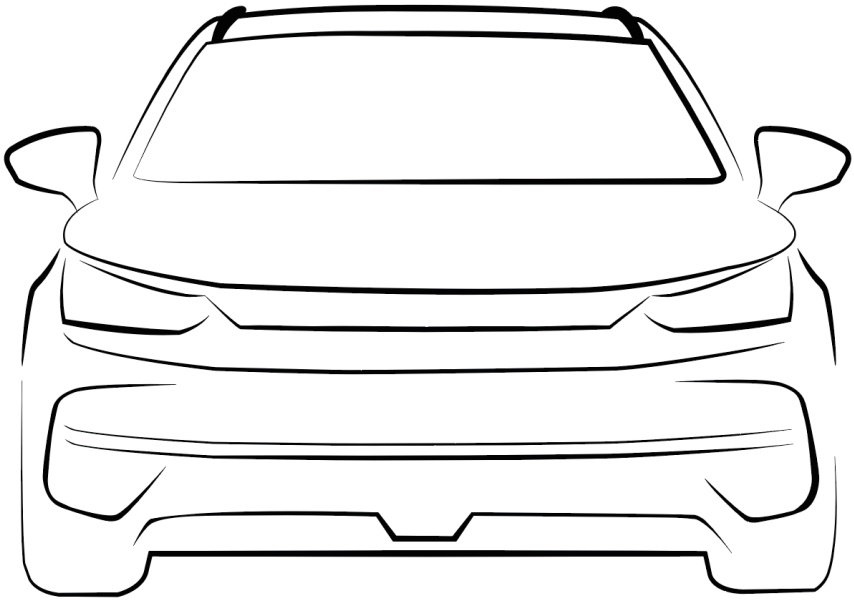
BYD TANG

OWNER'S MANUAL



Foreword

Thank you for choosing BYD. To better use and maintain the vehicle, please read this manual carefully and keep it for future reference.

Special instructions: BYD Auto Industry 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. To enjoy better services, please provide your accurate contact information. If there is any change to the information, contact a BYD authorized dealer or service provider in a timely manner to update the information in the system. You are also advised to pay attention to the relevant national laws and regulations and local policies, and register the vehicle as soon as possible; otherwise vehicle registration may fail.

The descriptions marked with 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. These symbols 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 TANG is an environmentally friendly product. Please visit https://reach.bydeurope.com for environmental protection information about the vehicle.

Everyone has the responsibility to protect the environment. Please use this vehicle properly and dispose of any waste and cleaning materials according to the corresponding local laws and regulations.

Contact Us

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

E-mail: Bydautoservice@byd.com

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

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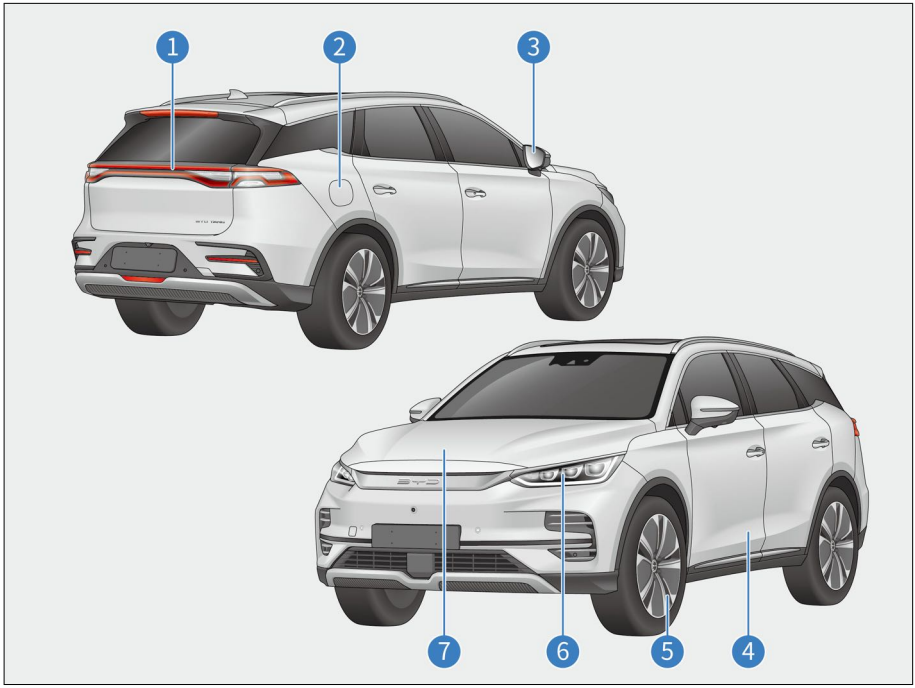
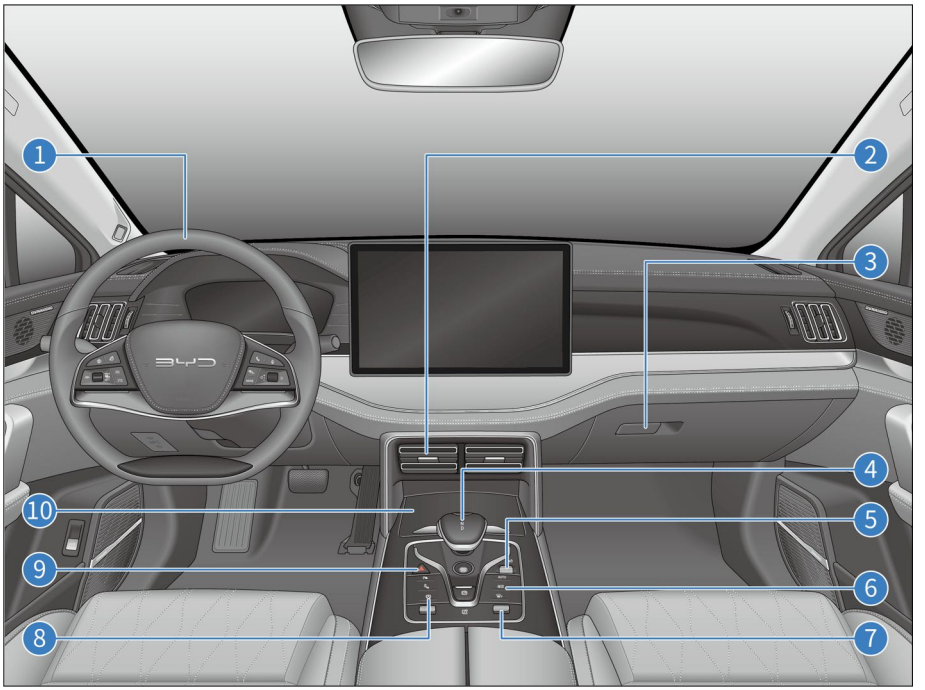


Dashboard



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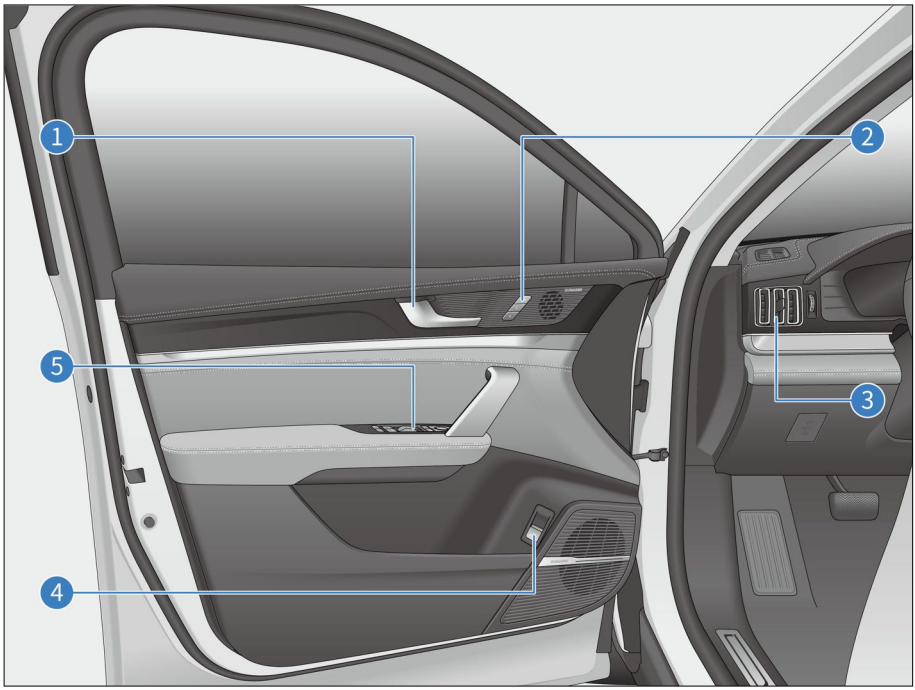

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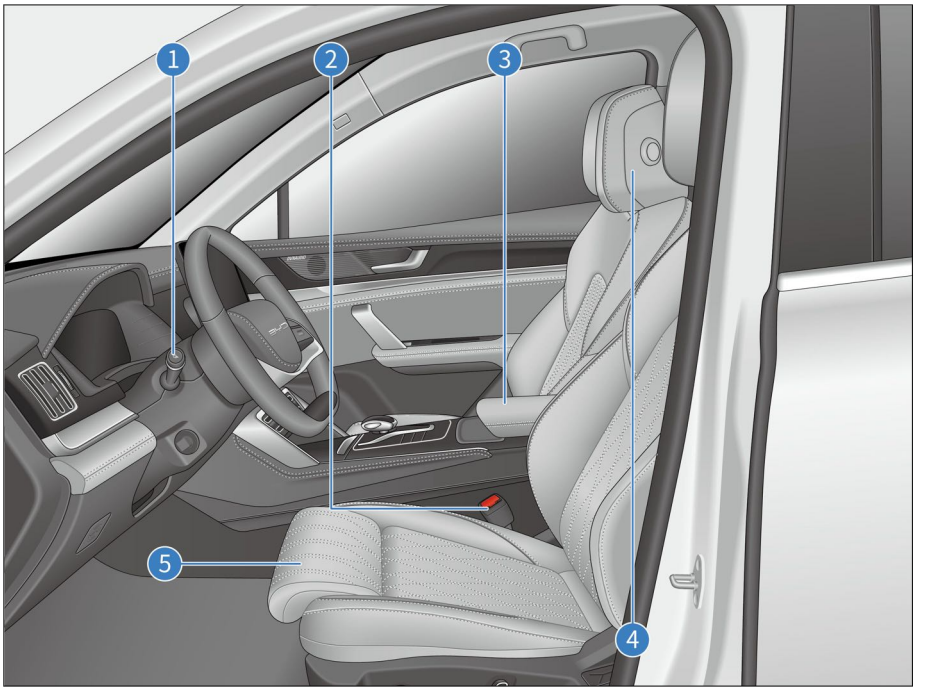

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01 SAFETY

Seat Belts

Seat Belt Overview

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.

WARNING

- 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 ***P23***).
- If a seat belt is damaged or malfunctions, immediately contact a BYD authorized dealer or service provider for confirmation and handling. Until then, do not use the corresponding seat.

- BYD has highly emphasized that all occupants should always fasten their seat belts while in the vehicle. Failure to do so increases the risk of injury in case of an accident.
- The installed seat belts are designed for adults. Appropriate seat belt selections are necessary for different situations.
- It is recommended that children be seated in rear seats and always use seat belts and suitable child restraints. In case of emergency braking or a collision, unprotected children may be seriously injured and their lives may be endangered. Likewise, do not allow children to ride on someone's lap. This will render the children not adequately protected.

Emergency Locking Retractor Function

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

Pretensioner and Force Limiter Function*

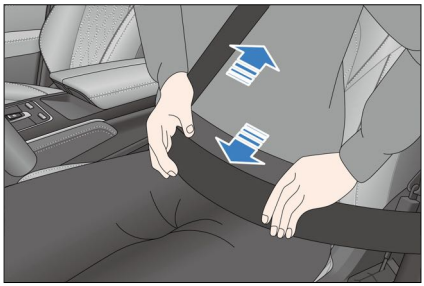
When a severe front collision occurs and the triggering conditions of the pretensioner are met, the pretensioner quickly retracts part of the seat belt and locks it to improve the protection of the occupant. The force limiter limits the seat-belt restraint force to the occupant's body to a certain extent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

Using Seat Belts

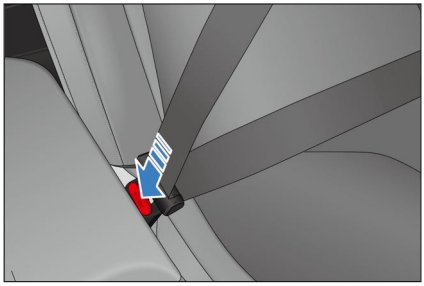
1. Adjust the seat position and seatback angle (see ***P63***).

2. Adjust the position of the three-point seat belt.

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



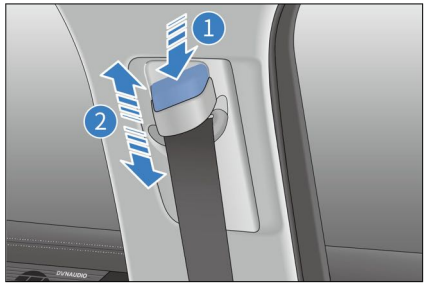
3. Insert the latch into the buckle until it clicks, and then pull it back to make sure it is firmly locked. Do not fasten the belt with any part of the strap twisted.



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

① Press the adjuster release button.

② Move the adjuster up or down to the intended position. Release the button to lock the adjuster.



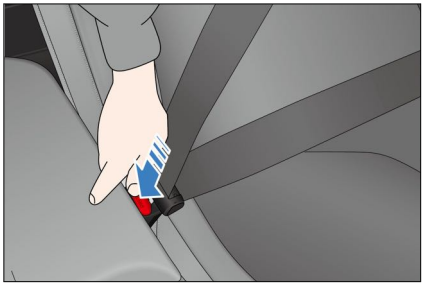
5. Pull the belt firmly to check that the adjuster is locked.

WARNING

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

6. Unlock the seat belt.

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



WARNING

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

WARNING

apparent damage, the seat belt should be replaced along with the seat assembly. The airbag system should also be thoroughly inspected.

- Pregnant women should also fasten the seat belt properly as other occupants, and pay special attention to the lap belt which should be positioned as low as possible around the hips to avoid serious injury to them and their fetus due to the intense lap belt forces against the abdomen in an accident.
- The method of wearing a rear seat belt is the same as that for a front seat belt. For normal functioning of the rear seat belt, please ensure that its latch is inserted into the corresponding buckle during use. The driver should ensure that all occupants are wearing seat belts before driving the vehicle.
- Do not insert foreign objects such as coins and clips into the buckle as they prevent proper connection between the latch and buckle.

Seat Belt Reminders

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

- Seat belt reminder indicator

  Any unfastened seat belt will trigger this indicator to light up and flash as required.

- Display of unfastened belt's seat

  The indicator for the seat with unfastened seat belt lights up and

is steady on in case of abnormal conditions in the vehicle.

- Unfastened seat belt reminder

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

- When the driver and all the passengers fasten their seat belts, the seat belt reminder indicator turns off and all indicators displayed for the corresponding seats turn off.

WARNING

- 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

Airbag Overview

- The airbag system is a part of auxiliary restraint system and also a supplement to seat belts. When the vehicle is involved in a serious collision and the airbag system meets its deployment conditions, relevant airbags will rapidly deploy and, along with seat belts, provide additional protection for heads and chests of the occupants, to reduce likelihood of personal injury or even death.
- Airbags are divided into front and side types according to the type of collision. The front airbags include a driver airbag and a front passenger airbag, while side airbags include front seat side airbags, the far side airbag, and curtain airbags.
- As an integral part of the vehicle's passive safety protection system, the airbag system does not replace seat belts, and must be used in combination with seat belts to maximize protection.

WARNING

- Occupants must sit in a proper position to maximize the protection provided by seat belts and the airbag system.
- Do not disassemble or assemble airbag components without authorization.
- Non-BYD genuine seat covers may worsen the airbag performance or result in injury. Do not place anything between the side airbag and the occupant.
- Do not apply excessive force to the side of seats equipped with side airbags.
- After a collision, even if the airbag module did not deploy, and the pretensioner did not lock the seat belt, the airbag electronic control unit (ECU) may be encrypted in order to protect occupants from high-voltage danger. Contact a BYD authorized dealer or service provider for inspection.

Airbag fault warning light

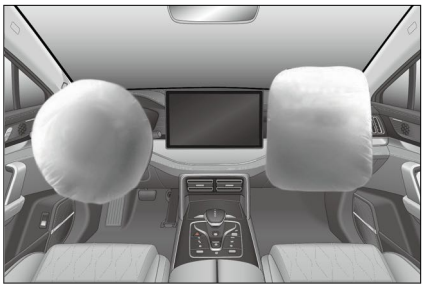
- This airbag system is governed by the ECU and has a self-diagnosis function. Its status is displayed by the warning lights on the instrument cluster.
- With the ignition on, if the airbag warning light stays on for about five seconds and then disappears, the system is running smoothly.

WARNING

- The airbag warning light stays on in the presence of certain system faults. If this light stays on, please head to the nearest BYD authorized dealer or service provider for an airbag system inspection.
- If your vehicle is submerged in water or experiences a certain degree of water damage, do not start the vehicle before cutting off the low-voltage battery. Otherwise, the airbags may deploy, resulting in serious injury or death.

Driver and Front Passenger Airbags

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



Front airbag deployment

- In moderate to severe frontal crashes, a sensor detects a sharp deceleration and sends a signal to the ECU to trigger the front airbags.
- When there is a frontal crash, the seat belt secures the occupant's lower body and torso in place. The airbag cushions and protects the occupant's head and chest.
- When the severity of the impact does not reach the airbag deployment threshold, seat belts provide 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.
- Airbags can inflate rapidly when triggering conditions are satisfied to further protect drivers and occupants in an accident.
- A loud noise will be heard when the airbag deploys. It will not cause injury, but it may cause tinnitus or temporary deafness.
- A cloud of dust from the airbag surface may come off when the airbag deploys. Although such powder is non-toxic, individuals with respiratory problem might experience some temporary discomfort.
- The front passenger airbag is controlled by the passenger airbag switch. See ***P81*** for details.

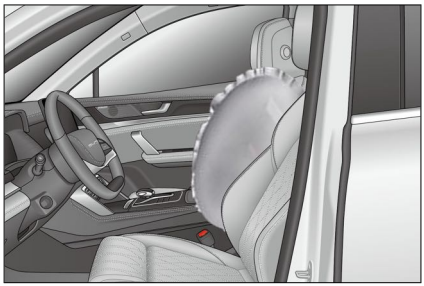
Front Seat Side Airbags

The vehicle is equipped with side airbags for the left and right front seats (installed in the outer edges of the front-row seatbacks and marked with "AIRBAG", as shown in the illustration).

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

Front far side airbag

The vehicle you purchased is equipped with a front far side airbag (installed in the inner edge of the driver's seatback and marked with "AIRBAG", as shown in the illustration).



- 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 optimal far side airbag protection, occupants must have their seat belts fastened and sit upright against the seatback.

In a vehicle equipped with seat side airbags:

- Prevent the seatbacks from getting wet. If they get wet from rain or splashes, the side airbag system may not work properly.
- Do not cover or replace seatback covers on you own. Unsuitable seatback covers may prevent airbag deployment in a collision.

Side Curtain Airbags

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

- When a moderate to severe side impact is detected during vehicle

travel and the triggering conditions are met, the side curtain airbag deploys to protect the head of the occupant on the side of collision.

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

Airbag Triggering Conditions and Precautions

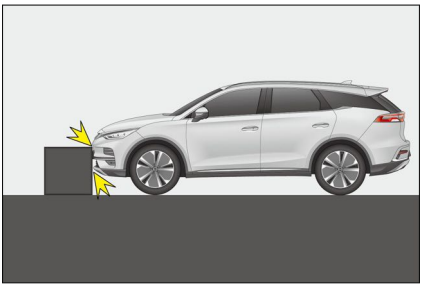
Airbag Triggering Conditions

- 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.

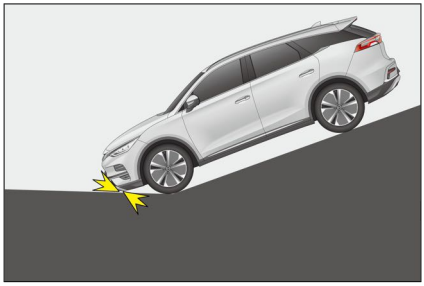
Cases When Airbags May Be Deployed

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

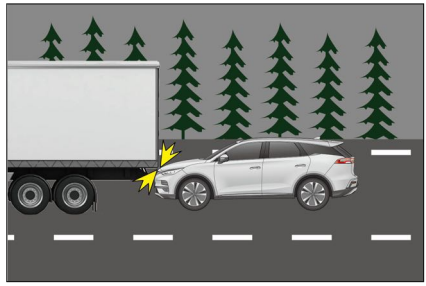
The vehicle hits a bump or curbstone.



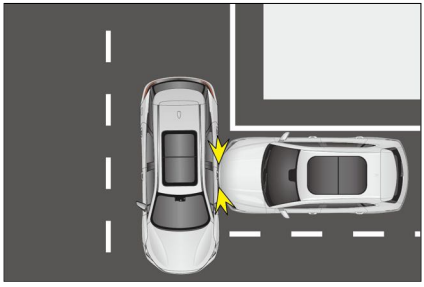
The vehicle's nose hits the ground when going down a steep slope.



One side of the vehicle is hit by another vehicle.

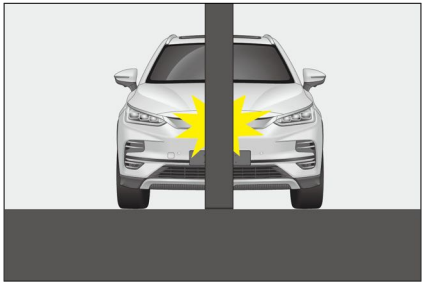


The tail of the vehicle is hit by another vehicle.

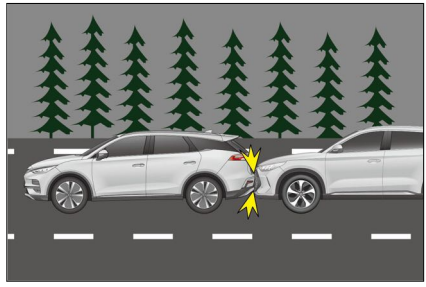


Cases When Airbags May Not Be Deployed

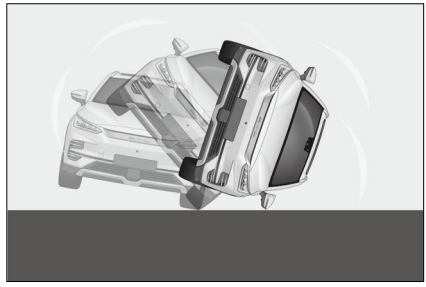
The vehicle hits a concrete column, tree, or other slim objects.



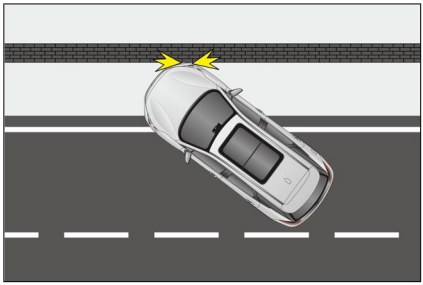
The vehicle goes under a truck or another large vehicle.



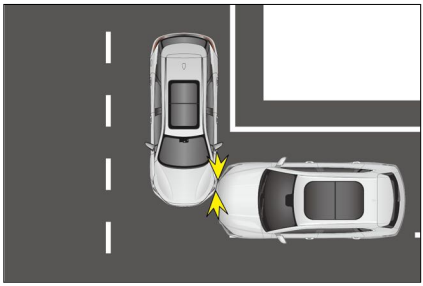
The vehicle rolls over.



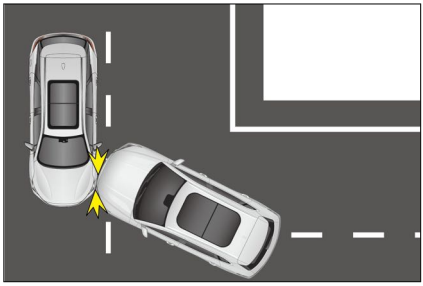
The vehicle hits a wall or a vehicle at a side other than the front side.



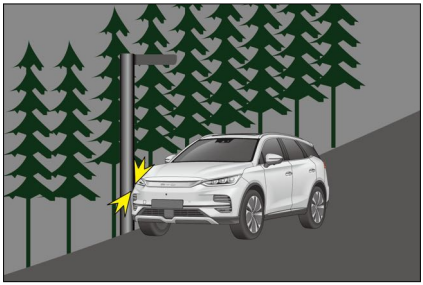
Parts other than the passenger compartment receive side impact.



The lateral side of the vehicle is hit diagonally.



The lateral side of the vehicle hits a columnar object.



WARNING

Airbag Triggering Conditions and Precautions

- Airbags are designed for specific models. Any changes to suspension, tire size, bumpers, chassis and factory-equipped devices may adversely affect the airbag system. Users must not use any parts of the airbag system on other car models; doing so may lead to failure of the airbag system.
- Drivers should maintain a distance of at least 25 cm between their chest and the steering wheel, in order for the system to provide the most effective driver protection.
- Fasten your seat belt and sit properly while the vehicle is in motion. If the seat belt is not fastened, if the occupant is leaning forward or sitting improperly, airbag deployment can increase the risk of injury.
- Do not paste stickers, cover or decorate the hub cover of the steering wheel, the right side surface of the dashboard or the surface of A, B, and C-pillar trims. Clean these surfaces with a dry or damp cloth, without applying too much pressure.

WARNING

- A child is not to be seated in the front passenger seat, nor are they to ride sitting on a front passenger's lap, to prevent serious injury or even casualty caused by airbag deployment.
- No accessories, such as telephone holders, cups, ashtrays, may be installed on airbag covers or within their action range. Otherwise, airbag deployment will increase the risk of injury in an accident.
- Side airbags and side curtain airbags deploy quickly with high impact forces. Occupants must not lean against the doors of vehicles equipped with these airbags while these vehicles are in motion. Failure to do so could result in serious injury or even death.
- Do not place any other accessories or items within the action range of side curtain airbags, including the windshield, side door glass, A-pillar trim, ceiling, B-pillar trim, C-pillar trim and auxiliary handles. When the side curtain airbag deploys, the accessories or items will be thrown by the impact force from the side air curtain airbag, or the side curtain airbag may not deploy normally, resulting in serious injury or even death.
- When transferring car ownership, make sure to pass on all of the vehicle's documents.
- Do not modify or replace seats or trims of the seats with side airbags. These changes may prevent normal deployment of side airbags, and thereby

WARNING

cause airbag system failure or unintended deployment of side airbags, resulting in serious injury or death.

- Do not disassemble or repair the A-pillar trim, ceiling, B-pillar trim or C-pillar trim, which contain side curtain airbags. These changes can cause failure of the airbag system or accidental deployment of curtain airbags, which may cause serious injury or even death.
- Do not change any component of the airbag system, including any corresponding label. It is recommended that any operation done to the airbags be performed by a BYD authorized dealer or service provider.
- Airbags can only provide one-time accident protection. Once the airbag is triggered or damaged, the airbag system must be replaced.
- Follow safety regulations and procedures related to the scrapping of parts of the vehicle or its airbag system.
- The airbag system has strong anti-interference and anti-disturbance resistance to electromagnetic fields around it. However, to avoid accidents, do not use the vehicle in an electromagnetic environment that violates national regulations.
- The airbag system of this vehicle is designed with full consideration of domestic common misuses and road conditions. However, in order to avoid accidents, do not have the bottom of the vehicle

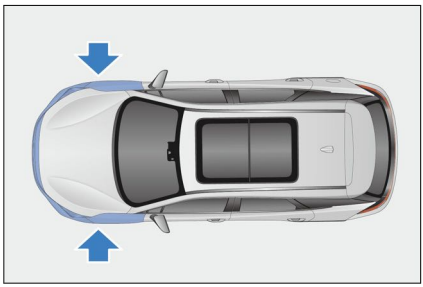
WARNING

impacted or drive roughly in harsh road conditions.

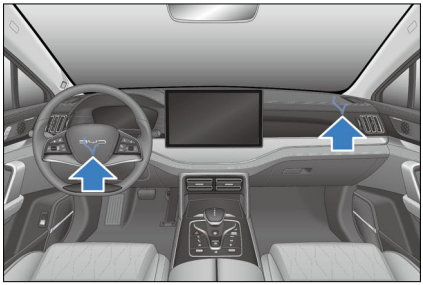
- This vehicle's airbag system has been fully verified to seamlessly match the vehicle's original wiring harness system. Any wiring harness modification or alteration may cause the airbags to deploy mistakenly under normal conditions or fail to deploy in the event of a collision.

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

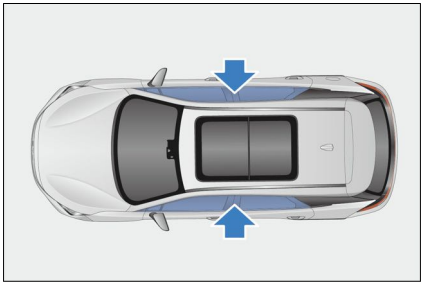
- The airbag has deployed.
- Instrument cluster airbag warning light lights up abnormally.
- An impact to the front of the vehicle in an accident is not adequate to cause the airbag to deploy (the shaded portion as shown).



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



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



Child Restraint Systems

Child Restraint Systems

Child restraint systems provide good protection to your child 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.
- Please follow the instructions provided with the child restraint system and in this manual to make sure the child restraint is properly installed in the vehicle.
- After the child restraint is dismounted from the seat, store it safely in your vehicle.
- Failure to follow the instruction provided with the child restraint and in this manual may cause injuries and even death to your child in an accident.

Children must use a suitable child restraint when traveling in the vehicle. Children should sit comfortably and safely. Make sure that the child restraint is positioned, mounted, and used correctly.

Important considerations for selecting a child restraint system

- The child restraint is the correct type and size for the child.
- The child restraint system is the correct type and size for the seating position.
- The child restraint system must be homologated by ECE R44/R129.

Passenger airbag switch

- The switch is located on the dashboard of the front passenger side.
- See ***P81*** for details.

WARNING

- Never use a rear-facing child restraint on the front passenger seat if the airbag is activated.

Installing Child Restraint Systems

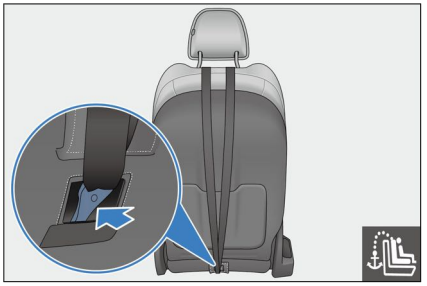
Follow the installation instructions provided by the child restraint manufacturer. Secure the child restraints to the rear seats. Both the second- and the third-row seats are equipped with ISOFIX anchors for child restraints. Make sure to fasten the top tether when installing a child restraint.

Child Restraint System Anchorages

Front passenger seat

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

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



WARNING

- Where applicable to use a top tether strap with the child restraint system, ensure the strap is routed through the hole in the head support before attaching and tensioning the strap to the anchorage point at the base of the seat.

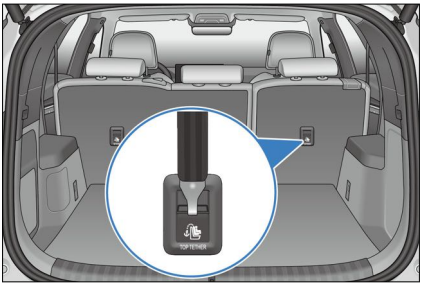
Second-row outboard and third-row seats

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

CAUTION

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

- The outboard seats on the second row and the third-row seats are equipped with tether strap anchorages on the back.

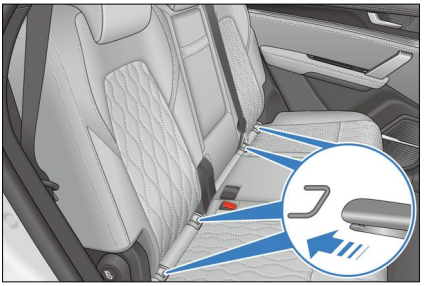


Installing Child Restraint Systems with ISOFIX Rigid Anchor

- Child restraint

1. Check the ISOFIX anchorage provided on the second row outboard seat and secure the child restraint to the seat according to the labeled anchoring position.

- Install the child restraint on the seat.



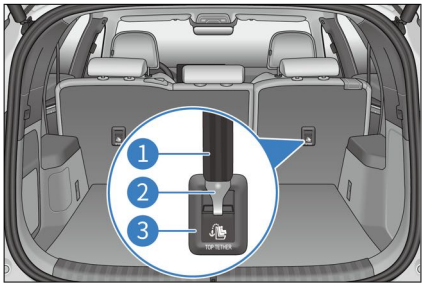
2. Fasten the snap hook of the top tether strap to the anchor support, and tighten the top tether to ensure the strap is secure.

- Second-row seat installation position:

① Top tether

② Snap hook

③ Anchor support

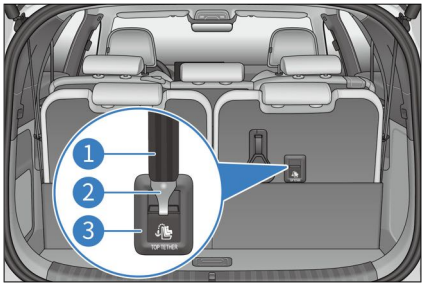


- Third-row seat installation position:

① Top tether

② Snap hook

③ Anchor support



3. Reinstall the head support.

- If the driver's seat obstructs the correct installation of the child restraint, install the child restraint on the seat behind the front passenger.

- Never install a rear-facing child restraint on the seat protected by a front airbag (in the active state), otherwise in the event of an accident, the force of rapid deployment of the front passenger airbag will result in death or serious injury to the child.

Always follow the instructions below when using a child restraint on the front passenger seat:

- Never use a rearward-facing child restraint on the front passenger seat if the airbag is activated. The airbag must be activated immediately after the rearward-facing child restraint system is dismounted from the front passenger seat.
- If needed, adjust the front passenger seat backwards so that there is no contact between the child and vehicle interior.
- If needed, the front passenger seatback can be adjusted so that it has secure contact with the child restraint system.

- For child restraint systems with the guide fitting of belt attached to the child seat headrest, ensure that the guide fitting is positioned forward or in line with the seat belt upper anchorage on the vehicle's B-pillar.
- 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.
- Ensure that the seat belt passes through or over any guide without kinking or folding of the edges.

Always follow the instructions below when using a child restraint on a rear seat:

- When the child restraint system is installed on any rear seats, front seats can be adjusted forward to ensure that the child is not in contact with the front seats. Meanwhile, the front seatback angle can also be adjusted to have more space.
- The head restraint can be adjusted or even removed to ensure that the vehicle seatback can safely support the child restraint system.
- When a child restraint is used without a seatback, or the seat is occupied by an adult, never remove the head support from the vehicle, and adjust it to the required height position.
- When the top tether is used on a outboard rear seat, route it at the outside of each head post.
- For more installation instructions, please read the instructions provided with your child restraint system.

Details on child restraint system installation:

① Driver seat

② Front passenger seat

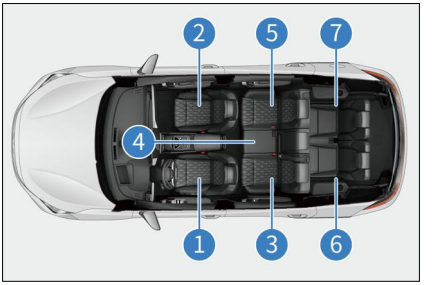
③ Second-row left seat

④ Second-row center seat

⑤ Second-row right seat

⑥ Third-row left seat

⑦ Third-row right seat



	Seating position							
		2						
	1	Front Passenger Airbag Activated[a)]	Front Passenger Airbag Deactivated[a)]	3[b)]	4[b)]	5[b)]	6[b)]	7[b)]
Seating position suitable for universal belted	×	Yes Forward-facing only	Yes	Yes	Yes	Yes	Yes	Yes
Seating position suitable for i-Size	×	Yes Forward-facing only	Yes	Yes	No	Yes	No	No
Largest suitable lateral child restraint system	×	No	No	No	No	No	No	No
Largest suitable rearward child restraint system	×	No	R1/R2X/R2/R3	R1/R2X/R2/R3	No	R1/R2X/R2/R3	No	No
Largest suitable forward child restraint system	×	F2X/F2/F3	F2X/F2/F3	F2X/F2/F3	No	F2X/F2/F3	F2X/F2/F3	F2X/F2/F3
Suitable for booster seat	×	B2/B3	B2/B3	B2/B3	B2/B3	B2/B3	B2/B3	B2/B3

	Seating position							
		2						
	1	Front Passenger Airbag Activated [a]	Front Passenger Airbag Deactivated [a]	3 [b]	4 [b]	5 [b]	6 [b]	7 [b]
Suitable for support leg	×	Yes	Yes	Yes	Yes	Yes	Yes	No

[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 support adjusted or removed.

[b] If necessary, to ensure the child restraint system has direct contact to the rear seatback, the head support can be adjusted or removed. In addition, if there is insufficient space from the seat in front, the front seat can be adjusted forward.

×: seat position not suitable for securing a child restraint system.

Recommended child restraint systems:

Grouping of child stature according to ECE R129 standard

Child Stature (cm)	Manufacturer	Child Restraint System	Comment
40-83	Maxi-Cosi	Pebble 360	Belted
76-105	Britax Römer	Trifix 2 i-Size	ISOFIX, belted and top tether
100-150	Britax Römer	Kidfix i-Size [a]	ISOFIX and belted

[a] Ensure the lap belt is in the SecureGuard, and the diagonal belt is not in the SecureGuard but in the XP-PAD.

Grouping of child weight according to ECE R44 standard

Child Weight (kg)	Manufacturer	Child Restraint System	Comment
22-36	Graco	Booster Basic	Belted

① 40-83 cm

② 76-105 cm

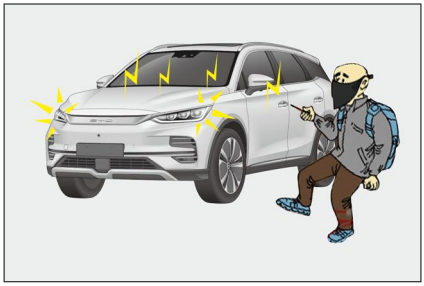
③ 100-150 cm

④ 22-36 kg

Anti-theft Alarm System*

Anti-theft Alarm System*

When armed, the system sounds an alarm and triggers turn signal flashes when any door is opened.



Arming the system

1. Switch the ignition off.
2. All occupants get off the vehicle.
3. Lock all doors. This makes the anti-theft indicator steady on. The anti-theft alarm system will arm automatically in 10 seconds, and the anti-theft indicator will then begin to flash.
4. You can leave the vehicle after confirming that the indicator begins to flash. Since unlocking the door from inside the vehicle will activate the system, never let anyone stay in the vehicle with the system enabled.

Triggering the alarm

- The system will raise an alarm in any of the following situations:
  - Any door, trunk lid or hood is unlocked without using the smart key access function.

Disarming the system

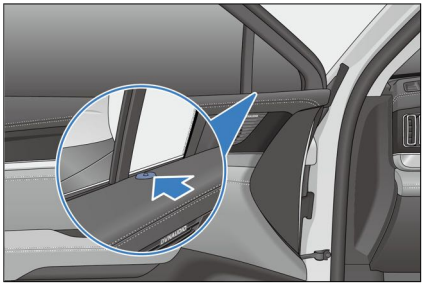
- Anti-theft alarm can be stopped by:
  - Unlock the doors or the trunk with a valid smart key.
  - Using the microswitch to unlock the door by carrying a valid smart key.
  - Opening the trunk remotely with a valid smart key.
  - Use a valid NFC (card or phone) key to unlock the door.
  - Starting the vehicle remotely with a valid smart key.
  - Pressing the START/STOP button inside the vehicle while carrying a valid smart key.

WARNING

- Do not 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 steady on for 10 seconds.



Data Collection and Processing

Data Collection and Processing

- This section provides you with some important information on how personal data is collected and processed when you use a BYD vehicle.
- For a more detailed overview on data processing, data protection and data subject rights, please read the current version of the privacy policy for the vehicle available at the infotainment system (**Vehicle** → **System** → **More** → **Privacy Policy**).
- This vehicle is equipped with an event data recording (EDR) system. 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 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 diagnosis and over-the-air (OTA) updates and upgrades for security and safety purposes (subject to owner's approval).
- These monitoring services serve the following purposes: service provision (remote support/diagnostics), product development, and security/public safety.
- Depending on the country and setup, various vehicle information can be transmitted to BYD's data center in corresponding market for the above purposes, including vehicle location information, vehicle status, such as energy consumption, vehicle speed, gear position, power mode, ESC status, steering system status, battery status, powertrain status, and overall vehicle performance status.

Other

Infotainment system

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

Integration of mobile devices

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

Internet access and connected services

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

Camera image recording/surrounding area monitoring

- Your vehicle is equipped with a number of cameras/sensors.
- The reason for this is that some vehicle functionalities require the vehicle's path to be detected and assessed which is done by cameras that detect objects in the vehicle's surroundings (e.g., obstacles).
- The images are transmitted to the respective control module for further analytics required to operate the systems.
- Some images are just processed on a volatile basis (RAM), others may be stored, depending on vehicle equipment.
- You are responsible to check the laws of your residence if you turn the camera on.
- For more camera details, see section "Panoramic View System" in this manual.

Permanent Vehicle Transfer to Third Parties and Offline Mode

- In case of a permanent vehicle transfer, i.e., second hand vehicle, or vehicle transfer by a third party for permanent use, it must be noted that any personalization/user settings made via the infotainment system (e.g. address list, navigation system, etc.) may be accessed by the new owner.
- You can also restrict your vehicle's communication with the BYD data server and the processing of vehicle-related and personal data by setting the vehicle to offline mode.
- On the infotainment touchscreen, tap  to turn Wi-Fi off.
- This can also be done by tapping  → **System** → **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, subject to applicable laws, government agencies may be authorized to read out data from vehicles (e.g. data can be read from the airbag control unit to clarify an accident).
- If required by law, BYD may also be obliged to disclose data upon request to governmental authorities in your country, e.g. in the investigation of a criminal offence.

Your Data Protection Rights

- BYD has staunch respect for its customer's privacy, and strictly complies with all data protection laws, in particular the General Data Protection Regulation (GDPR) and applicable local laws.
- According to these laws, owners have specific rights when their personal data is processed:

- Data subjects have the right of information and access, to rectification, erasure of personal data ("right to be forgotten") and the right to object to the processing of personal data or to restrict it (or to withdraw consent given earlier, as well as the right to data portability).

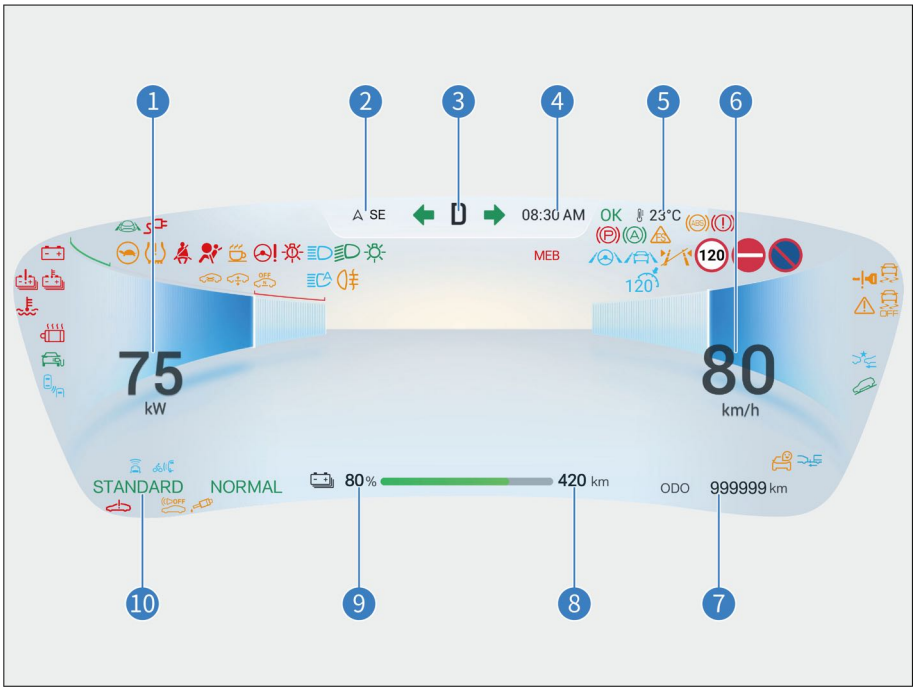
- These rights may be limited in some cases. For example, if we can show that we have a legal obligation to process your data, or if providing the information to you would disclose personal data about another person, or if we are legally prevented from disclosing that information.
- In some cases, this may mean that we can retain the data even if you withdraw your consent.
- For more information on data processing, data protection, and any rights you may have, please visit the latest version of the Privacy Policy available at the infotainment system (**Vehicle** → **System** → **More** → **Privacy Policy**).

02 INSTRUMENT CLUSTER

Instrument Cluster

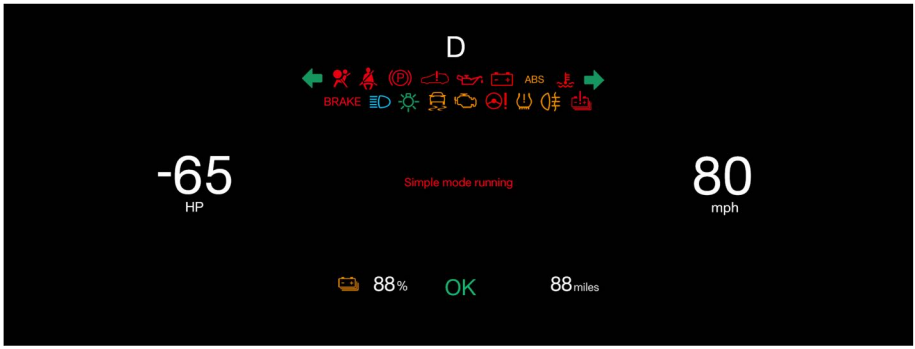
Instrument Cluster View

LCD Instrument Cluster



1	Power meter	6	Speedometer
2	Direction	7	Odometer
3	Gear status	8	Driving range
4	Time	9	State of charge (SOC)
5	Outside temperature	10	Regenerative braking intensity

Instrument cluster view in simple mode



REMINDER

- During occasional communication delays in the instrument cluster system, the instrument cluster may automatically switch to simple mode for safe driving. In this mode, the cluster continues to display driving related information normally without affecting normal vehicle travel. After the system becomes normal, the cluster may automatically exit the simple mode. If it does not, try the following actions to switch back to normal mode:

  1. Press and hold the scroll button on auxiliary dashboard for three seconds to restart the instrument cluster information display system.
  2. While vehicle safety is ensured, operate the vehicle power switch to turn off the vehicle and then turn the ignition on.

- If the instrument cluster remains in simple mode after those actions have been taken, promptly contact a BYD authorized dealer or service provider for inspection.
- The image of the instrument cluster view is for reference only and is subject to actual factory configuration.

Instrument Cluster Indicators

Indicators/Warning Lights

	Turn signal indicator		Position light indicator
	ACC speed indicator		Discharge indicator

	AVH indicator		AVH standby indicator
	ICC indicator		Hill descent control indicator
	BSD indicator	NORMAL	Normal mode indicator
OK	OK indicator	ECO	Economic mode indicator
SPORT	Sport mode indicator		AEB indicator
	High beam indicator		AFL indicator
	Towing mode indicator		LDA indicator
	ACC standby indicator		ACC fault indicator
	Main alarm indicator		ABS fault warning light
	Tire pressure fault warning light		ESC OFF warning light
	ESC fault warning light		Rear fog light indicator
	Smart key warning light		Snow mode indicator
	Headlight fault warning light		Driving power limit warning light

	Driver monitoring assistance fault indicator		AEB warning light
	CPD indicator/warning light		Zero position indicator light
	BSD fault indicator		LDA fault warning light
	Anti-theft indicator		Seat belt reminder indicator
	TSR indicator		Charging connection indicator
	Powertrain fault warning light		High-voltage battery fault warning light
	High-voltage battery overheating warning light		Coolant overheating indicator
	Airbag fault warning light		Parking system fault warning light
	Steering system fault warning light		Low-voltage power system fault warning light
	AEB warning light		EPB indicator

Warning Lights/Indicators Description

 Smart key warning light

- If the key is not in the vehicle when the START/STOP button is pressed, the warning light will light up for a few seconds, a beep will be heard, and a "Key not detected" message will be displayed.
- If you carry the electronic smart key and press the START/STOP button, this warning light will not light up and the vehicle can be powered on.
- This warning light will disappear if the key is taken into the vehicle within a few seconds after the light turns 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 anti-lock braking system (ABS) is working properly, the light goes out in a few seconds. Thereafter, if the system fails, the light lights up again until the fault is cleared.
- When the ABS fault warning light is on (with the parking system fault warning light off), the braking system continues to operate whereas the ABS does not.
- When the ABS fault warning light is on (with the parking system fault warning light off), since the anti-lock braking system does not operate, the wheels will be locked in case of emergency braking or braking on a slippery road.
- If any of the following cases occurs, it means there is a fault in components monitored by the warning light system. In that case, contact a BYD authorized dealer or service provider for vehicle inspection as soon as possible.
  - This warning light does not come on or is steady on when the ignition is on.
  - This warning light turns on during driving.

REMINDER

- 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.
- The ABS has a self-check function. Any detected fault will cause the ABS indicator to light up on the instrument cluster. This means the ABS fails, but the brake can still function as that of an ordinary non-ABS vehicle. It is recommended to contact a BYD authorized dealer or service provider for inspection as soon as possible.
- 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.
- If the brake pedal feels abnormal, take measures immediately. The braking system is dual-circuited, so partial failure cannot prevent the other two wheels from braking. In such a situation, you need to press the brake pedal further to slow the vehicle, and braking distance is longer. A longer braking distance can present serious driving hazards, so the vehicle must be towed away for immediate repair.
- If you must drive under such conditions, proceed at low speed with extreme caution.

Tire pressure fault warning light

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

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

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

ESC fault warning light

- This warning light comes on when the ignition is on. If electronic stability control (ESC) functions properly, the light goes out in a few seconds. If the system fails, this warning light turns on again until the system fault is cleared.
- If the ESC warning light flashes temporarily while the vehicle is in motion, it indicates the ESC system is working.
- When the ESC warning light turns on (with the ABS fault warning light and the parking system fault warning light off), the ESC fails, but the ABS and the braking system continue to operate normally.
- When the ESC warning light turns on (with the ABS fault warning light and the parking system fault warning light off), the ESC system does not work. This means the vehicle is extremely unstable at sharp turns or when the driver steers away from obstacles ahead.
- If any of the following cases occurs, it means there is a fault in components monitored by the warning light system. In that case, contact a BYD authorized dealer or service provider for vehicle inspection as soon as possible.
  - When the ignition is switched on, this warning light remains off or is solid on after the ignition is switched on.
  - This warning light is steady on while driving.

REMINDER

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

ESC OFF warning light

- With the ignition on, this warning light turns on for a few seconds and then disappears.
- When the ESC OFF switch is pressed, this warning light should remain steady on and the ESC system will

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

REMINDER

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

 Driving power limit warning light

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

 Main alarm indicator

If this indicator goes on, check the fault prompt on the instrument cluster.

 Headlight fault warning light

- A yellow warning light means one failed headlight, while a red warning light means both have failed.
- When this indicator is on, it is recommended to bring the vehicle to a BYD authorized dealer or service provider for inspection.

 Driver monitoring assistance fault indicator

- Driver monitoring assistance evaluates the driver's degree of fatigue by the vehicle operation status. The driver would be reminded according to the evaluation results to ensure driving safety.

 CPD indicator/warning light

- CPD indicator: If child presence detection (CPD) is turned off, the indicator is solid on, and the OFF reminder lasts for five seconds. Tap **Standard** or **Delay**. The indicator turns off and CPD is enabled.
- CPD warning light: If the CPD fault reminder lasts for five seconds and the indicator is solid on, it indicates that the CPD system fails. It is recommended to bring the vehicle to a BYD authorized dealer or service provider for inspection.

 Zero position indicator light

- If the vehicle loses power due to abnormal operations such as connecting/disconnecting low-voltage batteries or fuses, when the power supply of the vehicle is restored, the zero position indicator light on the instrument cluster lights up.
  - In this case, it is necessary to perform zero self-learning operation of the steering wheel angle, namely: Turn the steering wheel slowly and fully to the left and right respectively, and release it in two to five seconds. Then shut down the engine and wait for over 10 seconds. Restart the vehicle, the indicator goes off, and self-learning is complete.

 Seat belt reminder indicator

This warning light reminds the driver and the front passenger to fasten their seat belts. With the ignition on, if either you

or the front passenger doesn't fasten a seat belt, the corresponding seat belt indicator will light up. It remains on until the seat belt is fastened.

 Airbag fault warning light

- With the ignition on, this warning light turns on and then off after a few seconds if the airbag system is working properly. This warning light is used to monitor the airbag ECU, collision sensors, inflation device, warning lights, connections, and power supply.
- If any of the following cases occurs, it means there is a fault in components monitored by the warning light system. In that case, contact a BYD authorized dealer or service provider for vehicle inspection as soon as possible.
  - 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 or flashes during driving.

 Parking system fault warning light

If any of the following conditions occurs, immediately park the vehicle in a safe place. It is recommended to contact a BYD authorized dealer or service provider.

This warning light lights up in the following conditions:

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

REMINDER

- When the brake fluid level is low, park the vehicle because it is dangerous to continue driving.
- This warning light is solid on although after starting the vehicle, the brake fluid level and EPB system operation are normal (the EPB is engaged and released normally, and the message "Please check the EPB" is not displayed).
- The brake system warning light stays on with the ABS fault warning light. In this case, the braking system or the EPB may not work normally, lengthening the braking distance. Therefore, during braking, the ABS does not function, and the vehicle is unstable. Proceed with caution.
- A warning light that lights up briefly during operation does not indicate a problem.

REMINDER

If any of the following conditions occurs, immediately park the vehicle in a safe place. It is recommended to contact a BYD authorized dealer or service provider.

- When the drive motor is running, this light stays on even if the EPB is released. The brake may malfunction, resulting in extended stopping distances. Firmly press the brake pedal to initiate an emergency stop.
- The brake system warning light stays on with the ABS fault warning light. In this case, if brakes are applied, the ABS will not work and the vehicle will become extremely unstable.

 Steering system fault warning light

- When the steering system is faulty, this warning light is steady on. It is recommended to bring the vehicle to

a BYD authorized dealer or service provider for inspection.

REMINDER

- The steering system features an electric motor to reduce the force required to turn the steering wheel.
- When turning the steering wheel, a hum may be heard from the running motor. This does not indicate that the motor is faulty.
- Do not turn the steering wheel to its limit position for more than five seconds, otherwise the temperature protection will be activated and the steering system will be damaged or steering will become heavy.

- If you have turned the steering wheel frequently with the vehicle staying put for a long time, the steering wheel may become difficult to turn even if the warning light does not turn on. This is not a fault.
  - To prevent steering system overheating, the power assist effect will be reduced if the steering wheel has been frequently turned with the vehicle staying put for a long time. As a result, the steering wheel become difficult to turn. In this case, reduce steering frequency or power off the vehicle, and the system will recover within 10 minutes.
- In cases where low-voltage battery has low SOC.
  - When the low-voltage battery voltage drops below the EPS working threshold of 9V, EPS will stop providing steering power. The low-voltage battery should therefore be inspected and charged or swapped if necessary.
- A dead motor may prevent the EPS system from working, so never turn off the motor during driving. If the motor dies while driving, hold on to the steering wheel, pull over immediately, and contact a BYD authorized dealer or service provider.

WARNING

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

Low-voltage power system fault warning light

- It lights up when the DC system or low-voltage battery fails.
- Charging and discharging stop when this warning light turns on.
- When this warning light lights up and remain steady on while driving, the vehicle speed will be limited.
- This light is used to warn about the operating state of the DC module and the low-voltage battery module when the vehicle is not being charged or discharged.
- If this warning light turns on while driving, it indicates that there is a problem with the DC system or the low-voltage battery.

Powertrain fault warning light

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

- This warning light is steady on when the ignition is switched on.
- This warning light turns on during driving.

CAUTION

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

High-voltage battery overheating warning light

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

High-voltage battery fault warning light

- This warning light comes on when the ignition is switched on. If the high-voltage battery system is working properly, this warning light will turn off in a few seconds. Thereafter, if the system fails, this light will light up again. It is recommended to contact a BYD authorized dealer or service provider for inspection as soon as possible.
- If any of the following cases occurs, it means that there are faults in the components monitored by the warning light system. In such case, it is recommended to contact a BYD authorized dealer or service provider for vehicle inspection as soon as possible.
  - This warning light is steady on when the ignition is on.
  - This warning light is steady on or occasionally turns on while driving.

Coolant overheating indicator

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

AEB warning light

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

Door status indicator

When any door, the trunk or the hood is not closed, the indicator indicates the vehicle body and corresponding status. You will also hear a prompt sound when the vehicle speed exceeds certain range.

TSR indicator

When this indicator lights up, it means that the vehicle system has recognized

the speed limit value on current road section.

Other Instrument Cluster Fault Prompts

The instrument cluster may display the following fault prompts. Handle them as recommended:

Symbol	Error message	Response
	Please check the OBC system	The on-board charging system is faulty. In this case, check the charging connection, and reconnect the charging equipment. If the fault persists, contact a BYD authorized dealer or service provider.
	Please check the data network of the vehicle	The vehicle may be disconnected from the data network. In this case, park the vehicle immediately, and contact a BYD authorized dealer or service provider.
	Please check the memory system	The memory system is faulty. In this case, contact a BYD authorized dealer or service provider.
	EV power limited	The EV function is limited. Contact a BYD authorized dealer or service provider immediately.
	Please check the headlight	The headlight is faulty. In this case, contact a BYD authorized dealer or service provider.
	Please check the FCW system*	The FCW system is faulty. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.
	AEB limited*	The AEB system is faulty. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.
	Please check the BSD system*	The blind spot detection system for lane change is faulty. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.
	BSD limited*	The BSD function is limited. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.
	Please check the gear*	The shifter controller is faulty. In this case, park the vehicle immediately, and contact a BYD authorized dealer or service provider.

Symbol	Error message	Response
	Please check the multi-purpose camera*	The multi-purpose camera is faulty. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.
	Multi-purpose camera limited*	The function of the multi-purpose camera is limited. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.
	Intelligent-camera is not available due to poor condition*	The intelligent-camera is unavailable. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.
	Please check the LDWS*	The lane departure warning system is faulty. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.
	Please check the LKS*	The lane keeping system is faulty. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.
	LKS limited*	The LKS function is limited. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.
	Please check HDC system	The HDC system is faulty. In this case, contact a BYD authorized dealer or service provider.
	IMU not calibrated*	This indicates the active suspension is not calibrated, which may affect your driving experience. Please contact a BYD authorized dealer or service provider.

03 CONTROLLER OPERATION

Doors and Keys

Keys

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

Electronic Smart Key

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

① Indicator

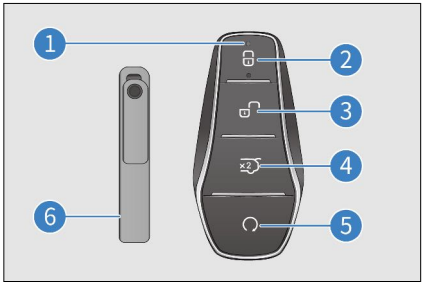
② Lock button

③ Unlock button

④ Trunk release button

⑤ Start/Stop button

⑥ Mechanical Key



WARNING

- The button (coin) battery in the smart key is hazardous and both new and used batteries are to be kept away from children at all times.

WARNING

- If swallowed or placed inside any part of the body, a lithium button battery can cause severe or fatal injuries in two hours or less.
- Medical attention should be sought immediately if it is suspected the button battery has been swallowed or placed inside any part of the body.

CAUTION

- The smart key is an electronic component. Observe the following instructions to prevent damage to the key:
  - Do not expose the smart key to high temperatures, such as on the dashboard.
  - Do not disassemble the smart key without authorization.
  - Do not let the smart key hit other objects or fall down.
  - Do not immerse 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 to the smart key any objects (such as a metal seal) capable of cutting off electromagnetic wave signals.
  - 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

CAUTION

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 smart key battery may be exhausted. Check the battery inside the electronic smart key. It is recommended to contact a BYD authorized dealer or service provider for battery change.

- If you lose your smart key, it is recommended to contact a BYD authorized dealer or service 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), or arbitrarily connect the external detection antenna or switch other transmitting detection antennas.
- Do not generate harmful interference to legal radio communication services when using the smart key. Once any interference is found, stop using the smart key immediately, and take measures to eliminate the interference before using it.
- The use of micropower radio equipment must be free from interference of all radio services or from radiation of devices for industrial, scientific and medical applications.
- Do not use it near aircraft or airports.

CAUTION

- 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 unknown consequences to the use of such medical devices.
- When leaving the vehicle, always carry your key and lock the vehicle. Never leave anyone (especially children) alone in the vehicle.

Mechanical Key

Use the mechanical key (inside the smart key) to lock or unlock the driver's door. When the key is not used, be sure to insert the mechanical key back into the smart key.

Taking out the mechanical key

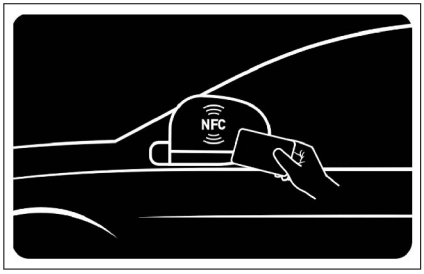
When using the mechanical key in the electronic smart key, slide the lock-up button in the direction of arrow ① and push the back cover of the smart key in the direction of arrow ②, hook the head hole of the mechanical key with the projection parts at both ends of the back cover of smart key and pull it in the direction of arrow ③ to take out the mechanical key, as shown in the figure.

Reinstall the mechanical key

After using the mechanical key, insert it in the opposite direction of arrow ③ and close the back cover of the smart key. The mechanical key can only be inserted in one direction.

NFC Key Card

- With ignition off, tap the NFC key card against the mark on the driver's side mirror to lock or unlock all doors.



CAUTION

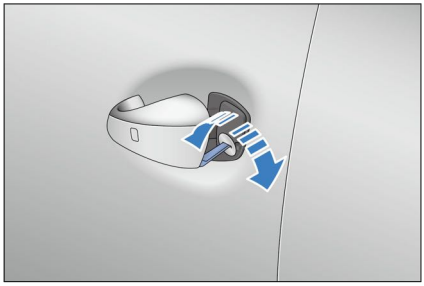
- NFC key card is an electronic product. The following instructions must be observed to prevent function failure of or damage to the card:
  - Do not place the NFC card in the charging area when the wireless charger is on.
  - Do not attach any object (such as a metal seal or metal phone case) that may cut off electromagnetic waves, when using the NFC card.
  - Do not place the NFC card in a position exposed to high temperature, such as on the dashboard.
  - Do not bend the card with force.
  - Do not place the card with other hard objects.
- NFC key cards use near-field communication technology, requiring a detection distance of less than 2 cm. Hold your NFC card close to the side mirror for 1-2 seconds.
- The NFC smart card is a key configured for the vehicle based on the near field communication method. In order to ensure vehicle safety, handle it with care. If it is lost, going to BYD authorized dealer or service provider for blocking of the lost card and re-configuration is recommended.

Locking/Unlocking Doors

Locking/Unlocking with Mechanical Key

Pull the driver's door handle to its maximum angle. Insert, turn, and then pull out the mechanical key. Pull on the door handle to open the door.

- To unlock the driver's door: Turn the key clockwise
- To lock the driver's door: Turn the key counterclockwise

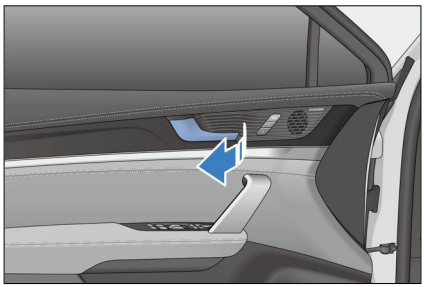


CAUTION

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

Opening with Interior Door Handle

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



CAUTION

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

Locking/Unlocking with Smart Key

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

Locking:

- When all the doors and the hood are closed, press the lock button to lock all the doors. If the vehicle is shut down, the side mirrors will fold (rear mirror fold is enabled on infotainment touchscreen → **Vehicle** → **Comfortable Use** → **Side mirror auto fold**) with turn signals flashing once. If the ignition has not been switched off, the side mirrors will not fold, the turn signals will not flash, and the alarm will sound once. Check whether all doors are securely locked.

- If a door, the hood or the trunk is not closed, the turn signals will not flash, and the horn will sound once.

Unlocking:

- Press the unlock button to unlock all the doors at the same time. The turn signals will flash twice.
- When you unlock all the doors with the smart key, even if no door is opened,

the interior lights will stay on for 15 seconds and then go out.

- If the anti-theft alarm system is armed, open any door within 30 seconds after unlocking with the smart key. Otherwise, all the doors will lock automatically.
- If the key is in the vehicle when the doors are closed and locked, the vehicle will unlock automatically and the turn signals will flash twice.

Finding the Vehicle with Smart Key

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

Raising/Lowering Windows with Smart Key

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

WARNING

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

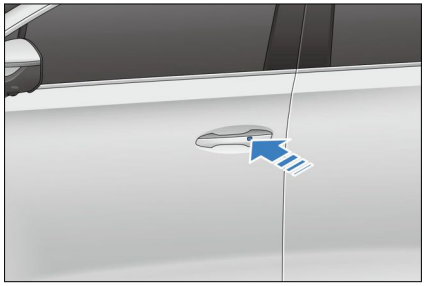
REMINDER

- To enable or disable key unlock/lock/closing window functions, go to → **Vehicle** → **Locks**. (Configurations of the actual vehicle prevail.)

Locking/Unlocking with Microswitch

Locking

- With the doors closed but not locked, press the microswitch on the front door handle while carrying the smart key. All the doors are locked. If the vehicle is shut down, the side mirrors will fold (rear mirror fold is enabled on infotainment touchscreen → **Vehicle** → **Comfortable Use** → **Side mirror auto fold**) with turn signals flashing once. If the ignition has not been switched off, the side mirrors will not fold, the turn signals will not flash, and the alarm will sound once.



- If a door, the hood or the trunk lid is not closed, pressing the microswitch will still lock the closed doors, but the horn will only sound once, and the turn signals will not flash.

Unlocking

- When doors are locked, press the microswitch on the front door handle while carrying the smart key. All doors unlock and turn signals flash twice.

- If the anti-theft alarm system is armed, open a door within 30 seconds after the unlocking. or all doors will relock automatically.
- Pressing the microswitch does not work if:
  - This is performed while a door is being opened or closed.
  - The ignition is not switched off.
  - The smart key is left 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 with Microswitch

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

Locking/Unlocking with NFC Key Card

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

Locking doors:

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

Unlocking doors:

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

CAUTION

- The keyless start permission lasts for up to 10 minutes.

Locking/Unlocking the Trunk

Opening/Closing trunk with smart key

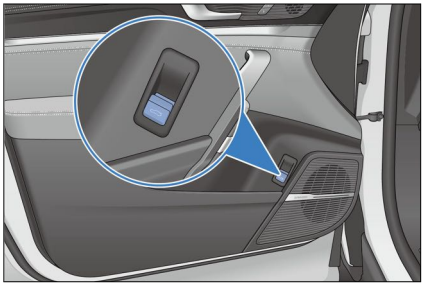
Double-click the trunk release button on the smart key, and the turn signals will flash twice. Press this button again to stop opening. Then double press it to close the lid.

REMINDER

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

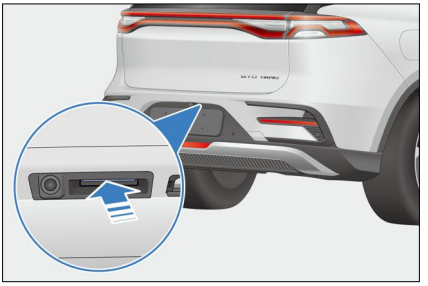
Opening/Closing the trunk from the inside

- When the trunk lid is closed, pull the switch once, and the lid will automatically unlock and open to the set height (maximum height by default).
- While the trunk lid is opening, pull this switch again to freeze it in place.
- With the vehicle powered on and the trunk open, pull this switch for more than one second to automatically close the trunk. Release the switch to freeze the closing motion.



Opening the trunk with exterior switch

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

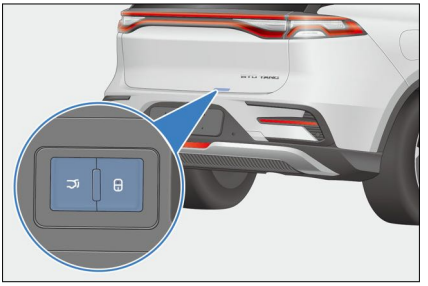


REMINDER

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

Trunk lid close button

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

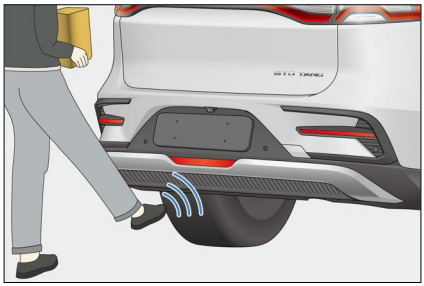
With the vehicle power switched off and the trunk open, press the lock switch while carrying a valid smart key to close the trunk and lock the vehicle, and the vehicle enters anti-theft mode.

CAUTION

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

Opening the Trunk by Automatic Kick Sensing

- When you stand in the effective detection area of the trunk lid sensor with the correct smart key carried, raise your foot comfortably and smoothly and make a kicking move under the rear bumper without touching it.
  - This opens the trunk if it is closed.
  - This closes the trunk if it is open.
  - This freezes the trunk lid while it is moving. Kick again to move the trunk lid in the opposite direction.



WARNING

- Please make sure to kick up only within the sensor detection range.
- Make sure to stand steadily on the ground and keep enough distance with the rear of the vehicle when doing the kicking gesture. Otherwise, you may lose balance (for example, on the ice).

WARNING

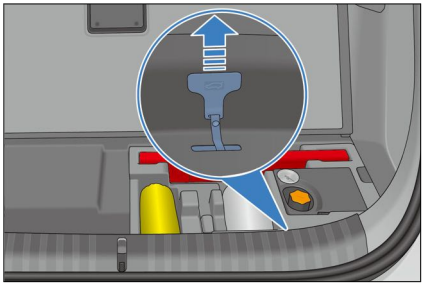
- Please don't carry smart keys in case the trunk lid pops up accidentally in the following situations:
  - You are to place or pick up an object at the rear of the vehicle.
  - You are to maintain (e.g. polish) the rear of the vehicle.

REMINDER

- Complete kicking within 1s.
- Please ensure the smart key is within one meter from the trunk when using the hands-free trunk opening function.
- When rainwater or vehicle wash water flows in a stream through the rear bumper, or snow covers the rear bumper, there will be a delay in opening the trunk lid by kicking. After this situation disappears for some time, the hands-free access control system will return to normal.
- When the trunk lid lock is being actuated, there is no response to another kicking gesture.

Emergency Trunk Releasing from the Inside

Open the tool box cover in the trunk. Facing the trunk lid, you will see a handle on the side of the tool box on your left. This handle is attached to the inner side of the trunk lid. Separate the handle from the surface. Pull the handle to the left, and meanwhile push the trunk lid outward to open it.



REMINDER

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

Setting trunk opening height

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

Anti-pinch function

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

When the trunk fails to act automatically

Manually and completely close the trunk for recovery.

When reconnecting the low-voltage battery

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

WARNING

- In order to prevent serious injury, make sure to observe the following precautions:
  - Never try to deliberately activate the anti-pinch function.
  - Make sure to alert people nearby of the lid motion.
  - Make sure hands and fingers are clear from the lid area when it is closing.
  - Make sure the surrounding area is safe when opening or closing the trunk.
  - Make sure the trunk is properly closed when the vehicle is in motion.
  - Make sure to remove any ice or snow from the area before opening the boot, 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.

WARNING

- The anti-pinch function may fail depending on the object shape. Be especially careful about hand and fingers.

Locking/Unlocking with Central Locking

Locking or unlocking with central locking

See ***P79*** in "Driver's Door Switches" in this chapter.

Locking or unlocking doors automatically

- All doors automatically lock at vehicle speeds above 8 km/h.
- Press the START/STOP button to switch the ignition off. Then, all doors are unlocked automatically.

Locking/unlocking all doors concurrently

- With the anti-theft alarm system disarmed, the backlight of the central lock button turns on if the vehicle is locked and off if the vehicle is unlocked.
- Pressing the central lock button locks all doors so that any attempt to open any door from the outside fails. At this time, pull the interior handle to unlock a door and pull a second time to open it.

REMINDER

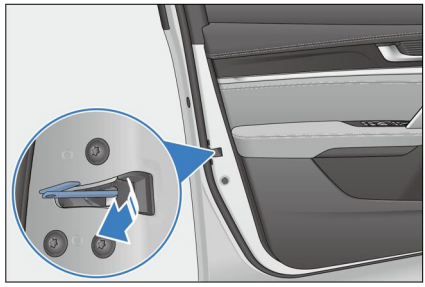
- All doors unlock automatically when the vehicle suffers a strong impact, depending on the impact intensity and accident type.

Emergency Vehicle Locking with Mechanical Key

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

Locking

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



3. Open the driver's door after locking other doors. Lift and hold the driver's door handle and pull it to its maximum angle.
4. Insert the mechanical key into the keyhole, turn it counterclockwise as far as it can go, return it to the initial position and pull it out. (See ***P52*** in this Chapter.)
5. Release the handle and close the driver's door.
6. Check whether all doors are securely locked.

Unlocking

1. Remove the mechanical key from the smart key.
2. Lift and hold the door handle and pull it to its maximum angle.

3. Insert the mechanical key into the keyhole, turn it clockwise as far as it can go, return it to the initial position and pull it out.
4. Release the door handle and pull it again to open the driver's door.
5. Pull the interior handle twice to unlock the three other doors.

Smart Access and Start System

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

Access

Use the smart key to unlock or lock the vehicle doors. (see ***P53*** and ***P54*** in this chapter).

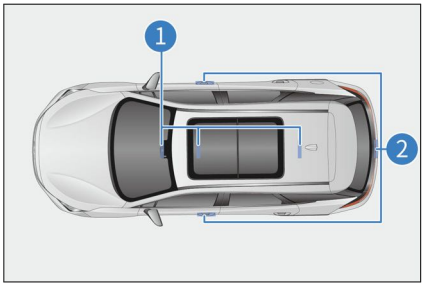
Start-up

With the smart key inside, press the brake pedal and the START/STOP button to start the vehicle. (See ***P116*** for details.)

Antenna positions

① Interior antenna

② Exterior antenna

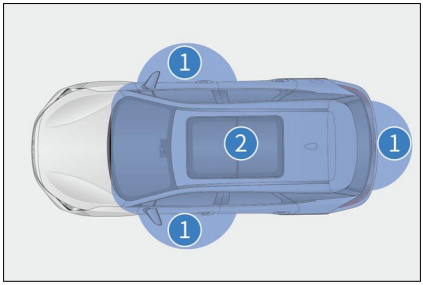


Active area

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

① Active area of the access function: about one meter from the front door handle and the exterior trunk switch.

② Active area of the start function: inside the cabin.



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

REMINDER

In the following situation, smart access and start system may not work normally:

- 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.

REMINDER

- Another wireless remote control function is being used nearby.
- When the smart key battery runs out.
- The smart key is close to high-voltage equipment or equipment that produces noise.
- The smart key is being carried along with another smart key or radio-wave-emitting device.
- Even within the active area, the smart key may not work properly in certain locations, for example, on the dashboard, in the glove box or on the floor.

- If the smart access system is not working properly and it is impossible to enter the vehicle, the mechanical key can be used to lock/unlock the driver's door, or the wireless remote control function can be used to lock/unlock all doors.
- Pressing the Start/Stop button may not enable the start function due to:
  - Smart key failure. If the smart key warning light comes on and a message ("Low key battery, please replace the battery soon") is displayed on the instrument cluster, the battery of the key may be exhausted.
  - The vehicle is started repeatedly in a short time. Please wait for 10 seconds and start the vehicle again.
- If the smart access and start system cannot work properly due to system failures, bring all smart keys to a BYD authorized dealer or service provider for repair.

Saving battery power

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

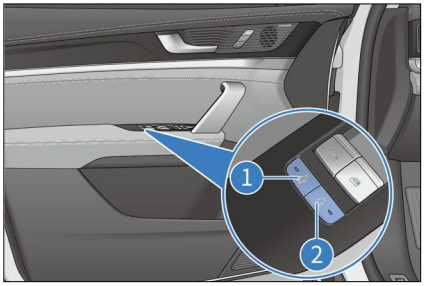
Electronic Child Protection Lock

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.

① Child protection lock for the rear left door

② Child protection lock for the rear right door

Press the left/right child protection lock button to disable the left/right rear window switch and the interior door handle. To open the door, use the exterior handle.



WARNING

- 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 pedals, steering wheel, and dashboard controls are all within the driver's easy control.
- The most effective safeguard while driving is to keep the seatback upright, always resting well on the seat back and adjusting the seat belt to the right position.
- Rear seats cannot be folded in with the vehicle running.
- Secure your luggage appropriately to prevent it from skidding or moving. Luggage in the vehicle should not be higher than seatbacks.
- The head support can only protect your head when it is in the proper position. Remember to adjust it to the proper position if it has been moved.

WARNING

- Sitting on a folded seatback or on cargo is prohibited. Improper seating position or improperly fastened seat belts can result in severe personal injury in case of emergency braking or a collision.
- Do not place any items under the seats. The driver may lose control of the vehicle because items placed there affect the seat locking mechanism or accidentally push up the seat position adjustment lever, causing the seat to move suddenly.
- When adjusting the seat, do not place your hand under the seat or near its operating parts, to prevent being crushed.
- After adjusting the seatback, lean back to confirm the seatback has been locked. If not fully locked, personal injury may occur in an accident or during emergency braking.
- Do not put the seatback down while driving or riding in the vehicle. Because the shoulder strap of the seat belt is not properly attached to your body, you and your passengers could hit the strap in an accident, causing serious injury to your neck or other parts. Or you may also slip out of the waist belt, resulting in other serious injuries.

WARNING

- During driving, passengers are strictly prohibited from sitting in the trunk area or in a folded seat. Sitting in such areas without proper protective measures may result in serious injuries in the event of an accident or sudden braking.
- Do not adjust the seat while the vehicle is in motion, as unpredictable seat movement can cause the loss of vehicle control at this time.
- Do not drive the vehicle until occupants are seated properly.

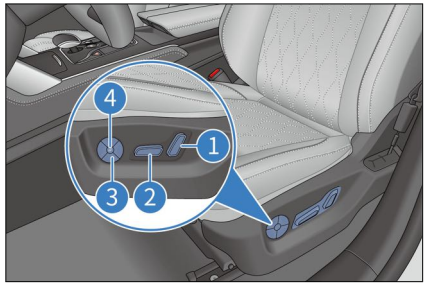
CAUTION

- When folding seats, make sure no seat belt is damaged.
- Do not fasten seat belts before seat adjustment.
- While adjusting a seat, do not let it hit against any passenger or the luggage.

Adjusting Front Seats

Adjusting Front Seat with Power

Front seat adjustment includes position adjustment, seatback angle adjustment, lumbar support adjustment, massage adjustment, and leg support adjustment. The front passenger's seat does not support height adjustment or cushion angle adjustment. Choose the following methods according to the actual configuration of your vehicle.



1. Seatback angle adjustment switch
   - Move this switch forward or backward to adjust the seatback angle.
2. Seat position adjustment switch

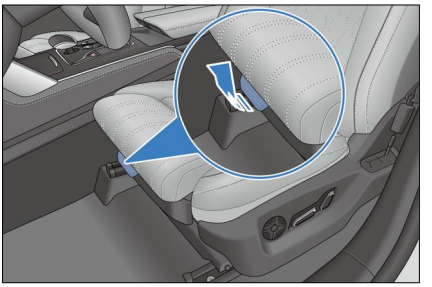
   Seat position adjustment includes forward/backward adjustment, cushion angle adjustment*, and height adjustment*.
   - Toggle the seat position adjustment switch back or forth to move the seat backward or forward.
   - Move the front end of the switch up or down to change the seat cushion angle.
   - Move the rear end of the switch up or down to raise or lower the seat.
3. Lumbar support adjustment switch

   The seatback profile can be adjusted to fit the curvature of the occupant's lumbar spine. To allow you and your occupants to sit in the seats in a correct and relaxed manner, the seat support should support the occupants' lumbar spine.
   - Press the front or rear portion of the switch to increase or decrease the curvature.
   - Press the upper or lower portion of the switch to extend the curvature up or down.
4. Seat massage switch

- The massage button is at the center of the lumbar support adjustment button. Press it to start or stop massage. You can also enable or disable the massage function on the infotainment touchscreen.
- Massage cannot be used with lumbar support activated. When the massage is activated, the direction buttons work for massage adjustment; otherwise, they work for lumbar support adjustment. Pressing and holding any of the direction buttons for over two seconds will stop the massage.
- In massage mode, the up and down buttons can be used to switch massage patterns, and the left and right buttons to adjust the massage intensity. Switching massage patterns does not alter massage intensity.
- Your last massage pattern and intensity choices are remembered.
- Press the up button to switch between patterns in sequence of "wave (default) → pulse → stretching → waist → shoulder → wave". Press the down button to switch in the reverse order.
- The massage comes in three intensity levels: Low, Medium (default) and High. Press the left or right button to switch to High or Low. These levels do not circulate.
- The massage mode automatically ends 15 minutes after the last adjustment. To continue, simply press the seat massage button or activate the massage via the infotainment touchscreen.

5. Leg support adjustment

   Pull the lever for the telescopic leg support under the seat, move the leg support longitudinally to a proper position, and then release.



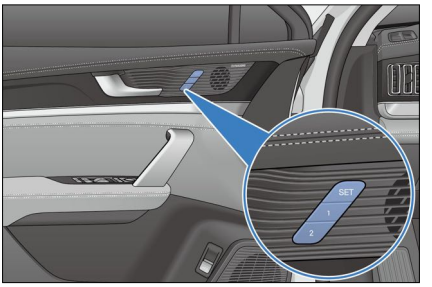
CAUTION

- 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

The memory system switch is located on the trim of the driver's door. Two driving positions can be recorded into memory.



Memory setting function

- Memory setting conditions
  - The ignition has been switched on and the vehicle speed is zero.
  - The driver's seat, side mirrors and steering wheel have been adjusted to the desired positions.

- No operation is made on the driver's seat, side mirrors and steering wheel.

- Memory setting method
  - Press and release the "SET" button on the seat memory switch, and press either "1" or "2" within three seconds. Then the positions of the seat, side mirrors and steering wheel will be recorded with a beep, and the memory setting finishes.
  - Press and hold the "SET" button on the seat memory switch, and at the same time press either "1" or "2" with a beep to complete the memory setting.

REMINDER

- The position recall operation stops with a beep when "SET", "1", or "2" is pressed during recalling.
- If the position button on the memory switch has already been set, the position set will be overwritten.
- Seat memory at position "2" can only be set after seat memory at position "1" has been set for at least 3 seconds.

Memory wake-up function

Regular memory wake-up

- With the gearshift lever in the "P" position, pressing the memory system switch enables the driver's seat memory system to perform memory wake-up, if:
  - The anti-theft alarm system has disarmed.
  - The vehicle speed is zero.
  - Memory switch signals are valid.

Automatic driver seat

- Automatic backward:
  - This feature enables the seat (if located in the front section of its full travel) to automatically move back for a certain distance after the driver unlocks the vehicle with the smart key and opens the driver's door. This makes it easy for the driver to enter.
  - 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.
  - If no horizontal position adjustment is performed after the auto-back feature is triggered for easy exiting, the seat will automatically move forward after the driver's door is closed.
- Settings
  - To enable or disable automatic driver seat, go to infotainment touchscreen → **Vehicle** → **Comfortable Use**.

Heating and Ventilation Systems

The front seats are equipped with seat heating and ventilation systems. To turn on or off the systems, slide down the top status bar on the infotainment touchscreen to display the shortcut page, or go to the A/C operation interface.

Heating adjustment

- Seat heating: On the infotainment touchscreen, tap the seat heating

control to set seat heaters to level 1 (low) or 2 (high).

- When the vehicle is just powered on, the driver's seat is automatically set to the level (off, 1 or 2) the last time the vehicle is powered off. The passenger seat heaters are disabled by default.
- If the heaters are off after the vehicle is powered on, tap the control once on the touchscreen to set the heating level at 2 (high).
- Tap a second time to set the heating level at 1 (low).
- Tap a third time to turn off the seat heaters.

Ventilation adjustment

- Seat ventilation: On the infotainment touchscreen, tap the seat ventilation control to set seat ventilators to level 1 (low) or 2 (high).
  - When the vehicle is just powered on, the driver's seat is automatically set to the level (off, 1 or 2) the last time the vehicle is powered off. The passenger seat ventilators are disabled by default.
  - If the ventilators are off after the vehicle is powered on, tap the control once on the touchscreen to set the ventilation level at 2 (high).
  - Tap a second time to set the ventilation level at 1 (low).
  - Tap a third time to turn off the seat ventilators.

Ventilation and heating functions cannot be turned on at the same time.

- Press the ventilation switch to make the ventilator work; if the heating switch is then pressed, the ventilator will stop and the heater will start to work.
- Press the heating switch to make the heater work; if the ventilation switch is then pressed, the heater will stop and the ventilator will start to work.

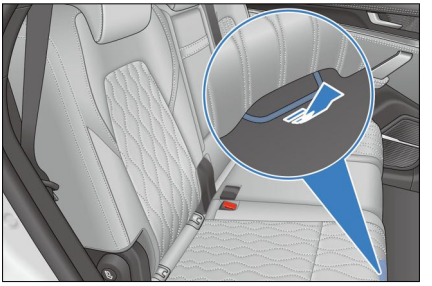
Adjusting Second-Row Seats

Adjusting Second-Row Seats Manually

Second-row seats allow manual adjustments for seat position and seatback angle. Choose the following methods according to the actual configuration of your vehicle.

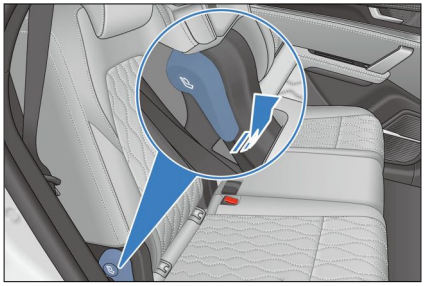
Seat position adjustment

- To move forward or backward, hold and pull up the adjustment lever, slide to the desired position, and release.
- After adjusting the seat, always check that it is securely locked into place (i.e., a locking sound is heard) by attempting to push it forward and backward.



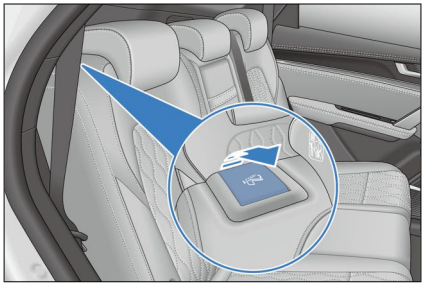
Adjusting the seatback

- Pull up the adjustment handle, and lean back or forward to adjust the seatback angle. Release when you have found the desired position.



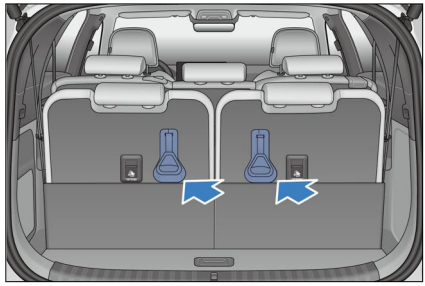
Accessing the third-row seats

- The third row can be accessed from the right side of the second row.
- Pull up the handle as shown to tilt and move the right seat in the second row forward. This makes it easy for passengers to get in or out of the third-row seats.



Folding Rear Seats

- Flipping and lowering the seatback
  - Pull the cord to straighten the seatback.
  - Push the seatback forward/backward to fold it. You can fold the seatback forward until the back touches the cushion, or you can fold it backward until reaching the locking position (with a locking click).



CAUTION

- Pay attention to the followings when folding the seats:
  - Do not fold or unfold the seats with the vehicle running.
  - Occupants should be careful when accessing the third-row seats.
  - Make sure the second-row seats are fully locked before driving.
- The seatback adjustment handle and folding cord cannot be operated at the same time. Straighten the seatback and reset the cord if there is a mis-operation.

Head Supports

Adjusting Front-Seat Head Supports

Adjusting a front seat four-way head support

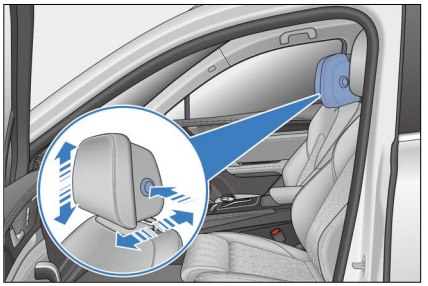
The front row head supports are equipped with curved posts for up/down and front/back adjustment.

1. Lifting a head support

   Lift the head support in the direction of its post until it is in the appropriate position, and then release it until a locking sound is heard.

2. Lowering a head support

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



3. Adjusting a head support forward

   Push the head support forward to the desired position and release it until a locking sound is heard.

4. Adjusting a head support backward

   Press and hold the adjustment button on the left of the head support, push the head support backward to the desired position, and release the button until a locking sound is heard.

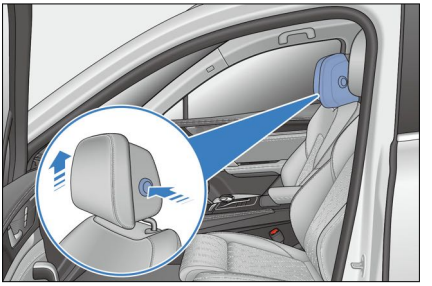
Removing a front seat four-way head support

1. Lifting a head support

   Hold the adjustment button on the left and raises the head support to the topmost position.

2. Unlocking one post

   Keep holding the adjustment button, and use a needle whose diameter is slightly less than 2 mm against the small round hole of plastic trim cover under the head support. Then, pull up one post until the post slot is exposed.



3. Unlocking the other post

   Repeat step two to unlock the other post.

4. Removing a head support

   Pull the head support upward until it is fully detached from the seatback.

Adjusting Rear-Seat Head Supports

Adjusting second-row seat head supports

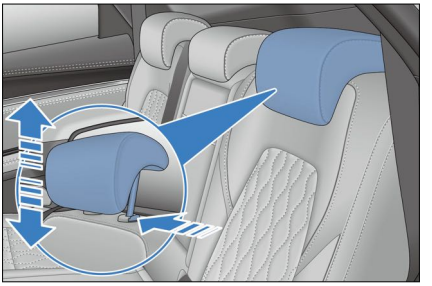
Head support adjustable in height:

1. Lifting a head support

Lift the head support in the direction of its post until it is in the appropriate position, and then release it until a locking sound is heard.

2. Lowering a head support

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



Removing/Installing a head support

1. Removing a head support

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

2. Installing the head support

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

Adjusting a third-row seat head support

The third-row seat head supports have non-adjustable flanks. The adjustment method is the same as that for the second row.

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 post.

Steering Wheel

Adjusting the Steering Wheel

Adjusting the Steering Wheel with Power

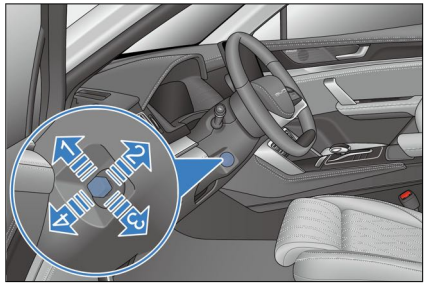
The steering wheel is adjustable only when the ignition is switched on.

Use the steering column adjustment switch to tilt it up (①),

extend the column (②),

tilt it down (③),

and retract it (④).



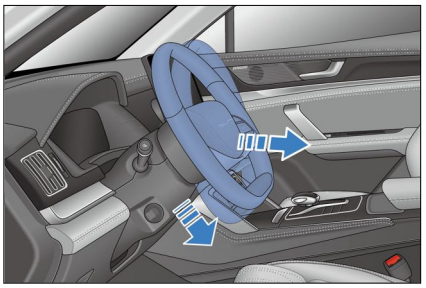
WARNING

- 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.

Automatic Steering Wheel

- Auto away:
  - This feature enables the steering wheel (if tilted down and extended) to automatically tilt up and retract

after the driver unlocks the vehicle with the smart key and opens the driver's door. This makes it easy for the driver to enter.



- For easy exiting, this feature also works when the vehicle power switches from "START" to "STOP" and the driver's door opens.
- Auto return:
  - If the auto away feature is triggered after the last power-off, the auto return feature can enable the steering wheel to automatically tilt down and extend to the position before power-off, after the vehicle is powered on and the driver's door is closed.
  - If the auto away feature is triggered for easy exiting, the auto-return feature will also act after the driver exits the vehicle and closes the driver's door.
- Settings
  - To enable or disable automatic steering wheel, go to infotainment touchscreen → **Vehicle** → **Comfortable Use**.
- Steering wheel memory function
  - You can save or load steering wheel positions.

Power-Assisted Steering Mode Settings

- The feel of steering assistance varies from person to person, and so do the evaluation and needs for this feel.
- To set the steering mode, go to the infotainment touchscreen → **Vehicle** → **Intelligent Chassis** → **Steering mode**, and select **Comfort** or **Sport**.

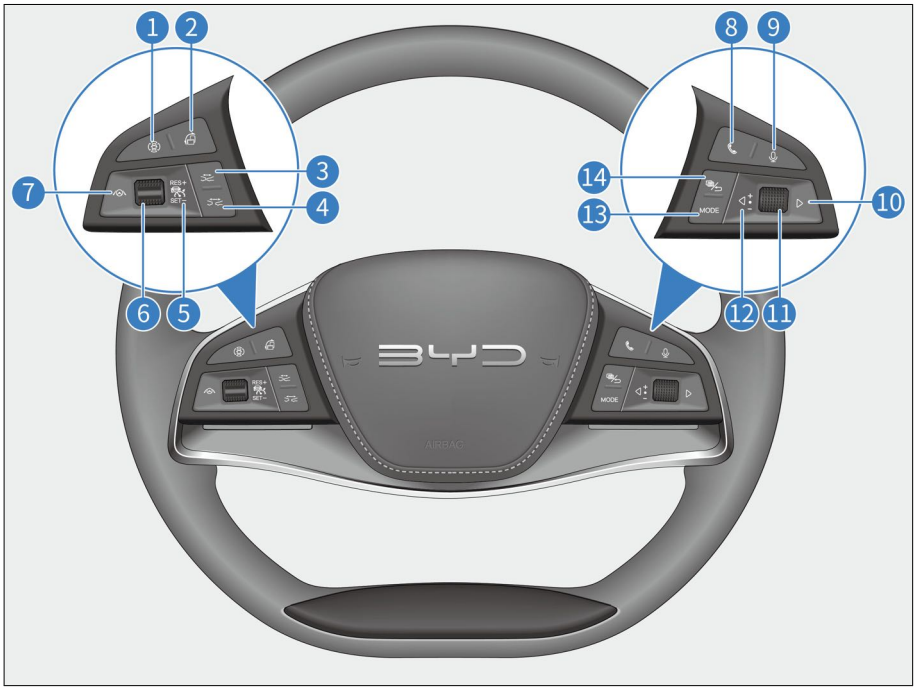
REMINDER

- Setting the power steering to sport mode is suggested if the steering wheel feels light when the vehicle is running at a high speed. Electric power-assisted steering settings can only be changed in normal terrain mode with LKA off and a vehicle speed lower than 80 km/h.

Steering Wheel Heating

- Turn on/off steering wheel heating in infotainment touchscreen → **A/C** → **Ventilation/Heating**.
- Tap **Auto** to enable automatic steering wheel heating or select a heating position to adjust the temperature.

Steering Wheel Switches



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

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

Left-hand buttons

ACC switch

- Turns the ACC system on or off.

+/Reset

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

-/Set

- Sets the current speed to the target cruise speed.

Distance -

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

Distance +

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

ICC switch

- Turns ICC on or off.

REMINDER

- For instructions on using cruise control, see ***P124*** and ***P128***.

Screen mode

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

Panoramic view

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

Right-hand buttons

Scroll button

- Adjusting infotainment system volume when the instrument cluster is not in menu mode:
  - Roll the button upward to increase the volume. The button is non-operational when the volume reaches the highest.
  - Roll the button downward to decrease the volume. The button is non-operational when the volume reaches the lowest.
  - Press down the button to mute.
- When the instrument cluster is in menu mode:
  - Roll the button upward to select the upper level-2 or level-3 menu items.
  - Roll the button downward to select the lower level-2 or level-3 menu items.
  - Press down the button to go to the next-level menu or confirm the current setting.

CAUTION

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

Left/Right

- When the infotainment system is in radio mode:
  - Press the ◁ button to select previous radio station.
  - Press the ▷ button to select next radio station.
- When the infotainment system is in USB/Bluetooth music/third-party music app/other modes:
  - Press the ◁ button to play the previous track (track number -1).
  - Press the ◁ button to select a record upward on the Bluetooth call record or phonebook screen.
  - Press the ▷ button to play the next track (track number +1).
  - Press the ▷ button to select a record downward on the Bluetooth call record or phonebook screen.
- When the instrument cluster is in menu mode:

- Press the ◁ button to switch to level-1 menu and its submenus on the left.
- Press the ▷ button to switch to level-1 menu and its submenus on the right.

Call

- Press this button to make or receive a call. The audio system is muted at the same time.
- When a Bluetooth-unrelated screen is currently displayed, press this button to switch to the phone selection screen if Bluetooth is disconnected, or to the Dial screen if Bluetooth is connected.
- After entering a phone number on the Dial screen or selecting a record on the Call Log or Contacts screen, press this button to dial the number.
- When Bluetooth is connected, but no phone number is entered on the Dial screen, press this button to switch to the Call Log screen. Press this button again to call the first dialed number on the call history.

Speech recognition

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

Instrument cluster/Back

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

Mode

- Selecting a mode: Press the Mode button to switch between media apps, peripherals, and pre-installed third-party audio/video apps.

Horn

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

CAUTION

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

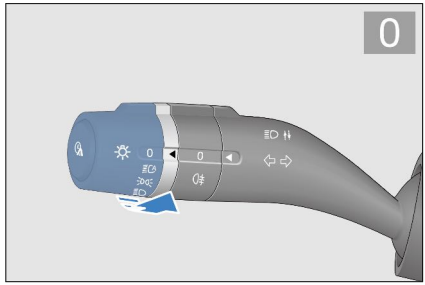
REMINDER

- Observe the traffic laws and use the horn properly.

Switches

Light Switches

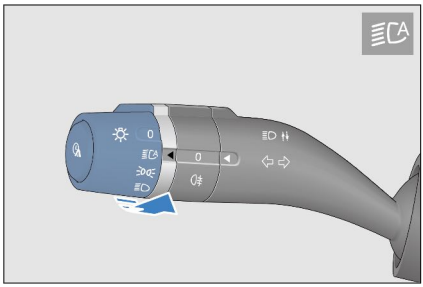
Set the light switch to 0 to turn off all lights except for daytime running lights.



Auto lights

Set the light switch to . The BCM captures the brightness data from the light intensity sensor to automatically

turn the position lights and low beam on or off.

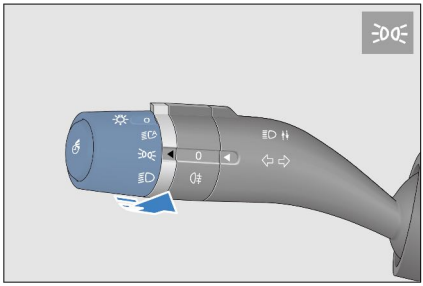


REMINDER

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

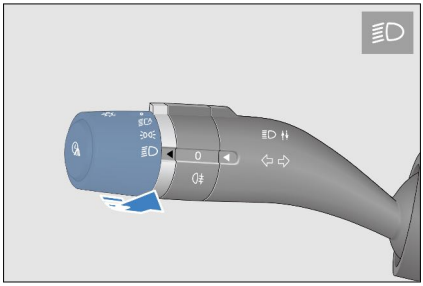
Position lights

Set the light switch to to turn on position lights.



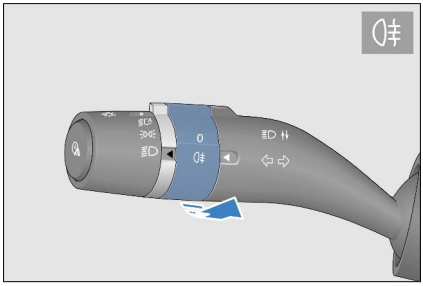
Low beam

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



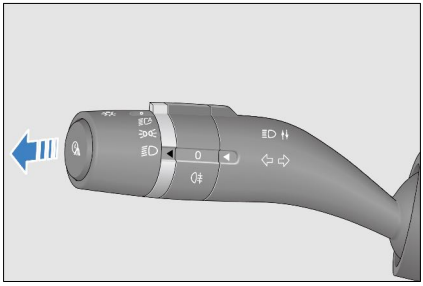
Rear fog lights

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



High beam

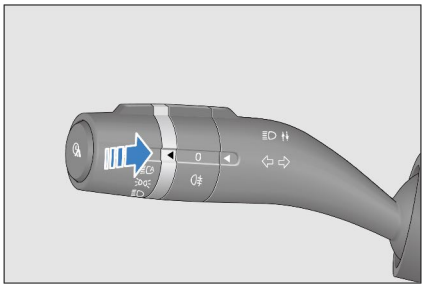
Set the light switch to and push the light switch lever down (away from the steering wheel) to turn on the high beam.



Overtaking light

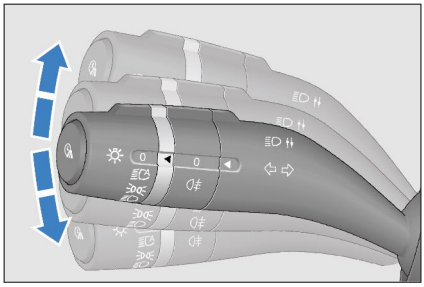
Pull up the lever (toward the steering wheel) to turn on the overtaking light. Release the lever for the light switch to

automatically reset. The overtaking light turns off.



Turn signals

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



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

Auto light off

- Conditions to activate the auto light off function: To activate this function, set the light switch to or and switch off the vehicle power.
- When the auto light off function is activated, the headlights, position lights, rear fog lights, and high beams turn off in 10 seconds if the driver's door is closed.
- When the auto light off function is activated, the headlights, position lights, rear fog lights, and high beams turn off in 10 minutes if the driver's door is open.
- After the lights turn off automatically, if the light status changes, these lights come on in the new status. If the conditions to activate the auto light off function are still met, the function is activated again.
- Disabling of the auto light off function: When the vehicle is powered on, the auto light off function is disabled, and the light switch can be operated normally.
- If the auto light off function has turned off the lights and the anti-theft alarm system has been armed, disarming the alarm system makes the lights come on again automatically. If the driver's door remains closed, the lights go off again after 10 seconds. But if any door is open, it turns off the light in 10 minutes.

Lighting delay

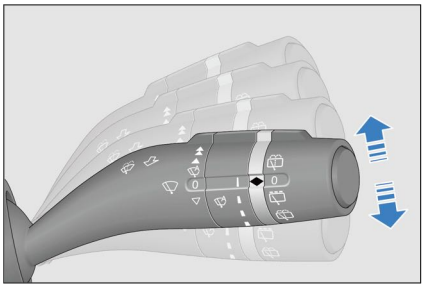
- Headlights after exit:
  - Set the time for headlights after exit on infotainment touchscreen → **Vehicle** → **Exterior Light** (default: 10 seconds). With the light adjustment switch turned to " ", " " or " ", when you power off the vehicle, lock four doors and attempt to leave the vehicle, the corresponding lights will continue to light up for 10 seconds (or the set time).
- Headlights before enter:
  - Set the time for headlights before enter on infotainment touchscreen

→ **Vehicle** → **Exterior Light** (default: 10 seconds). With the light adjustment switch turned to " ", " " or " ", when you unlock the vehicle and attempt to approach it, the corresponding lights will light up for 10 seconds (or the set time).

Wiper Switch

Front Windshield Wipers and Washer

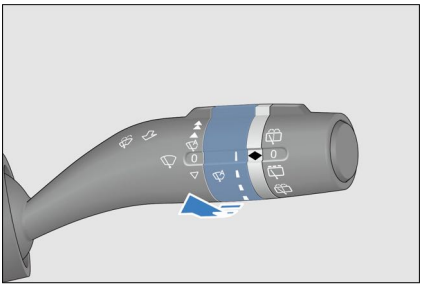
- The lever is used to control the windshield wipers and washer. It has five modes:
  - : Fast
  - : Slow
  - : Automatic/Intermittent
  - 0 : Off
  - : Point-wiping



- Push up or pull down the lever to select a mode.
- In slow and fast modes, the wiper operates continuously.
- Pulling down the lever from the 0 position activates the point-wiping mode . The wipers wipe at a low speed until you release the lever.

Auto Wipers/Intermittent

- The rain sensor automatically controls the operation mode of wipers based on the rainfall, and it is located in front of the interior rearview mirror on the front windshield inside the vehicle.
- To use the auto wiper function, turn the wiper switch to the automatic mode and go to the infotainment touchscreen → **Vehicle** → **Comfortable Use**.
- To use the intermittent wiper function, turn the wiper switch to the automatic mode, and disable auto wiper on infotainment touchscreen → **Vehicle** → **Comfortable Use**.
- The automatic wiper function has four sensitivity levels. The higher the lever, the higher the sensitivity. When using the automatic wiper function, change the sensitivity by adjusting the toggle based on real-time rain conditions. If the wiper reacts to rain too quickly, reduce the sensitivity; if the wiper reacts to rain too slowly, increase the sensitivity.



WARNING

- If the wiper switch is on with the ignition on, touching the glass on the top of the sensor by hand or wiping it with a cloth can cause the wiper to work and thus lead to an accident.

WARNING

- Turn off the automatic mode of wiper during the vehicle washing process, in dry seasons or in rainless weather to prevent inadvertent wiper operation.

CAUTION

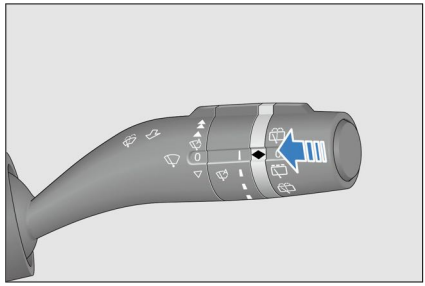
- When the wiper stops midway for snow accumulation and other reasons, please turn it off, park the vehicle in a safe place, and remove the snow and other debris, so that the wiper can work properly.
- The sensor may occasionally fail to properly identify snowflakes on it as they have various shapes,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

REMINDER

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

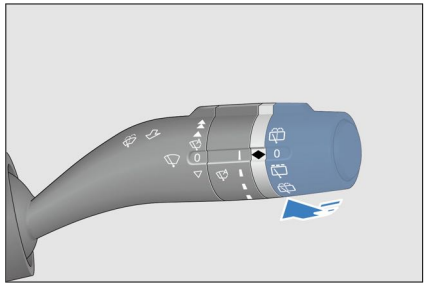
Front windshield washer

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

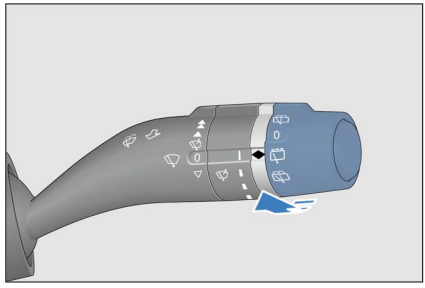


Rear Windshield Wipers and Washer

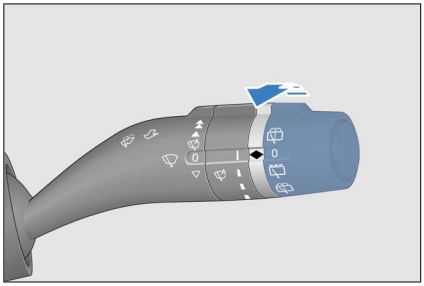
- Set the wiper switch to to activate the rear windshield wiper; set it to 0 to stop the wiper.



- Set the wiper switch to to activate the rear windshield wiper and washer simultaneously.



- Set the wiper switch to and release it. The wiper will operate twice after washing fluid has been sprayed.



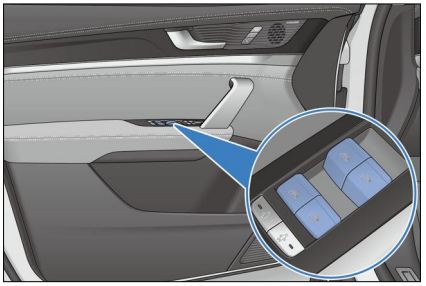
CAUTION

- 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.

Driver's Door Switches

Power Window Switches

- The switch on each door can be used to control the window.
- The ignition has to be switched on.
- The window control switch at the driver's side contains four buttons to roll up or down windows on four doors, respectively.
  - Press a switch to roll the window down.
  - Pull the switch to roll up.
- While using the switch, release it to stop window halfway.



- Driver's side power window: Press all the way down and release the switch to open the window. Lift all the way up and release the switch to close the window. Press the switch again to halt the current action.

Anti-pinch Function

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

Initialization of anti-pinch function

- If the low-voltage battery is disconnected while a window is being rolled up or down, the automatic rolling-up and anti-pinch functions both cease to work.
- Pull and hold the window control switch for the first time, so that the window rises to the top for stalling for at least 400 ms. Release your hand when the window rises to the top.

WARNING

Please follow the precautions below to prevent serious injury or death from window closing:

- Before operating the power windows, ensure that all passengers do not have any body parts that can be caught in the window.

WARNING

- Do not allow a child to operate the power windows.

CAUTION

- 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.

Central Locking

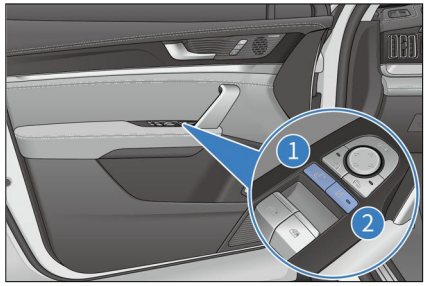
The driver's door is equipped with power door lock switches. Both switches can lock or unlock all doors.

① Unlock

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

② Lock

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



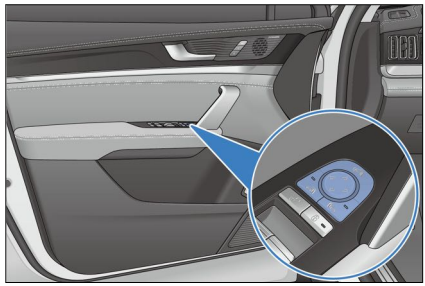
Side Mirror Adjustment Buttons

Side mirror selection buttons

- : Left side mirror button
- : Right side mirror button

Side mirror adjustment control

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



Side mirror folding control

- Press this button to fold or expand side mirrors.

Odometer 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.

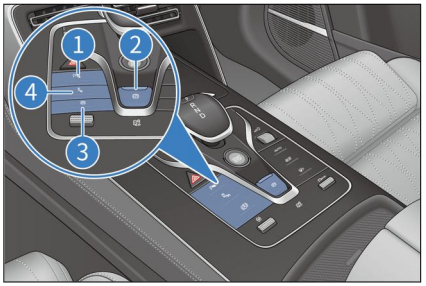
- Press and hold "Mileage 1" and "Mileage 2" to clear the mileage information.

Driver Assistance Switches

The driver assistance switches include parking radar switch, blind spot detection (BSD) switch, automatic vehicle hold (AVH) switch, and Electronic Parking Brake(EPB) switch.

① Parking radar switch

Press this switch to activate parking radar. See ***P150*** for details.



② EPB switch

Pull this switch and wait for indicator Ⓟ on the cluster to flash for EPB. See ***P119*** for details.

③ AVH switch

Press this switch to activate automatic vehicle hold. See ***P122*** for details.

④ BSD switch

Press this switch to activate blind spot detection. See ***P141*** for details.

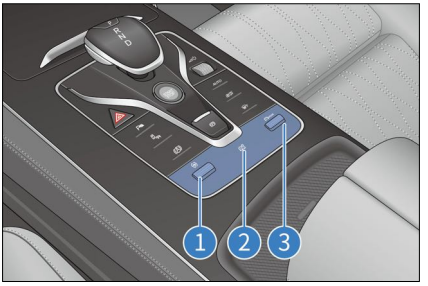
Mode Switches

① Regenerative braking mode button

- Push up the button to increase regenerative braking force.
- Pull down the button to trigger standard regenerative braking.

② Snow mode button

- This mode is recommended on fairly strong surfaces that are covered with a layer of loose and slippery materials (e.g., grass, snow, ice, or gravel).



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

CAUTION

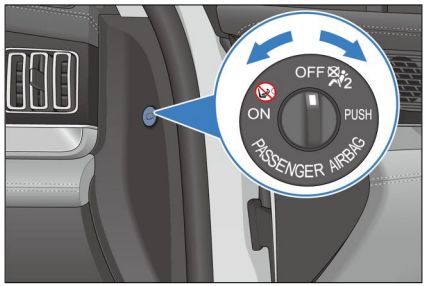
- Shutting down the ESC system may help if the motor performance is degraded in soft snow conditions by the activation of dynamic stability control. The ESC system must be restarted after conditions are back to normal.

③ Driving mode button

- Available driving modes include Ecology, Conservation, Optimization(ECO), Sport(SPORT) and Normal(NORMAL). Toggle the button to choose among the different modes shown on the cluster according to your different needs.
- Ecology, conservation, optimization mode (ECO): moderate vehicle power, comfortable driving and riding experience, and better economy.
- Normal mode (NORMAL): standard settings mode, the default driving condition.
- Sport mode (SPORT): The vehicle shows good power performance, but its acceleration performance will be reduced if battery state of charge (SOC) is low, or if the vehicle is in high or low temperature conditions.

Passenger Airbag Switch

- The front 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.
- Always double-check that the switch is in the required position for the person sitting in the front passenger seat.
- 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 that meets the necessary deployment conditions.

WARNING

- Never use a rear-facing child restraint on the front passenger seat with an activated passenger airbag. Otherwise death or serious personal injury may occur.
- When the front passenger seat is occupied by an adult, the switch must be ON to ensure that the front passenger airbag is activated.
- If the switch is OFF, the passenger airbag is still enabled, contact a BYD authorized dealer or service provider immediately for maintenance.

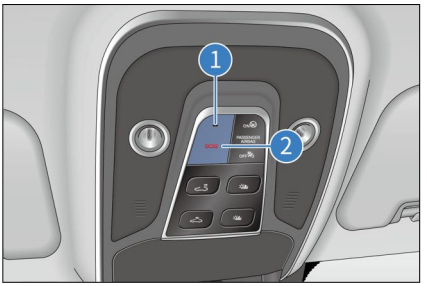
CAUTION

- 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.

E-Call Switch

① E-Call status indicator

② SOS button



- E-Call refers to emergency call. To trigger the E-Call, press the SOS button for two seconds or longer and less than 30 seconds, and do not press it a second time within eight seconds.
- To cancel an emergency call made by mistake, press the SOS button a second time within eight seconds.
- The E-Call system activates automatically in the event of airbag deployment or the detection of a severe collision.
- When triggered, the system automatically makes an emergency call and communicates standard information to a public safety answering point.

CAUTION

- The E-Call system restarts when the SOS button is pressed for 30 seconds or longer and less than one minute.
- The SOS button will be considered to be short-circuited (button stuck) if you press and hold the SOS button for one minute or longer. In that case, the E-Call cannot be triggered manually.
- The dialed emergency call cannot be manually canceled from the vehicle until the PSAP hangs up or no one answers the call after it is dialed over 20 consecutive times. The E-Call system then enters a 60-minute wait for a callback.
- Provision of TPS E-Call service is dependent on the technology, laws and regulations of specific countries. Where TPS E-Call limitations exist, the system will default to standard E-Call.

Status	LED Indicator
Ignition off or E-Call system failure	Off
Power-on self-check mode	Flashing fast - 2 Hz
Ignition on and self-check passed	Solid on if self-check is passed
E-Call connecting	Flashing - 1 Hz
E-Call connected	Flashing - 1 Hz

Status	LED Indicator
E-Call ended	Solid on
Callback time (60 minutes by default)	Flashing extremely slowly - 0.2 Hz

Hazard Warning Light Switch

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

Sunroof Switch

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

Opening the sunroof

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

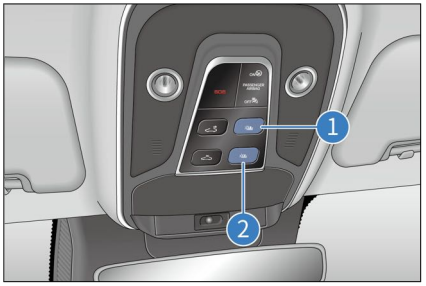
Closing the sunroof

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

Opening/Closing Sunshade

Opening the sunshade

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



Closing the sunshade

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

REMINDER

- If the sunroof is not fully closed, the sunshade will not be closed beyond the sunroof position to avoid blocking.

Sunshade linkage function

- The sunshade opens automatically when the sunroof opens.

Sunroof Anti-pinch

The anti-pinch function automatically stops the sunroof or sunshade from closing and withdraws it a certain distance, if an obstruction is detected.

WARNING

- Keep clear of the sunroof when it is opening or closing. Serious injury may occur when passengers have their body parts caught in the sunroof.
- Passengers must refrain from sticking hands or their heads out through the sunroof during driving. Failure to do so may result in serious injury or death.

CAUTION

- Water may enter the cabin when operating the sunroof after rainy or snowy weather or after washing the vehicle. Wipe it clean with a dry cloth before operating.
- Trying to open the sunroof in outside temperatures below 0°C or when it is covered in snow or frost may damage the sunroof or its motor.

REMINDER

- The sunshade opens automatically when the sunroof is opening. When the sunroof pauses, the sunshade will then pause.

Initialization

With the ignition on, the signal remains valid and the sunroof is in the uninitialized state, try the following steps for initialization:

1. Press and hold the sunroof closing switch to make the sunroof move to the fully closed position and stall for 0.4 seconds. The sunroof initialization is then complete.

2. After the sunroof has been initialized and is fully closed, press and hold the sunshade closing switch to make the sunshade run to the fully closed position and stall for 0.4 seconds. The sunshade initialization is then complete.

CAUTION

- Throughout the initialization process, press and hold the Off button of the sunroof/sunshade switch until the initialization is complete.

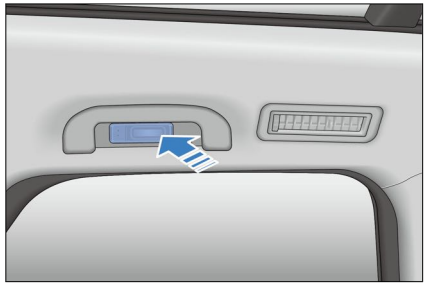
Interior Light Switch

Front Interior Lights

- In any ignition status, touch the covers of front interior lights to turn on the lights.
- When a door is opened, the interior lights come on if the DOOR position switch is on. Touch the covers to change the brightness of the lights. To turn on or off the DOOR position, slide down the top status bar on the infotainment screen and find the shortcut page.

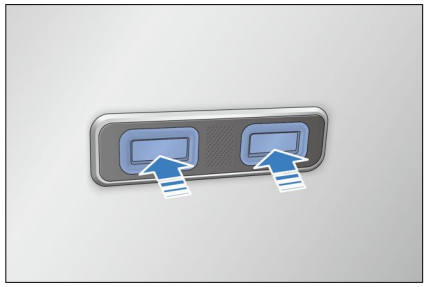
Side Interior Lights

Touch the covers of side interior lights to turn on the lights.



Rear Interior Lights

Touch the covers of rear interior lights to turn on the lights.



Ambient Lights

To control the brightness, color and area of the ambient light, go to infotainment touchscreen → **Vehicle** → **Ambient Light**.

Interior Camera

It is called by the infotainment system App.

04 USING AND DRIVING

Charging/ Discharging

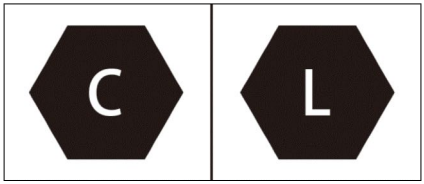
Charging Instructions

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.
  - Protect the charging equipment against water contact on rainy days.
- Before charging:
  - Ensure that power supply equipment, charging connector, charge port, and charging connection device are free of defects, such as cable wear, rusted ports, cracked casings, or foreign objects in the ports.
  - Do not charge the vehicle when the charging connector's or port's plug, socket, or metal terminals are loose or damaged by rust or corrosion.
  - When the charging connector, port, power plug, or socket is visibly stained or damp, wipe them with a dry and clean cloth to ensure the connection is dry and clean.
- Use charging equipment that complies with local standards.
  - To avoid charging failure or fire, do not modify, disassemble, or repair the charging equipment and related ports.
  - Do not use charging equipment that does not meet safety standards or has potential safety hazards. Do not allow children to use the charging equipment and keep animals away from the vehicle while charging.
- Ensure that your hands are properly dry before charging.
- If anything abnormal is found in the vehicle or charging equipment 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.
  - Whenever possible, do not charge the vehicle during a thunderstorm, under risk of lightning strikes.
- Do not open the hood for maintenance while charging.
- After charging, do not disconnect the charging equipment with wet hands or while standing on any wet surface.
  - Before driving, ensure that the charging equipment is disconnected from the charge port.

Compatibility of Vehicle and Charging Infrastructure

- The signs are located on the vehicle's charging socket, components of the local charging infrastructure (charging stations and sockets) 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.
- Mode 2 charging means charging with an AC charging connector that complies with local standards. It is recommended to use the dedicated AC lines and power sockets meeting local standards to avoid line damage and protective trip due to high-power charging, affecting the normal use of other equipment.
- Avoiding damage to the charging equipment (precautions for charging equipment):
  - Prevent the charging equipment from suffering any mechanical impact.
  - Do not place the charging equipment near heaters or other heat sources.
- Before charging:
  - Make sure that the charging connector and charge port are free of foreign objects, and that the protective cap of the charging connector terminal does not get loose or deformed.
  - Hold the charging connector, 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.
  - Pull the charging connector.
  - Do not force the charging connector out while the charge port is locked, otherwise the charge port may be damaged.
- The vehicle can be powered on to use the A/C while charging. However, to ensure the charging power, this is not recommended.
- The vehicle should be parked in a ventilated area, and there should not be any occupant inside when charging.
- During DC charging, the charging power is relatively small during the identification period when the real capability of the charging pile is identified and its maximum output capacity is exerted, thereby bringing a better charging experience to users.
- During charging, the estimated remaining time to full charge is displayed on the instrument cluster. It is normal that the remaining time to full charge may vary slightly, depending on the temperatures, SOC, and charging facilities. Before charging is completed, "Calculating..." is displayed on the instrument cluster.
- The vehicle system automatically stops charging when the high-voltage battery is fully charged. The charge port is equipped with an electronic lock. Unlock it before unplugging the charging equipment.
- To stop AC or DC charging, turn off the charger before disconnecting the charging connector. In Mode 2 charging, remove the charging connector and then the power plug.

- When charging is complete and the charging connector is unplugged, make sure that the charge port's cap and door are closed, otherwise water or foreign materials may enter the port and affect its normal use.
- Before starting the vehicle, be sure to unplug the charging equipment. The vehicle is ready to drive even if the charging connector is left plugged but not fully locked, which may damage the charging equipment and the vehicle.
- During AC charging, if power supply resumes after short-time outage of the external power grid, BYD charging equipment will re-start charging automatically and no re-connection of the charging equipment is required.
- Battery temperatures that are too low or too high compromise vehicle charging performance.
  - The temperature control system can improve low-temperature charging capacity of the battery. Due to output capacity limitations of charging piles, the charging time is extended, the heating time becomes longer and the power consumption of heating is increased. This is a normal phenomenon.
  - For faster low-temperature DC charging, charging from low SOC is recommended because, due to the low battery temperature, the charging current is small for vehicles with high SOC in low-temperature environments.
  - To improve your experience, it is recommended to charge the vehicle immediately after using it, as the battery is relatively hot and has better charging performance.
- Turning A/C on during low-temperature charging can affect the performance of battery temperature control system and charging performance.
- 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 charging is complete, battery equalization is activated for longer battery life and thus the charging time may be longer.
- In case of high-temperature high-power DC charging, the performance of battery temperature control system may be affected by the A/C in the passenger compartment, and the charging performance may degrade, resulting in an extended charging time. To ensure charging efficiency, it is recommended to keep the A/C off during charging.
- When the vehicle is not used for an extended period, it is recommended that it should be fully charged before driving. During long-term parking, charging the vehicle every three months is recommended for prolonging service life.

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. Using Mode 2 Charging Cable*
2. Using AC Charging Piles
3. Using DC Chargers

- The charging time of the high-voltage battery varies with the charging method, current SOC, real-time temperature, service time, ambient temperature and other conditions.
- Use charging equipment that complies with local standards.

Charging Mode

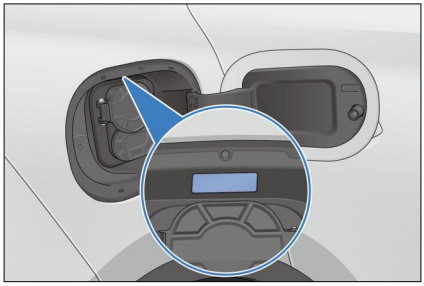
- Charging Reservation (Only AC): Charge the vehicle regularly at a scheduled charging time set by the user. See reservation charging settings in this chapter for details.
- Immediate charging: Charging starts after the charging connector is connected.

General Charging Troubleshooting

Fault	Possible Cause	Solution
Charger is connected, charge starts, but battery will not charge.	The high-voltage battery has been fully charged.	When the high-voltage battery is fully charged, the charging will stop automatically.
	High-voltage battery temperature is above or below a certain level.	Warm up or cool down the high-voltage battery. Keep the vehicle in an environment with appropriate temperature and charge it when the temperature becomes normal.
	Low-voltage battery over-discharges.	Replace the low-voltage battery.
	Charging equipment fails.	If it is verified that the charging equipment's power indicator is working properly, or that there are no other unusual indications, change the charging equipment or contact the charging equipment supplier.
	Vehicle display fails.	Verify that there is a charging system fault message on the instrument cluster, then stop the charging. It is recommended to contact a BYD authorized dealer or service provider.
Charging stops midway.	The power grid goes down.	Charging will restart automatically when the power grid is restored within a certain period of time. If it doesn't, reinsert the charging connector.
	Charging cable is not connected properly.	Verify that the charging connection cable is not loosely connected.
	Charging connection switch is pressed.	If the charging connection switch is pressed, the charging will stop. The charging connection should be connected again to start charging.
	High-voltage battery temperature is too high.	If the powertrain fault warning light turns on the instrument cluster, the charging will automatically stop. Charge the vehicle when the battery temperature returns to a normal level.
	Vehicle or charging equipment fails.	Verify that there is fault prompts for the charging pile or the vehicle, and contact a BYD authorized dealer or service provider.

Charge Port Light

- The light is located in the charge port door on the right side of the vehicle body, indicating the charging/discharging status in white, yellow, green, blue, and red respectively.



- If the charging/discharging connector is not connected, the indicator remains solid white for a period of time. If the vehicle is locked during use, the indicator is on for a period of time and then turn off. When the vehicle is unlocked, the indicator lights up again.

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

Charging

Using Mode 2 Charging Cable*

1. **Equipment**

- Connect the vehicle to an outlet that meets local standards to charge the vehicle.
- A household socket meeting local standards must be used in order to avoid line damage or tripping due to high-power charging, which may affect the normal use of other devices.
- This Mode 2 charging cable includes a power plug (complying with local standards), a charging connector, a control box, and a charging cable.

The plug is connected to a standard household power socket, and the charging connector to the vehicle's charge port.

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

WARNING

- See "Charging Instructions" for charging safety warnings.
- The highest working temperature allowed for the product is 50°C. Store the product in a cool and dry place when it is not in use.

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 its cable. When moving the equipment, handle it with care.
- It is strictly prohibited to modify, disassemble, or repair the charging equipment and its ports.
- It is not recommended to use any additional wire or adapter/connector. If an additional adapter is required, choose a suitable cable diameter ($\geqslant$1.5 mm^2) and the adapter/connector parameters must meet requirements.
- Never use the charging equipment if the household power strip cable becomes soft, if the charging connector cable is worn out, if the insulation layer is cracked, or in case of any other damage.
- Never use the equipment when the charging connector, power plug, or power strip is disconnected, broken, or there is any sign of surface damage.

CAUTION

- The charging cable cannot be placed in a spiral during charging, as this will affect heat dissipation.
- See the charging instructions for specific charging precautions.

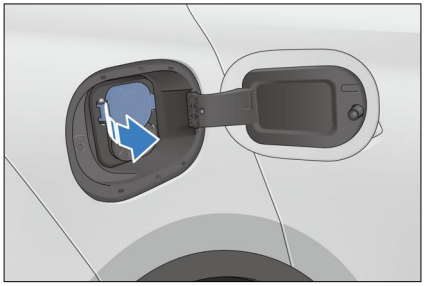
REMINDER

- Contact a BYD authorized dealer or service provider, or a BYD authorized technician, to select the appropriate power supply according to the requirements of the charging equipment.
- Charging equipment grounding instructions: 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.

2. **Charging**

- With the vehicle doors unlocked and preferably powered off, press the charge port door to open it.

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



REMINDER

- Do not open the charge port door forcibly when it is locked.

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

REMINDER

- Do not try to forcibly plug the connector with the anti-theft lock engaged.

- In the charging process, the instrument cluster displays relevant charging parameters and the charging sign.
  - At this point, you can schedule charging on the infotainment touchscreen. See "Scheduled Charging" for the configuration process.

REMINDER

- During charging, the estimated remaining time to full charge is displayed on the instrument cluster or infotainment system. It is normal that the remaining time to full charge may vary slightly depending on the temperatures, SOC, and charging facilities.
- Reservation charging cannot be used when the remaining battery is too low.

3. **Stopping charging**

- End the charging:
  - The charging automatically ends when the vehicle is fully charged.
  - To end the charging early, proceed to the next step.
- Disconnect the charge port:
  - If the anti-theft mode of the electrical lock is deactivated, directly pull out the charging connector.
  - 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.

REMINDER

- To unlock the vehicle, press the unlock button on the key (when charging the vehicle with ignition switched off) or press the microswitch on the door handle (when the key is nearby).
- Unlock the vehicle to deactivate the anti-theft lock before pulling out the charging connector. The connector has to be pulled out

REMINDER

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 "Emergency Unlocking of the Charge Port" in "Charge Port Anti-theft Lock".
- When the charge port's anti-theft mode is deactivated, if you cannot pull the charging connector out directly, try to unlock the vehicle and pull it again.

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

REMINDER

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

WARNING

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

Using AC Charging Piles

1. **Equipment**

- Charge the vehicle using an AC charging pile in a public place.
- Charging time: Refer to the charging time message on the instrument cluster or infotainment touchscreen.
- Use a standard-compliant household charging box. For how to use the charging equipment, refer to its user manual and follow the operating steps.
- 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.
- AC connection device: Mode 3 charging cable includes a power plug (complying with local standards), a charging connector, a control box, and a charging cable. The plug is connected to the power outlet, and the charging connector to the vehicle's charge port.

2. **Charging**

- Unlock the vehicle and open the charge port door:
  - Close the charge port cap and the port door (see instructions for Mode 2 charging).
- Connect the power outlet:
  - Skip this step if an AC charging box is used for charging.
  - Skip this step if an AC charging pile equipped with a charging connector is used.
  - Use Mode 3 charging cable to connect your vehicle to the AC charging pile if no charging connector is provided.

- Connect the vehicle port:
  - Plug the charging connector into the port and make sure it is tight.
- Charging settings:
  - For AC charging pile/box subject to authentication, swipe the card or scan the QR code. See the user manual for charging pile/box for details.
- The charging connection indicator lights up on the instrument cluster.
- In the charging process, the instrument cluster displays relevant charging parameters and the charging sign.
  - At this point, you can schedule charging on the infotainment touchscreen. See "Scheduled Charging" for the configuration process.

3. **Stopping charging**

- End the charging:
  - Charging ends automatically when early stop time is due or charging is complete.
- Disconnect the charge port:
  - Disconnect as per the instructions for Mode 2 Charging.
- Disconnect the power plug:
  - If Mode 3 charging cable is used, it is recommended to unplug the charging connector from the vehicle first and then the plug from the charging point.
  - Skip this step if an AC charging box is used for charging.
  - Skip this step if an AC charging pile is equipped with a charging connector.
- Close the charge port cap and the port door (see instructions for Mode 2 charging).
- Store the equipment properly.
  - If using an AC charging pile/box, place the charging connector in its designated location in the charging pile/box.
  - Store the equipment properly.

CAUTION

- Never drop the Mode 3 charging cable or pull it directly by its cable. Take caution when moving the equipment. Store the equipment in a cool place after use.
- Do not try to forcibly plug the connector with the anti-theft lock engaged.
- See the charging instructions for specific charging precautions.

Using DC Chargers

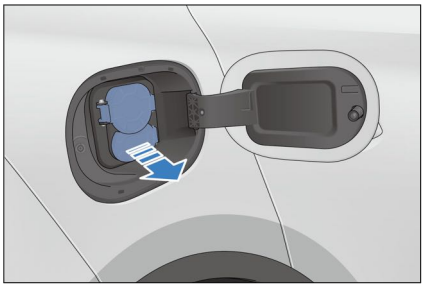
1. **Equipment**

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

2. **Charging**

- DC charging is achieved by connecting the vehicle to a DC charger via its connector.
- Unlock the charge port door, then open the port door and cap.
- Connect the vehicle port:
  - Plug the charging connector into the port and lock it.

- Operate the charging equipment to start charging.



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

3. **Stopping charging**

- End the charging:
  - Charging ends automatically when early stop time is due or the charging is complete.
  - Press the unlock button twice within three seconds or press the microswitch on the door handle to stop charging.
- Disconnect the charge port:
  - Press the unlock button on the smart key or press the door handle microswitch while carrying the smart key and pull out the charging connector.
- When the DC charging pile charging is complete, organize the charging equipment and store the charging connector in its designated position properly.
- Reinsert the DC charge port cap and close the port door.

REMINDER

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

CAUTION

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

WARNING

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

Scheduled Charging

- The charging mode can be set on the infotainment touchscreen. To access the setting:
  - You can access this function by touching the app **Smart Charging** on the infotainment system.
  - Go to infotainment touchscreen → **Energy** → **Charging and Discharging** → **Smart Charging**. The scheduled charging screen is displayed.

- To exit the Scheduled Charging screen, tap ⮌ or ⌂ .

Scheduled charging settings

① Scheduled charging switch

② Settings

③ Charging time

④ Repeat cycle

- The factory default setting is to charge the vehicle immediately. That is, scheduled charging is disabled.
- To schedule a charging, toggle the Scheduled charging ON ①, set the charging start time ③ and repeat cycle ④, and save the settings.
- After the schedule is set up successfully, if you connect the charging connector or press the power button to power off the vehicle during the charge waiting period, you will be reminded through the infotainment touchscreen that scheduled charging has been set. Switch to instant charging if needed.
- You can tap the scheduled charging setting icon ② to turn off the charging connector connected alert and power-off alert in the Scheduled Charging Alert.

CAUTION

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

REMINDER

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

Intelligent Charging

When the high-voltage battery is sufficient, if the low-voltage battery manager detects that the battery level is too low, the low-voltage battery can be charged by the high-voltage battery.

REMINDER

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

Charge Preheating

High-voltage battery preheating is designed to shorten the DC charging time in low temperatures.

How to Use

- Go to infotainment touchscreen → **Energy** → **Charging and Discharging**. The charge preheating screen is displayed.
- Enable or disable battery preheating in this screen.

REMINDER

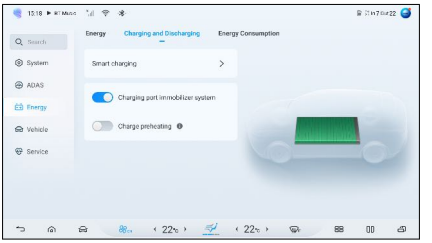
- This function is disabled by factory default.
- This function turns off automatically when battery temperature reaches appropriate range and needs to be turned on next time.

REMINDER

- Charge preheating cannot be used during charging.

Charge Port Anti-theft Lock

In order to prevent the charging connector from being stolen, the vehicle charge port is anti-theft during charging and discharging. This function is deactivated by default. Go to infotainment touchscreen → **Energy** → **Charging and Discharging** to activate or deactivate charging port anti-theft lock.



- When the function is enabled, unlock the vehicle and unplug the charging connector during charging in the following ways:
  - Press the unlock button on the smart key to unlock.
  - Press the microswitch next to the exterior handle of the driver's side door to unlock.
  - Press the central unlock button on the driver's side door to unlock.

CAUTION

- The connector needs to be pulled out within 30 seconds after it is

CAUTION

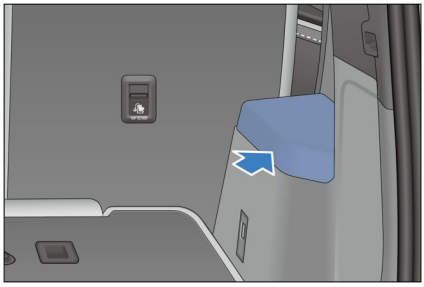
unlocked. Otherwise, the electric lock will lock again.

- After the vehicle is fully charged, the charging connector will be automatically unlocked when the anti-theft mode of the charge port is disabled. When this mode is enabled, the charging connector must be manually unlocked following the above steps.

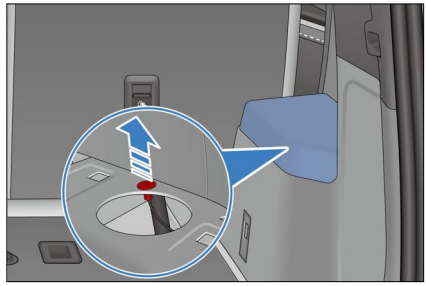
Emergency Unlocking of the Charge Port

When the electric lock fails and the charging connector cannot be unplugged, try to unplug the charging connector by manually unlocking the charge port.

1. Open the trunk lid.
2. Pull out the armrest frame on the right side of the trunk and find the red plug cap.



3. Slightly pull the emergency rope to unlock the charging connector.
4. Reset the emergency cable latch after the unlocking is complete.



REMINDER

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

Driving Range Display

The range display mode can be set to improve driving experience. The default setting is standard mode. You can change it by going to infotainment touchscreen → **Energy**.

- Standard mode: displays the driving range based on the result of comprehensive working condition test.
- Dynamic mode: displays the estimated driving range based on the available battery power and current average energy consumption.
- The set driving range display mode is memorized by the system. When the vehicle is powered off and then on, the display mode set last time will be maintained.

REMINDER

- When the Dynamic range display mode is set:
  - The driving range that is displayed after a full charge may

REMINDER

vary, depending on calculations of the energy consumed the last time the vehicle is used.

- The displayed driving range is adjusted based on whether the A/C is on, selection of driving mode, and the driver's driving habits, so that this range can be closer to the estimated remaining range under current use.

Regenerative Braking Intensity Settings

Energy regeneration: In this process, the motor will generate reverse torque when the vehicle is decelerating, and the generated energy will be recovered and reused to improve the energy utilization rate of the vehicle.

- Braking regeneration:
  - When the vehicle is running in D position, if you completely release the accelerator pedal and depress the brake pedal, and the vehicle is in a stable state, priority is given to responding to motor regeneration for deceleration during braking and deceleration. When the motor capacity is insufficient, the hydraulic brake will actively intervene to maintain the deceleration demand of the vehicle, and the generated energy will be recovered to improve the vehicle economy.
- Sliding regeneration:
  - When the vehicle is running in D position, if you release the accelerator pedal at a certain depth, the motor will output reverse torque to decelerate the vehicle, and the generated energy will be recovered to improve the vehicle economy.
- During driving, energy is recovered through regenerative brakes when the vehicle decelerates. For higher efficiency, do not accelerate or decelerate the vehicle unnecessarily.
- The energy feedback intensity can be made on infotainment touchscreen → **Energy**.
  - Standard: When the accelerator pedal is released, the motor controller recovers energy in the standard level, and the vehicle deceleration is in the standard level.
  - High: When the accelerator pedal is released, the motor controller recovers more energy, and the vehicle deceleration is high.
- You can select the regeneration intensity based on the deceleration sense when releasing the accelerator pedal. Different deceleration senses deliver different driving experiences.
- The set energy regeneration intensity will be memorized. When the vehicle is powered off and then on, the regenerative braking mode set last time will be maintained.

REMINDER

- Do not set the regeneration intensity when driving the vehicle in high speed, as the driver may be distracted. This may obstruct the control of the vehicle, resulting in accidents.

Discharging Instructions

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

WARNING

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

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".

CAUTION

- Before discharging, please confirm the vehicle state of charge (SOC; battery charge level) and estimate the remaining driving range.
- Before V2L discharging, ensure that the load is turned off.

REMINDER

- The V2L function is recommended only when SOC is high.
- The V2L 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 V2L 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.

V2L Discharging

Starting discharging

- Before discharging, disarm the anti-theft alarm system.
- Unlock the charge port door, then open the port door and cap.
- Check before discharging:
  - Ensure that the battery capacity of the vehicle to be discharged is not below 15%.
  - Ensure the V2L connecting device casing is not cracked, and its plug is free from rust or obstructions.
  - Ensure that there is no water or foreign material inside the charge

port and that metal terminals are not damaged and free from rust or corrosion.

- Do not discharge if the above second or third condition is found; otherwise, short circuit or electric shock so caused could lead to personal injury.

- Connect the discharge connection device:
  - Connect the V2L discharge device to the charge port. The power strip indicator lights up when the strip is powered and ready for use.
- Discharging starts:
  - After the connection is made, discharge begins and respective information is displayed on the instrument cluster.

Stopping discharging

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

Battery

High-Voltage Battery

- The vehicle is powered by a high-voltage battery that can be charged and discharged repeatedly. The high-voltage battery is charged by an external power source or through energy recovery when the vehicle brakes or coasts.
- The high-voltage battery is located at the bottom of the vehicle, so be careful when driving on uneven or flooded roads.

Battery Properties

- It is normal that vehicle performance is affected by battery electrochemical properties and self-protection and varies to some extent in the following conditions:
  - When SOC is high, the regenerative braking performance may decline.
  - The vehicle switches to trickle charging mode at high SOC. If the charging time is prolonged, the estimated remaining charging time displayed on the instrument cluster may not be accurate.
  - When SOC is low, the acceleration performance may decline.
  - When the high-voltage battery is low, V2L cannot be used as normal. Charge the battery promptly.
  - At high or low temperatures, it is normal that the charging and discharging capabilities of the high-voltage battery decline, and the charging time is prolonged. Power performance may also decline under extreme temperatures.
  - When charging in low temperatures, the temperature control system can significantly improve charging capability. See charging precautions for details.
  - 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.
  - 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.
  - The available battery capacity decreases as the vehicle is used over time.
  - Usable capacity 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%.

Battery Usage Tips

- It is recommended to use the vehicle at temperatures between -10°C to 40°C. When SOC is low, timely charge the vehicle to ensure enough driving range and good acceleration performance.
- To ensure long term performance, avoid driving in extreme temperatures for over 24 hours.
- In low ambient temperatures, if the vehicle must be stored for a long time, it can be placed in an underground garage or other warmer area to reduce loss of battery heat, maintaining vehicle performance.
- Frequent and sudden acceleration or deceleration should be avoided. Drive the vehicle on flat and dry roads. When necessary, turn off high-power equipment such as A/C or adjust the A/C temperature to reduce power consumption of such devices and increase the driving range.
- When the vehicle is used for the first time or after a long idle period, the SOC displayed on the instrument cluster may not be correct. It is recommended to fully charge the vehicle first.
- For optimal battery performance, use a charging connector to fully charge the battery regularly, and the recommended frequency is once a week at least.
- 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 warning light lights up on the instrument cluster. In that case, it is recommended to contact a BYD authorized dealer or service provider.
- When the battery SOC increases or decreases abnormally, it is recommended to contact a BYD authorized dealer or service provider for inspection.

WARNING

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

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

CAUTION

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

CAUTION

High-Voltage Battery Recycling

How to scrap an NEV:

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

WARNING

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

WARNING

any environmental pollution or safety incident so caused.

Low-Voltage Battery

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

REMINDER

- The low-voltage battery contains relays. Thus, it is normal that relay operating sounds may be emitted from the battery.
- The low-voltage battery shall be charged with professional charging tools, and shall not be removed for recharging without permission.
- Do not jump-start the vehicle with another fuel vehicle, as this may damage the low-voltage battery.
- The low-voltage battery is a battery on low-voltage platform that is different from an ordinary lead-acid battery. Please read the instructions for use in this manual in detail.
- The low-voltage battery has a built-in power manager. Do not disassemble or repair the battery without permission to avoid damaging the battery or causing personal injury.
- The low-voltage battery needs to communicate with the vehicle for normal use, so it is important to connect its connector and wiring harness correctly.

Waking up the Vehicle from Low SOC

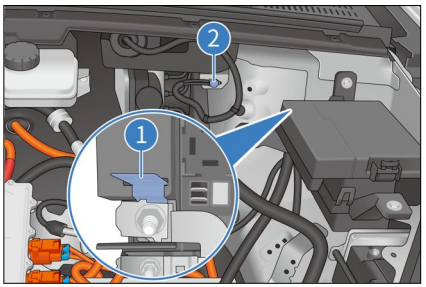
Wake-up by the driver's door microswitch

- The low-voltage battery features the dormant/wakeup function. After long-term parking, if locating or unlocking the vehicle cannot be performed with the smart key, it indicates that the low-voltage battery may have entered a dormant state. At this time, press the microswitch on the driver's door handle (See ***P54***) to activate the low-

voltage battery. After the vehicle is unlocked, it can be used normally.

Wake-up by jump starting

- When the vehicle cannot be woken up and unlocked by the driver's door microswitch, use the mechanical key to open the door. Then, use a 12V power supply to start the vehicle by two specially designed cables for the jump start. In this case, the low-voltage battery SOC is low. The instrument cluster may display "The low-voltage battery SOC is low, and the vehicle is going to be powered off", and the vehicle will become dormant again. Start the vehicle immediately and keep it started for over 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 under-hood PDB. The connection terminals for the jump start in the under-hood PDB are shown in the figure.
  - Positive pole ①
  - Negative pole ②



- If the vehicle cannot be woken up and started by the above steps, it is recommended to contact a BYD authorized dealer or service provider immediately.

WARNING

- Do not connect the vehicle with other vehicles for a jump start before it is powered on. Otherwise, the low-voltage battery may be damaged.
- If the low-voltage battery has low SOC or fails to function normally, a jump start may be required. Please carefully read and strictly follow the jump start instructions.
- The low-voltage battery contains an intelligent control module. Do not disassemble or damage this battery without permission, except in an emergency.
- Disconnect the negative terminal of the low-voltage battery before performing parts replacement and vehicle repairs.

CAUTION

- It is recommended that a jump start be completed under the guidance of professionals, as the space for operating the under-hood PDB is limited and potential circuit-based risks may occur.
- Do not clean the low-voltage battery with liquid to prevent ingress.

Usage Guidelines

Break-in Period

- If the powertrain is hard to start or frequently stops turning, inspect the vehicle immediately.
- If the powertrain makes any abnormal sounds, stop the vehicle for inspection.

- If the powertrain has severe coolant and oil leakage, stop the vehicle for inspection.
- The powertrain needs break-in. It is recommended that this be done within the first 2,000 km in economic mode by smoothly driving, instead of high-speed driving. The following practices can effectively prolong vehicle service life:
  - Avoid flooring the accelerator pedal when starting and driving the vehicle.
  - Avoid speeding.
  - Avoid emergency braking within the first 300 km.
  - Do not maintain a high or low speed for too long.
  - Do not use the vehicle to tow other vehicles within the first 2,000 km of mileage.

Towing Precautions

Towing Precautions

- The vehicle can tow a trailer only when equipped with towing function.
- Do not make non-approved modifications. Contact a BYD authorized dealer or service provider to install the towing kit and related software updates. BYD does not assume any responsibility for injuries or damage caused by non-approved modifications.
- The towing capacity depends on various factors such as vehicle specifications, loads, road conditions, and trailer specifications. The total towing weight must not exceed the limits below:

Item	Parameter (kg)	Comment
Maximum towing capacity (braked)	1500	Maximum total towing capacity allowed when the trailer is braked
Maximum towing capacity (unbraked)	750	Maximum total towing capacity allowed when the trailer is unbraked
Maximum vertical load	75	Maximum vertical load allowed on ball joint

- To tow a trailer, adjust the tire pressure to accommodate additional loads. Keep front tires inflated to 280 kPa and rear tires to 310 kPa.
- Please observe applicable local laws and regulations regarding towing. For driving safety, avoid speeding and overloading.
- 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 must not exceed 100 km/h and the rear tire pressure must be at least 20 kPa above the tire pressure recommended for normal use.
- Towing other vehicles will have an adverse impact on the vehicle, including maneuverability, performance, braking, endurance,

economic driving or power consumption.

- BYD does not assume any responsibility for damage or injuries resulting from towing a trailer, or from failure to comply with the proper guidelines. Damage caused by towing a trailer is not covered by the warranty.
- For detailed towing instructions, contact a BYD authorized dealer or service provider.

Driving Safety Precautions

No Drunk Driving

Even a small amount of alcohol can reduce a driver's ability to respond to traffic condition changes. The higher the level of alcohol, the less responsive the driver will be. Therefore, never drive while under the influence.

No Speeding

Speeding is a major cause of fatal accidents. Faster speeds generally entail higher risk. Therefore, maintain a speed safe for the road traffic conditions.

Keeping the Vehicle Safe for Driving

Tire bursts and mechanical faults are extremely dangerous. To reduce the possibility of such faults, frequently check the vehicle's condition, and regularly complete the specified inspections.

WARNING

- Any driver must possess a driver's license before driving a vehicle.
- Do not drive when fatigued.
- Always follow the traffic regulations when driving a vehicle.

WARNING

- During driving, please focus on driving, and avoid activity unrelated to driving (such as making / receiving phone calls and adjusting buttons).

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 is provided with an energy recovery function. To set the energy recovery intensity, go to Vehicle Settings in the infotainment touchscreen or toggle the switch on the panel. In high energy recovery mode, more energy is recovered during vehicle braking and coasting. Please set to suit to 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.

CAUTION

- Never coast in "N" while driving.

Carrying Luggage

- This vehicle has multiple storage spaces.
- Use the glove box, interior panel and backrest pockets to place small items. Large items are to be placed in the trunk.
- Overloading or improper accommodation may affect maneuverability, stability and normal operation of the vehicle, and reduce its safety.
- Make sure the vehicle's total load (vehicle + passengers + luggage) remains within the maximum allowable total mass.
- Please read the following information carefully before carrying luggage.

WARNING

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

Carrying Items in the Passenger Area

- All items that could be thrown inwards and thus injure occupants in case of a collision must be properly placed and secured.
- Ensure that items placed on the floor behind the front seat do not roll under the seat, so as to avoid affecting the driver's ability to control the pedals or

normal seat adjustment. Do not stack items to a height taller than the front seats' seat backs.

- Make sure the glove box is always closed while driving. If the glove box is open, the occupant's knees may be injured in case of a collision or an emergency stop.

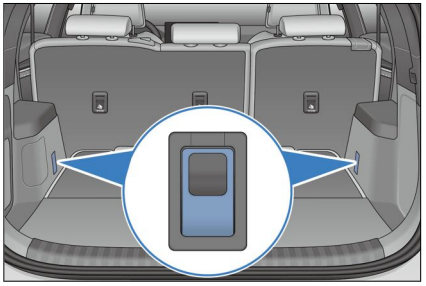
WARNING

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

Loading the Trunk

Luggage anchors (4 pcs)

- Place luggage evenly in the trunk. Put heavier items at the bottom and as far in as possible.
- Secure items with ropes or straps so that they will not move while driving. Do not stack items to a height taller than seat backs.



Roof Rack

- Storing luggage on the roof rack will increase overall energy consumption and change the way the car drives and handles.
- Do not open the sunroof with luggage on the roof rack, or you may risk damaging the sunroof and other components with the beam or the luggage.
- When installing the roof rack, please read and follow the manufacturer's instructions.
- Try to load the roof rack evenly and keep the center of gravity low. Loads on the roof rack may elevate the overall center of gravity, which might alter your driving experience.
- When driving a heavily loaded vehicle, take extra precautions, drive slowly, and increase your following distance.
- The maximum recommended load evenly distributed over the beam is: 50 kg.

CAUTION

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

Vehicle Wading into Water

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

- Driving through deep water may wet brakes. To keep brakes dry, drive carefully and press the brake pedal gently.
- After crossing over, press the brake pedal several times to dry out the disks and recover brake performance.

WARNING

- Drive carefully to avoid accident when there is any water or slurry on the brake disc surface, as this may increase the brake response time thus extending the braking distance.
- Carefully apply any wet brake, and remove ice or water on it.
- Avoid emergency braking as far as possible after driving through any waterlogged road section.
- If the vehicle drives on the waterlogged road. Avoid prolonged water ingress in high-voltage components. Any vehicle fault or damage so caused will not be covered by the quality warranty.
- After the vehicle is driven through waterlogged road sections, vehicle components, such as drive system, driving system and automotive electric system, may also be damaged seriously. Any vehicle fault or damage so caused will not be covered by the quality warranty.
- Be sure to find a sheltered place when charging the vehicle on rainy days. If the vehicle is immersed in water or wades through water over the doorsill, which may cause water ingress in high-voltage components, promptly contact a BYD authorized dealer or service provider for testing and troubleshooting.
- Do not drive the vehicle on the road where the depth of accumulated water exceeds half of the tires.

Influence of water ingress in high-voltage components:

- Water getting into high-voltage components, which are electronic devices, may not be fully dried out by any means.
- Water ingress seriously compromises insulation of high-voltage components, and conductive substances in water may lead to short circuit of high-voltage components or such risk in the entire high-voltage system. This significantly affects the safety and service performance of the vehicle.
- The reduced ingress protection rating and voltage withstanding performance due to water in high-voltage components pose a high safety risk.

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.
- No flammable or explosive items are allowed in the vehicle.
  - Temperatures may reach over 70°C in a vehicle exposed to direct sunlight in summer. Therefore, flammable and explosive items, such as lighters, cleaning agents and perfumes, stored in the vehicle can cause a fire or even explosion easily.
- Make sure cigarettes are thoroughly put out.
  - Smoking is not only harmful to your health, but can also may cause a fire. Cigarettes that not thoroughly put out may cause a fire.
- It is recommended to go to a BYD authorized dealer or service provider for regular vehicle checks.
  - Check vehicle wiring, connections, wiring harnesses, insulation, fixed position regularly. Deal with identified problems promptly.
- Do not refit vehicle wiring or add any unauthorized electrical appliance.
  - The addition of extra electrical appliances, such as high-power audio systems, light fixtures, etc., may overload and overheat the wiring harness and increase the risk of fire. Improper refitting of electrical appliances or wiring may cause a fire due to contact resistance and abnormal heating.
  - Fuses or other replacement wires in excess of relevant electrical rating are strictly prohibited.
- Select a proper parking location.
  - When the vehicle is parked, especially in summer, do check whether there are any flammables such as dry grasses, dead woods, leaves or wheat straws under the vehicle. If any, a fire may be caused.
  - When the vehicle is running, avoid driving on the road sections piled up with flammables such as dry leaves, wheat straws and grasses, or immediately stop the vehicle to check whether any flammables are carried along after passing such road sections. When parking the vehicle, try to avoid sun exposure.
- Disconnect the negative cable of the low-voltage battery when the vehicle is being serviced or repaired.
- Keep a lightweight fire extinguisher in the vehicle and know how to use it.
  - In order to ensure vehicle safety, a fire extinguisher should be equipped in the vehicle, and be checked and replaced regularly. Also, you should familiarize yourself with use of the fire extinguisher and be prepared for any accidents.
- In the event of a fire in the vehicle, take effective measures in a timely and calm manner to minimize any losses.
  - Fires typically show initial warning signs, such as abnormal noises and odors in the vehicle body. When abnormal conditions are found, turn off and stop the vehicle immediately. Try to put out the fire if possible.
  - Call the fire alarm in time, and also dial the insurance company's reporting number and ask the company to come to the fire site for handling.

- Look for the ignition point. If the cabin smokes, do not open the hood immediately. This will let a large amount of air in and cause fire spreading. There is limited comburent in the cabin. Keeping the hood closed can control the fire so that the fire can be easily put out. Point the on-board fire extinguisher at the ignition point from the hood gap to put the fire out, or seek help from the passing cars. If you can borrow more fire extinguishers, open the hood to put it out when you cannot see any flame from outside.
- If the fire brigade is involved, ask for a duty performance certificate and a description of fire cause.
- After occurrence of the accident, contact the insurance company for post-event handling in a timely manner.

REMINDER

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

Starting and Driving

Starting the Vehicle

Safety Check Before Driving

Exterior

- Tires: 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.

Interior

- Seat belts: Check whether seat belts can be properly fastened. Verify that seat belts are not worn or scratched.
- Instrument cluster: Particularly, verify that maintenance indicator, instrument cluster lighting, and defroster work properly.
- Braking: Verify that there is enough space for the brake pedal to work.
- Low-voltage battery and cable: Inspect connectors for any corrosion or looseness and any cracks in low-voltage battery housing.

In the engine compartment

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

Preparations Before Driving

- Check your surroundings before getting into vehicle.
- Adjust seat position, seatback angle, cushion height, headrest height, and the steering wheel angle and height.
- Adjust interior rearview mirror and side mirrors.
- Make sure all doors are closed.
- Fasten the seat belts.

Starting the vehicle

In normal cases, start the vehicle as below:

- Engage the parking brake firmly.
- Turn off all unnecessary lights and accessories.
- Shift to "P" or "N".
- Carry the correct smart key with you.
- Press the START/STOP button while pressing 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:

- The vehicle cannot power on when:
  - After you press the START/STOP button, the smart key warning light turns on, a beep sounds, and the message "Key not detected" is displayed on the instrument cluster. This means that the key is not in the vehicle or cannot be detected due to interference.
  - The electronic smart key is on the floor, or in the cup holder, trunk, or glove box.

Starting the vehicle in emergencies:

- Engage the parking brake firmly.
- Turn off all unnecessary lights and accessories.
- Shift to Park or Neutral.
- The power mode is "OFF".
- The electronic smart key is in the vehicle.
- Press and hold the START/STOP button for more than 15s to start the vehicle.

WARNING

- Do not touch the START/STOP button while driving.

Auto Power On/Off

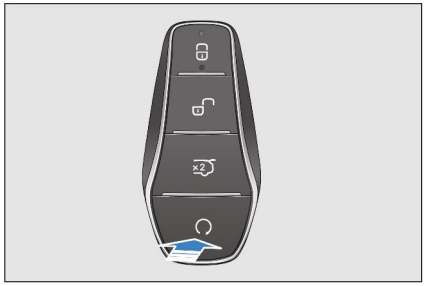
- Enable auto power on/off in infotainment touchscreen → **Vehicle** → **Locks**. This function is disabled by factory default.
- When auto power on is enabled, power on the vehicle in the following two methods:
  - Method 1: Unlock with a valid smart key, microswitch, NFC key, or digital key*, and then open the driver's door for the first time.
  - Method 2: Carry a valid smart key, NFC key, or digital key*, and press the brake pedal. The vehicle is ready to drive.
- When auto power off is enabled, power off the vehicle in the following two methods:
  - Method 1: Press the START/STOP button.
  - Method 2: Shift to Park, and lock from the outside with a valid smart key, microswitch, NFC key, or digital key*.

REMINDER

- Auto power on is operational only when the driver's door is opened for the first time after unlocking.
- If you unlock and access the vehicle by opening a door other than the driver's door, after you powering on and then off, opening the driver's door does not power on the vehicle.
- When auto power on is disabled, the brake pedal and the START/STOP button must be pressed to power on the vehicle.
- Auto power on is not operational when the hood is open.
- Auto power off is not operational when the driver is belted.
- To prevent false triggering, Bluetooth and cloud service can only lock but not power off the vehicle.
- In the case of auto power on by opening the driver's door, locking from the outside with a valid smart key, microswitch, or NFC key automatically powers off the vehicle. There is no need to press the START/STOP button.
- UWB module must be installed to use UWB digital key for auto power on/off.

Remote Start

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



Check after starting

- Instrument cluster: Confirm that the maintenance indicator and the speedometer work normally.
- Brakes: In a safe area, drive the vehicle straight, hold the steering wheel tightly, decelerate and apply the brake. Verify that the vehicle maintains a straight direction.
- Other abnormalities: Check for loose parts, leaks, and unusual noises.

Active Suspension Mode

- Different drivers may have different preferences and opinions, leading to different comfort, performance, maneuverability, and style demands.
- Go to the infotainment touchscreen → **Vehicle** → **Intelligent Chassis** → **Active Suspension Mode**, and select **Comfort** or **Sport**.

Gear Shift Controls

- The gear position of the gear actuator is marked on the gearshift lever as shown.
  - "P": Parking. Press this button to park the vehicle. The transmission should be set to this position when the vehicle is being shut down or started up. To start the vehicle, turn the ignition on. Press the brake pedal to switch from "P" to another position.

CAUTION

- To prevent damaging the transmission, press the "P" button only after the vehicle has completely stopped.
- Press the "UNLOCK" button to shift out of "P" or to "R".

- "R": Reverse, used only when the vehicle has come to a complete stop.
- "N": Neutral, used for temporary stop.

  Shift to "P" before long-term parking.
- "D": Drive. Shift to "D" to drive the vehicle normally.
- If the shift is successful, the lever returns to its middle position after it is released.
- If the driver's door opens while the car is moving ⩽ 3 km/h in a "D" / "R" gear state, the gear will automatically switch to "P".
- When starting the vehicle, turn the ignition on and shift into "D" or "R" gear to link the EPB system.
- Any unreasonable gear shifting may damage the powertrain. Gear shifting table:

Current gear / Shift to	P	R	N	D
P	/	With the ignition on and vehicle speed ⩽3 km/h.	With the ignition on and vehicle speed ⩽3 km/h.	With the ignition on and vehicle speed ⩽3 km/h.
R	With the ignition on and the brake pedal pressed.	/	With the ignition on, vehicle speed ⩽3 km/h and the brake pedal pressed.	With the ignition on and vehicle speed ⩽3 km/h.
N	With the ignition on and the brake pedal pressed.	With the ignition on.	/	With the ignition on.
D	With the ignition on and the brake pedal pressed.	With the ignition on and vehicle speed ⩽3 km/h.	With the ignition on, vehicle speed ⩽3 km/h and the brake pedal pressed.	/

Note: "/" indicates an impossible situation.

WARNING

- Never coast in "N" with the motor off to avoid accidents resulting from insufficient braking power.
- When the motor is running and the vehicle is in the "R"/"D" gear, always stop the vehicle by stepping on the brake pedal, as there is still force transmitted from the actuator and the vehicle can travel slowly even in its idle condition.
- If you want to shift a gear while driving forward, do not step on the accelerator pedal to prevent accidents.
- Never set the shift lever to "R" or press the "P" button while the vehicle is in motion to prevent accidents.
- Never coast downhill in "N", especially if the motor is not running.
- To prevent inadvertent vehicle movement, apply the parking brake when the vehicle comes to a full stop and press the "P" button.

Electric Parking Brake (EPB)

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

Engaging EPB Manually

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

CAUTION

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

Engaging EPB Automatically

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

WARNING

- After the EPB switch is pressed, the EPB will be not engaged automatically when the motor is shut down.
- Do not release the brake pedal early in the process, especially when the vehicle is stopped on a slope, to prevent it from rolling.
- This function is designed to improve the vehicle safety. Excessive reliance on or frequent use of the function is not recommended. For safety reasons, make sure that the vehicle is shifted into "P" or the EPB is engaged before getting off.

Releasing EPB Manually

With the ignition on, when the vehicle is ready to drive and not shifted into P (Park), press and hold the brake pedal and press the EPB switch until the indicator (P) turns off on the cluster, indicating EPB has been released, and the "EPB released" message is displayed.

WARNING

- "P" (park): When the gearshift lever is in this position, the vehicle is in a stable parking state. To ensure safe parking, the EPB, the main parking mechanism of the vehicle, can be released by the EPB switch only in a position other than "P".

Automatic EPB Release upon Vehicle Start

- On a flat road or small slope (gradient less than 10°), with the vehicle parked, start the vehicle, press and hold the brake pedal, and shift the gear from "P" or "N" into a driving gear like "D" or "R". EPB is released automatically,

the indicator turns off, and a "EPB released" message is displayed.

CAUTION

- The brake pedal must always be pressed when shifting gears. Release the pedal only after the intended gear is displayed on the cluster.

- When the vehicle has been started and the gear is in a driving gear such as "D" or "R", engage EPB manually, then simply press the accelerator pedal slowly to a certain degree. EPB is released automatically and (P) turns off with the message "EPB released" displayed.

WARNING

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

If EPB Release Fails

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

Emergency Braking When Brake Pedal Fails

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

CAUTION

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

EPB System Indicator

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

EPB Operating Sound

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

WARNING

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

Automatic Vehicle Hold (AVH)

Auto Vehicle Hold(AVH) is an automatic vehicle hold function for stops during long drive motor working periods, such as on slopes, at a red light, or in traffic. AVH can free your foot from the brake pedal and your hand from the parking brake.

Slow-Moving Condition

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

AVH Standby Preconditions (All Must Be Met)

1. AVH switch is turned on and the white AVH standby indicator is displayed on the instrument cluster.
2. The driver's seat belt is fastened and the doors are closed.
3. The vehicle drive motor is started or the ignition is on.
4. Intelligent power braking system and electrical park brake (EPB) systems are normal.

CAUTION

- The AVH defaults to off once the vehicle is powered up. When AVH is in standby mode, is displayed on the instrument cluster.

AVH Running Conditions (All Must Be Met)

1. AVH condition has been met.
2. In D gear, the brake pedal is pressed to stop the vehicle.

- The AVH function is enabled, brake lights and the high mount brake light are on, and the AVH indicator on the cluster turns green.
- The AVH function enters the standby mode after working for 10 minutes, with the EPB automatically engaged.

WARNING

- With AVH on (indicator in green), when the EPB fails to function normally, reminders like "Please check the ESC system" and "Please check the EPB system" pop up on the cluster. The driver must take over within two seconds, after which AVH will release the braking pressure.

Disabling AVH

Press the AVH switch again to disable AVH.

CAUTION

- Pressing the accelerator pedal, switching to the "P" gear, or engaging the EPB can make AVH exit to the standby status. The vehicle exits AVH mode even if the AVH standby conditions are not met.

Key Points for Driving

- Slow down when driving against strong winds.
- Drive slowly and carefully along gravel roads. To prevent tire damage, do not drive over sharp-edged obstacles. Or it will severely damage the tires.
- Slow down on bumpy or uneven roads. Otherwise, the impact may seriously damage wheels.
- Avoid driving through flooded areas as much as possible.
- Drive carefully on slippery roads, such as roads covered in ice, snow or sand, or surfaces such as wet ceramic tiles or epoxy resin. Avoid parking on slopes to prevent vehicle sliding.

WARNING

- The battery is located in the vehicle's chassis. Make sure to avoid bumping when driving.
- The driver shall ensure the riding safety of all passengers in the vehicle, guide them to correctly use vehicle features, and prevent children and other passengers operating control switches such as window switches in a wrong way.
- Make sure no occupant sticks their head or hands outside the vehicle, specially when it comes to children.
- Be careful when accelerating or braking on slippery roads. Quick acceleration or sudden braking will cause the vehicle to skid or deviate.
- Do not leave the vehicle when the drive motor is running.

CAUTION

- When the vehicle is running normally, the vehicle power output will be cut off for emergency power-off if the "START/STOP" button is pressed and held for over three seconds. At this time, it is recommended to press the hazard warning light button, coast along the roadside, and gradually slow down until the vehicle stops by pressing the brake pedal, engaging the EPB or hitting surrounding obstacles at a low speed.
- Before driving, make sure that EPB is fully released and that the EPB indicator light is off.

⚠ CAUTION

- Do not put foot on the brake pedal when driving. Otherwise, this will cause overheating, wear and waste of electric energy.
- Slow down when driving down steep slopes, and avoid braking too frequently to prevent disc overheating, which affects brake performance.
- Large amounts of water entering the engine compartment can cause damage to the power system and electrical components.

Winter Driving Precautions

- 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.
- Check batteries and cables conditions.
  - The low-voltage battery's capacity is lower in cold weather, so they must be fully charged when winter comes.
- Avoid door frost.
  - Spray some deicing agent or glycerin in the lock hole to prevent freezing.
- Use anti-freeze washer fluid.
  - These can be found in the BYD authorized dealer or service provider and the auto parts stores.
  - The water and anti-freeze ratio must conform to manufacturer instructions.

⚠ CAUTION

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

- Prevent ice and snow from going under the fender.
  - Steering is difficult with ice or snow accumulating under the fenders. When driving in cold weather, stop from time to time and check for snow and ice under the fenders.
- It is recommended to carry emergency tools or items for different road conditions.
  - It is advisable to have snow chains, window scraper, bags of sand and salt, flashing signal, a shovel and connecting cables in the vehicle.

Driver Assistance

Adaptive Cruise Control (ACC)

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

Status Description

- ACC standby:
  - Once enabled, the system is on standby by default and can be manually activated. If the vehicle does not meet activation conditions, it must be checked until such conditions are met. At this time, (with a variable cruise speed value) is displayed on the instrument cluster.
- ACC activated:
  - The system is operational. It maintains the set speed or automatically adjusts the distance from the vehicle ahead. At this time, (with a variable cruise speed value) is displayed on the instrument cluster.
- Over speed:
  - When you step the accelerator pedal while ACC is active, the vehicle responds to your acceleration action so that the ACC is temporarily deactivated until you release the pedal.
- ACC failure:
  - There has been a failure in the system. No operation can be performed, and the ACC failure indicator lights up on the instrument cluster.

ACC Activation Conditions

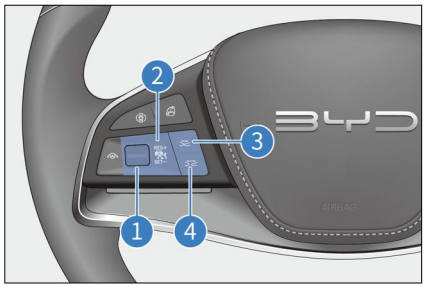
- The EPB has been released.
- The vehicle is in Drive.
- The vehicle does not slide backwards.
- The trunk, hood, and all doors are closed.
- Driver seat belt is fastened.
- The ESC system is on, but not activated yet.
- The vehicle speed is not greater than 150 km/h.
- Brake pedal is pressed at speed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

Cruise Button Operation

ACC activation/exit button

- Press button ② to activate or exit ACC. The system is in standby when activation conditions are met. (By default, ACC activation by pressing button ② sets the current speed as the cruise speed. If the current speed is below 30 km/h, the cruise speed is set to 30 km/h.)

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 ① to restore to the stored speed prior to exiting the cruise system.

Increasing/Decreasing target speed

- When ACC is active, set the vehicle to a speed within the 30-150 km/h range by moving the lever ①. Toggling the lever ① up or down increases or decreases target speed by 5 km/h.

WARNING

- Please strictly abide by the local speed limit regulations, drive safely, and do not speed.

Exiting ACC

- While ACC is active, pressing button ② for a second time or pressing the brake pedal makes the ACC system go on standby.

Setting vehicle distance

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

Increasing/Decreasing speed with ACC active

- When ACC is activated, you can press the accelerator pedal to reach the set target cruise speed in advance. The system then enters over speed mode. If the vehicle is already running at the target speed and the driver presses the accelerator pedal without performing any other operations, the vehicle will return to the target speed after the accelerator pedal is released. If the driver presses the brake pedal to slow down continuously, ACC goes into standby mode. After the brake is released, ACC will need to be reactivated.

Follow-to-stop/start

- Controlled by ACC, the vehicle can stop when the vehicle ahead stops in normal driving conditions and resume driving automatically following the vehicle ahead if the stop is less than 30 seconds.
- If the vehicle stops for a time period between 30 seconds and three minutes, press the accelerator pedal or push up lever ① to reactivate ACC.

System Limitations

- The front mmWave radars are installed in the front of the vehicle. Blockage of its detection area by contaminants can disturb the intended function. In particular, if the sensor is covered by snow completely, the ACC system exits and informs of this on the instrument cluster. System function will recover after blockage is removed and the vehicle is restarted or runs on normal roads 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 a few seconds due to sensor vision limitations, possibly causing the ACC vehicle to accelerate automatically.
- Traffic flow and weather conditions, such as rain and fog, must be heeded for setting vehicle distance on the ACC system. After the ACC system is properly set, the driver must be able to decelerate until the vehicle stops at any time.
- The ACC system may not be able to identify stationary or slow-moving

objects, such as vehicles, the end of traffic, toll booths, bicycles, or pedestrians. This means a risk of collision and requires the driver to beware of the surroundings.

- The ACC system cannot identify pedestrians or oncoming vehicles.
- The ACC system can only achieve limited braking instead of emergency braking.
- Metal objects, such as rail or metal plates used in road construction, may interfere with front mmWave radars, making it malfunction.
- Performance of front mmWave radar sensors may be affected by vibration or collision. 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.
- The ACC assists the driver, but is not a substitute for the driver. Drivers shall abide by traffic rules and keep vehicle control at all times and be fully responsible for their vehicles.
- For safety reasons, ACC cannot be activated with ESC disabled.
- The ACC is suitable for highways and roads in good conditions, rather than 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 cases, there will be no take-over request.
- In some cases, such as when the vehicle ahead is going too slow, when lane change is too fast, or when the safe distance from the vehicle ahead is too short, there is no adequate time for the system to decrease the relative speed, so response has to come from the driver. The system cannot give audio or visual warnings in every case.
- 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 cannot identify all the obstacles, so the driver must be alert to the front obstacles or other traffic participants.
- A short distance from an adjacent lane (or a vehicle on an adjacent lane that is too close to the ACC vehicle's lane) may trigger ACC to brake.
- Vehicles coming into the ACC vehicle's lane and within 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.
- Changing the vehicle structure, such as lowering the chassis or changing the front license mounting plate, may affect the ACC system.
- Do not use the ACC system when visibility is poor, or when driving on slopes, winding roads, or wet roads (covered in ice/snow or flooded).
- ACC cannot be activated in special driving modes* like tow/snow/mud/sand/terrain.
- Make sure to go to a BYD authorized dealer or service provider for professional calibration and checking of front mmWave radars or the multi-purpose camera in any of the following situations:
  - The front mmWave radar, front bumper, or front windshield has been removed.
  - Wheel alignment has been carried out.
  - The vehicle has experienced a collision.
  - ACC system performance has degraded or the instrument cluster has prompted an system error.

WARNING

- ACC 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 ACC to fail.
- Use ACC based on your needs, traffic, and road conditions.

Intelligent Cruise Control (ICC)

- The intelligent cruise control (ICC) system integrates ACC and lane centering control (LCC). It helps control the vehicle both longitudinally and transversely at speeds between 0 and 120 km/h to reduce the driving burden and provide a safe and comfortable driving environment.
- When the function is enabled, the driver must always hold the steering wheel and control the vehicle when necessary.
- Longitudinal assistance, driven by the ACC system, keeps the vehicle at a fixed speed or a fixed distance from the road user ahead.

Status Description

- ICC standby:
  - The ICC system is on standby by default and can be manually activated. If the vehicle does not meet activation conditions, the vehicle must be checked until such conditions are met. At this time, is displayed on the instrument cluster.

- ICC activated:
  - The ICC system is operational. It maintains the set speed or automatically adjusts the distance from the vehicle ahead. At this time, is displayed on the instrument cluster.
- ICC failure:
  - There has been a failure in the system. No operation can be performed, and the ICC fault indicator lights up on the instrument cluster.

ICC Activation Conditions

- The EPB has been released.
- The vehicle is in Drive.
- 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.
- 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.
- There is no vehicle network communication failure prompt on the instrument cluster.
- The AEB function is not activated.
- Two-way lane lines are clear and the vehicle is at the center of the lane.

How to Use

- Press the button ① on the steering wheel to activate or exit ICC. (By default, when the function is activated, the current speed is set as the cruise speed. If the current speed is below 30 km/h, the cruise speed is set to 30 km/h.)
- For how to set the cruise speed and vehicle distance, see ACC function descriptions (in the previous chapter).

- You can also turn ICC on or off in → **ADAS** → **Driving Assist**. If ICC has been enabled on the infotainment touchscreen, it can be disabled only when the vehicle is in P gear. When the vehicle is just started up, ICC status before the last power-off is maintained.

Precautions

- 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 there is no lane lines ahead, transverse ICC control is suppressed and only ACC works. In that case, ICC working status indicator turns gray on the instrument cluster.
  - If lane lines ahead are clear and recognizable, transverse ICC control is activated automatically. In that case, ICC working status indicator

shows activated status on the instrument cluster.

- The ICC system is a driving assistance system, not an automatic driving system. The driver should keep control of vehicle at all times, and their hands should not leave the steering wheel for a long time. Otherwise, the system will exit after prompting the driver to take over the control.
- The ICC system can be affected by weather conditions, lighting and clarity of lane lines. Performance degrades significantly in situations such as backlighting, sunset, snow covered roads, and severely damaged roads.
- Do not use the ICC system on 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 multi-purpose camera.
- ACC cannot be activated in special driving modes* such as tow/snow/mud/sand/terrain.
- Situations where ICC cannot be used include:
  - The sensor is blocked.
  - The vehicle is running under severe weather conditions.
  - Active safety function is triggered.
  - Vehicle speed exceeds specified range.

WARNING

- ICC only serves as a driving assistance function, so the driver must be fully responsible for driving safety.

WARNING

- Influence of weather, road conditions, and other factors may cause ICC to fail.
- Use ICC based on your needs, traffic, and road conditions.

Forward Collision Warning (FCW) & Automatic Emergency Braking (AEB)

Forward collision warning (FCW) system and automatic emergency braking (AEB) system detect vehicles and pedestrians ahead by using front mmWave radars and the multi-purpose camera. When detecting a risk of collision, the system gives audio and visual alarms to alert the driver, and improve the potential braking pressure for better response timing. If detecting increased risk of collision, the system automatically applies braking pressure to assist in collision avoidance or impact reduction.

How to Use

- Enable or disable FCW and AEB in → **ADAS** → **Safety Assist**.
- FCW gives alarms in forms of audio, text, and intermittent braking.
- When FCW 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 on the instrument cluster.

FCW Activation Conditions (All Must Be Met)

- This function has been turned on in **Vehicle Settings**.
- Vehicle speed is within the 16 km/h-150 km/h range.
- The vehicle is in Drive.
- The vehicle does not slide backwards.

AEB Activation Conditions (All Must Be Met)

- This function has been turned on in **Vehicle**. By default, AEB is enabled each time when the vehicle is powered on.
- Vehicle speed is within the 4 km/h-150 km/h range.
- The EPB has been released.
- The vehicle is in Drive.
- 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.

AEB Activation Scenarios

- Pedestrians
  - A pedestrian in front walking in the same direction as the vehicle
  - A pedestrian crossing in front of the path of the vehicle (including when the vehicle is turning or the driver's view is obstructed)
- Non-motor vehicles
  - A bicycle or motorcycle in front travelling at a low speed in the same direction as the vehicle
  - A bicycle or motorcycle crossing in front of the path of the vehicle (including when the vehicle is turning or the driver's view is obstructed)
  - A stationary motorcycle in front
- Motor vehicles
  - A stationary vehicle in front
  - A vehicle in front travelling at a low speed or decelerating in the same direction as the vehicle
  - A vehicle crossing in front of the path of the vehicle (including when the vehicle is turning)
  - A vehicle in front travelling in the opposite direction as the vehicle
  - A vehicle in front travelling in the opposite direction to attempt an overtake
- When the above scenarios are detected, the AEB system will determine in real time if a collision risk exists. If there is a risk of collision, AEB system will give alerts and initiate auto-braking to mitigate severity or avoid a collision.

System Limitations

- Detection may be affected or delayed in some environments. If the radar cross section of the target (a bicycle, three-wheelers, four-wheeler, or motorized bicycle, or motorcycle, for example) is too small, the system may not be able to establish its distance, resulting in either late or no response to those vehicles.
- The activation of the AEB system depends on various factors such as the environment, the state of the vehicle and the target. There is no guarantee

that the emergency braking can always be activated in every scenario.

- The system may be affected or give no response in the following cases:
  - On rainy, snowy or foggy days, or exposure to direct sunlight or glaring lights, or significantly varying lighting conditions.
  - 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 move too quickly into the sensor's detection range.
  - Pedestrians are obscured by other objects.
  - Pedestrian outlines are indistinguishable from the surroundings.
  - Pedestrians are not detected, due to, for example, coverage by special clothing or other materials.
  - The vehicle is on a sharp curve.
- Oncoming traffic scenario:
  - When detecting a possible risk of collision with oncoming traffic, the system applies emergent braking automatically. If an accident is unavoidable, the system helps 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.
- Make sure to drive safely and observe surrounding traffic conditions. The AEB is not a substitute for normal braking operation in any event.
- Do not overly rely on the AEB system as this may result in 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 FCW 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. Clean them in time to prevent FCW and AEB from malfunctioning.
- 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 if AEB is triggered. A large amount of hydraulic pressure will be required to push the caliper in a short time and there will be a sizzling noise.
- The AEB system is triggered only with doors closed and seat belts fastened. It fails to work in the following cases:
  - Any door is not closed or it is opened when the vehicle is moving.
  - Any seat belt has not been fastened or it is unfastened while the vehicle is traveling.
  - The driver accelerates or decelerates rapidly or turns the steering wheel quickly.
- System performance may be reduced in the following cases:
  - Strong front bumper impact from accidents or other causes.
  - Improperly inflated or worn out tires.
  - Unqualified tires installed.
  - Snow chains installed.
  - Use of a small spare tire or tire repair kit.
- Make sure to go to a BYD authorized dealer or service provider for professional calibration of 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 multi-purpose camera change after a collision.
- Do not try to test AEB.

WARNING

- FCW and AEB only serve as driving assistance functions, so the driver must be fully responsible for driving safety.
- Influence of weather, road conditions, and other factors may cause FCW and AEB to fail.
- Use FCW 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 mmWave radars on both sides of the front bumper to alert the driver and engage the brake if necessary. At low vehicle speeds, when the system detects a risk of collision with a vehicle crossing the driveway at the front, it provides the driver with visual and audible alerts; in the event of an impending collision, the vehicle brakes automatically.

How to Use

- Enable or disable FCTA and FCTB on infotainment touchscreen → **ADAS** → **Safety Assist**.
- When FCTA is activated, side mirror warning indicators flash and an audible alarm sounds.
- When FCTB is activated, is displayed on the instrument cluster and an audible alarm sounds, with AEB automatically braking the vehicle.
- In the event of FCTA/FCTB malfunction, is displayed on the instrument cluster.

Precautions

- FCTB activation scenarios:
  - A pedestrian or vehicle is crossing in front of the path of the vehicle that is moving at a low speed or turning.
- The activation of the FCTB system depends on various factors such as the environment, the state of the vehicle and the target. There is no guarantee that the emergency braking can always be activated in every scenario.
- While the system provides assistance in monitoring front left and right sides, 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 is 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 changes the lane suddenly.
  - The target vehicle is obscured.
  - The radar cross section of the target vehicle (for example, a bicycle or electric moped) is too small.
  - The vehicle is running under severe weather, such as rain or snow.
  - MmWave radar(s) 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 the mmWave radar's detection range.
- FCTA or FCTB is switched off.
- The vehicle is not in Drive.
- Four doors are open.
- System initialization has not been complete yet.
- MmWave radar(s) fail.
- Vehicles coming from the front left or right side 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/FCTB only serves as a driving assistance function, so the driver must be fully responsible for driving safety.
- Influence of weather, road conditions, and other factors may cause FCTA/FCTB to fail or lead to late braking.
- Use FCTA/FCTB based on your needs, traffic, and road conditions.

Traffic Sign Recognition (TSR)

The traffic sign recognition (TSR) system identifies speed limit signs through the 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 limit.

How to Use

- Enable or disable TSR in → **ADAS** → **Safety Assist**.
- When the TSR system identifies the current traffic sign, 120 is displayed on the instrument cluster.
- When TSR cannot identify whether the recognized speed limit value applies to the lane, 120? is displayed.
- When the TSR system experiences reduced performance, 120 is displayed.
- When the TSR system has a reduced performance and cannot identify whether the recognized speed limit value applies to the lane, 120? is displayed.
- If the TSR system malfunctions, --- is displayed.
- If you disable TSR manually by pressing buttons, --- is displayed.
- When no available speed limit value is identified, --- is displayed on the instrument cluster.
- The specific numbers displayed in the indicators depend on the actual traffic signs.

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.
- Weight limit signs not in standard size as per national regulations may mistakenly be identified as speed limit signs.
- If a speed limit sign is unclear, distorted, inclined, reflective, or partly blocked or overlaid, the multi-purpose

camera may fail to or incorrectly identify the sign.

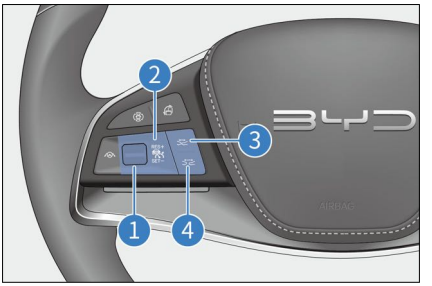
- TSR performance depends on weather conditions, lighting, and sign visibility. The system may fail to or incorrectly identify the sign at night or sunset, in rainy, foggy, hazy, snowy or dusty environment, when light is coming from the back of the vehicle, or when there is a sudden change in lighting.
- In case there is a collision or the camera sensor has been reassembled, it is recommended to go to a BYD authorized dealer or service provider for sensor calibration so as to avoid affecting system performance.
- If the model is available on the European market, recognition of traffic jams, construction zones, and accidents ahead must rely on Internet connection, provided that the system supports the recognition of these signs. It is recommended to use the function under Wi-Fi or hotspot connection. You can also use mobile data on the infotainment system as long as it is within the monthly data limit.

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 the functions of ACC and TSR. With ISLC system enabled, if the current ACC speed is inconsistent with the value on the recognized speed limit sign, the system prompts whether to adjust it to that limit value. The setting is automatically performed after it is confirmed (by toggling down the lever ①).



- This function is accessible at the 30-150 km/h range of speed.

How to Use

- To enable or disable this function in → **ADAS** → **Safety Assist**.
- 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

- ISLC integrates ACC and TSR. Therefore, ACC and TSR function precautions must be followed during use (see the previous chapters for details).

- The intelligent cruise control system is a driving assistance system, so the driver should keep control of vehicle at all times.
- ISLC performance depends on weather conditions, lighting, and traffic sign visibility. The system may fail to or incorrectly identify the sign at night or sunset, in rainy, foggy, hazy, snowy or dusty environment, when light is coming from the back of the vehicle, or when there is a sudden change in lighting.

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.

Adaptive Front Light (AFL)

Adaptive Front Light (AFL) assesses current driving conditions by using multi-purpose camera sensors and automatically activates or deactivates the high beam accordingly, when vehicle speed exceeds 35 km/h.

Status Description

- AFL standby:
  - When the function is enabled but not activated yet, a icon is displayed on the instrument cluster.
- AFL activated:
  - 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, is displayed.
- AFL failure:
  - HMA has failed. A icon is displayed on the cluster at this time.

How to Use

- To enable or disable this function in → **ADAS** → **Safety Assist**. When the vehicle is started, the system defaults to previous settings.
- 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

- The AFL system is an auxiliary light control function. While it is recommended to use the system at high vehicle speeds, the system cannot completely replace the driver's judgment. The driver must observe road regulations and actively switch between high and low beams according to road condition changes at all times.
- When the vehicle is in a high dynamic state, for example when the ABS or ESC is activated, beam switching is suppressed.
- AFL system exits when you turn fog lights or turn signals on, set wipers to high-speed mode, are backing up, or set the light switch to a position other than auto lights, or the environment has too much lighting.

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

- AFL 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 AFL to fail.
- Use AFL based on your needs, traffic, and road conditions.

Lane Departure Assist (LDA)

Lane Departure Warning (LDW)

- The lane departure warning (LDW) system detects the lane lines ahead through a multi-purpose camera. When the vehicle speed is 60 - 150 km/h and the driver unintentionally drifts out of the lane, the LDW system warns the driver by steering wheel vibration, sound alarm and instrument cluster prompt.

Lane Departure Prevention (LDP)

- The lane departure prevention (LDP) system identifies lane lines ahead through a multi-purpose camera. If the driver unknowingly departs from the lane at a vehicle speed between 60 km/h and 150 km/h such that the vehicle is about to roll over lane lines, the system, when activated, slightly turns the steering wheel by providing reverse torque through the electronic power steering (EPS) system to prevent lane departure.
- 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. 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.

How to Use

- To enable or disable this function in → **ADAS** → **Safety Assist**.
- There are three LDW modes: audible alarm only, steering wheel vibration only, and combination.

- When LDW or LDP is enabled,  is displayed on the instrument cluster.
- When activated, LDW gives alarms (in the form of audible and visual alarms, and steering wheel vibration). On the instrument cluster, virtual lane lines on the side where the vehicle rolls over lane lines turn red.
- When activated, LDP gives alarms (in the form of audible and visible alarms). On the instrument cluster,  flashes twice, virtual lane lines on the side where the vehicle rolls over lane lines turn blue.
- In the event of malfunction,  is displayed.

System Limitations

- The LDA system may detect incorrect or no lane lines in complex traffic. In the following situations, the system may fail or its performance significantly degrade:
  - Poor visibility on snowy, rainy, or foggy days
  - Dirty or fogged windshield, or blocked multi-purpose camera
  - Glaring from direct sunlight, reflection, or oncoming vehicles
  - 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 on sunny days
  - Unidentifiable road boundary with grass, soil, or curb
  - The function may be suppressed in narrow lanes to prevent the interference of its frequent activation.

Precautions

- LDW will be suppressed if a turn signal is used and the vehicle changes lane as indicated by the turn signal.
- LDW may be suppressed if the vehicle travels over lane lines or if 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, if the number of lanes increases or decreases, if lane markings change suddenly on ramps or exits, or in situations of complex line arrangements.
- LDW may be suppressed on slopes or winding roads when the vehicle travels too close to the vehicle ahead or when the vehicle ahead obscures lane lines.
- LDW may be suppressed when the vehicle jolts, accelerates or decelerates too quickly, or takes a sharp turn.
- The system operation may be affected if the windshield within the visual field of the multi-purpose camera is cracked, if the windshield glass is dyed or inadequately coated, if any reflective object is placed on the dashboard, or if any other object interferes with camera sight.
- For safety reasons, do not test LDW function on your own. The function will be interrupted if the multi-purpose camera is blocked by any object or exposed to strong lights. The function recovers once conditions return to normal. If it does not, it is recommended to contact a BYD authorized dealer or service provider.
- Disabling the LDW is recommended under any of the following circumstances:
  - Driving in a sporty style
  - Severe weather conditions
  - 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.
- Influence of weather, road conditions, and other factors may cause LDA to fail.
- Use LDA based on your needs, traffic, and road conditions.

Emergency Lane Keeping Assist (ELKA)

The emergency lane keeping assist (ELKA) system identifies lane lines ahead through a multi-purpose camera and identifies vehicles approaching from behind on the adjacent lanes through rear corner mmWave radars. It comes to work within the 50 km/h-150 km/h vehicle speed range when the vehicle drifts out of solid lane lines, is about to cross a road edge, or has a risk of colliding with oncoming vehicles or vehicles that are passing it on adjust lines. The system activates EPS system to provide reverse torque, keeping the vehicle in the current lane.

How to Use

- To enable or disable this function in → **ADAS** → **Safety Assist**.
- When ELKA is active, flashes on the instrument cluster.
- In the event of ELKA malfunction, is displayed.
- If you disable ELKA is manually by pressing buttons, is displayed.

System Limitations

- The ELKA system may detect incorrect or no lane lines in complex traffic. The following situations may lead to failure or performance degradation of the system:
  - Poor visibility on snowy, rainy, or foggy days
  - Dirty or fogged windshield, or blocked multi-purpose camera
  - Glaring from direct sunlight, reflection, or oncoming vehicles
  - 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 on sunny days
  - Unidentifiable road boundary with grass, soil, or curb
  - The function may be suppressed in narrow lanes to prevent the interference of its frequent activation.

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

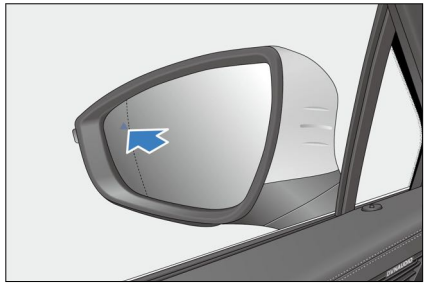
- ELKA only serves as a driving assistance function. The driver is fully responsible for driving safety.
- Influence of weather, road conditions, and other factors may cause ELKA to fail.
- Use ELKA based on your needs, traffic, and road conditions.

Blind Spot Assist (BSA)

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

BSD

At vehicle speeds between 15-150 km/h, if a rear corner mmWave radar detects a vehicle in blind spots on an adjacent lane or a vehicle approaching quickly on the adjacent lane, the indicator on the corresponding side mirror lights up. If the turn signal for the same side is turned on at this moment, the alarm indicator on the side mirror flashes to alert the driver of a risky lane change.



RCTA

When the vehicle is reversing at a speed no more than 15 km/h, the RCTA system detects targets traveling in the side and rear blind spots through rear corner mmWave radars. If the system determines that a target approaching from behind the side of the vehicle 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.

RCTB

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

RCW

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

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. If the driver attempts to open the door at this time, indicators on side mirrors begin to flash and a chime sounds.

How to Use

- Enable or disable BSD, RCTA, RCTB, RCW, or DOW in → **ADAS** → **Safety Assist** or by pressing the BSD switch.

- When the blind spot assist system is disabled, no relevant indicators are displayed on the instrument 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 on the cluster.
- When the blind spot assist system is active, is displayed on the cluster, meaning that the function has been activated and can trigger alarms at any time.

Precautions

- While the BSD system provides assistance in monitoring blind spots of rearview mirrors, it cannot replace the driver's observation and judgment. The driver must keep control of vehicle at all times and drive properly and is fully responsible for the vehicle.
- The BSD system may be unable to provide adequate warning on target vehicles approaching from behind at a high speed.
- The driver should ensure the normal operation of the BSD system, keeping the BSD radar sensors in good condition. For example, if they are covered in dirt, snow or other obstructions, they need to be cleared right away
- If unrelated targets at the rear side or in the rear (such as large roadside barriers used during road repair, large billboards by the road, reflectors in tunnels, or other objects with a large reflection cross-sectional area) are

wrongly selected as target vehicles, the BSD system will give an alert.

- Detection may be affected or delayed in some environments. If the radar cross section of the target vehicle is too small (a bicycle, electric moped or pedestrian, for example), the system may fail to identify targets, leading to false alarms. In addition, detection may also be affected or delayed by noise or electromagnetic interference.
- RCTB activation scenario:
  - A pedestrian is crossing behind the vehicle when it is reversing at a low speed.

System Limitations

- The activation of the RCTB system depends on various factors such as the environment, the state of the vehicle and the target. There is no guarantee that the emergency braking can always be activated in every scenario.
- Under some circumstances, it is difficult for the system to assist the driver, and detection may be affected or delayed. Possible circumstances include, but are not limited to:
  - The vehicle coming from behind changes the lane suddenly.
  - Vehicles coming from behind are detected too late at sharp turns, slopes, or other settings.
  - The target vehicle is obscured.
  - Vehicles come from behind at a relative speed above 80 km/h.
  - The vehicle is on a curve which is too sharp, or is entering or exiting a curve.
  - The vehicle is running under severe weather, such as rain or 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.
- Vibration or collision influence on sensor calibration of BSD's rear corner mmWave radars can degrade system performance. If this is detected, contact a BYD authorized dealer or service provider.

WARNING

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

Head-up Display (HUD)

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

How to Use

- To enable or disable HUD, go to infotainment touchscreen → **Vehicle** → **HUD**. 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 the previous settings when the vehicle restarts.

- Height Adjusting: adjust the height of HUD virtual image in between -10 and 10. A total of 21 values are available, and the default value is 0.
- Brightness Adjusting: adjust the height of HUD virtual image in between 1 and 11. A total of 11 values are available, and the default value is 6.
- Whirling Adjusting: adjust the angle of HUD virtual image. A total of 11 values are available, and the default value is 0°.
- Mode Setting: select **Classic** (default setting) or **Snow** mode according to the service environment of the vehicle.
- Settings optional for display: safe driving assistance or navigation. They are enabled by default.

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.

CAUTION

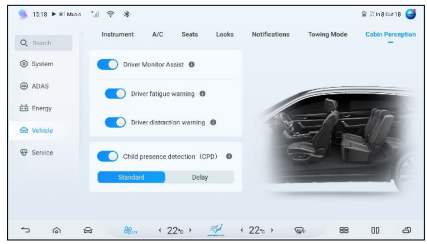
- No water or other liquid is allowed to flow into the opening of the head-up display.

Driver Monitoring Assistance

Driver monitoring assistance, including fatigue and distraction warning, is designed to monitor and assess the driving status by taking photos of the cabin with a camera. The photos will not be saved or uploaded to the server. Instead, they will be deleted immediately after the judgement is complete. Based on the assessment results, the system gives a visual or audible alert to the driver in a timely manner.

How to Use

- The camera for driver monitoring assistance is mounted on the A-pillar of the driver's side. Make sure the slide cover is open and the camera is unobstructed before use. If the camera is obstructed, no valid photos can be taken although the camera is still operational. Therefore, the function fails to work properly.
- Enable or disable this function in → **Vehicle** → **Cabin Perception** with the ignition switched on. The system is enabled by factory default and is on when the vehicle restarts.



Driver fatigue warning

- With the vehicle speed meeting the system activation condition, driver fatigue warning enabled and the camera unobstructed, when the system detects signs of fatigue, such as closing eyes, blinking and yawning, it alerts the driver promptly through a visual warning on the instrument cluster, or through intelligent voice or an audible alarm.

Driver distraction warning

- With the vehicle speed meeting the system activation condition, driver distraction warning enabled and the camera unobstructed, when the system detects signs of distraction, such as looking at the left side mirror, the phone or the infotainment touchscreen, it alerts the driver promptly through a visual warning on the instrument cluster, or through intelligent voice or an audible alarm.

REMINDER

- It is recommended to wipe the camera lens with a clean and soft cotton cloth to avoid scratches on the lens.

Precautions

- The driver monitoring system is only an auxiliary system and is not capable of effective recognition and alarm-raising in all situations. It cannot 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.
- The proper functioning and accuracy of the driver monitoring assistance can be affected by a number of situations, including but not limited to:
  - Driver monitoring assistance is disabled.
  - The camera is obstructed or the slide cover is not fully open.
  - The camera is directly exposed to strong light.
  - Part of the driver's face is exposed to light or the complete facial features are hard to recognize.
  - The driver wears infrared-blocking glasses.
  - The driver wears a mask or something that covers the mouth.
  - The driver is not properly seated or the driver's face is in the blind spot of the camera.

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

Access this function in → **Vehicle** → **Cabin Perception**. Three options are provided: **Standard**, **Delay**, and **Off**.

- By default, the system is in standard mode (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.
- Tap the exclamation mark for more details.

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.

CAUTION

- 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.

Tire Pressure Monitoring

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

Tire pressure system alarm

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

- When the system is running, if a fault occurs, the tire pressure fault warning light is solid on after flashing, and the message "No Signal" or "Please check the TPMS" is displayed on the instrument cluster. In that case, check the tire pressure monitoring module, and check for any surrounding electromagnetic source nearby. If the alarm persists for a long time, please contact a BYD authorized dealer or service provider.

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.

CAUTION

- The running time of the tire pressure monitoring module is related to the daily travel distance and other factors.

CAUTION

- The tire pressure monitoring module regularly transmits tire pressure and other information to the display. Therefore, if the tire pressure drops suddenly or there is a flat tire, the monitoring module will not transmit data to the display until the next monitoring. In this case, the vehicle may be out of control. If there is a flat tire and monitoring fails to inform, or if you feel that there is some tire problems, stop driving immediately instead of waiting for the display to signal an alarm.
- If the tire pressure monitoring module is installed incorrectly, it will affect the air tightness of the tire. It is recommended that the installation and replacement of the pressure monitoring module be carried out by professional technicians of a BYD authorized dealer or service provider in accordance with the requirements of the installation manual.
- Since tire pressure varies with regional temperatures, inflate or deflate the tires according to the values displayed on the instrument cluster and the standard tire pressure values.
- If the vehicle is equipped with non-BYD approved electrical accessories, the tire pressure monitoring system may be disturbed, do not misunderstand the disturbance as a tire pressure system failure.
- When replacing wheel rims or spare tires* or performing tire rotations, the tire pressure system needs to be matched again.

CAUTION

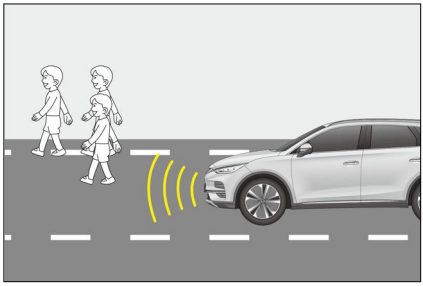
Please go to a BYD authorized dealer or service provider to re-match the tire pressure.

Acoustic Vehicle Alerting System (AVAS)

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

System Function

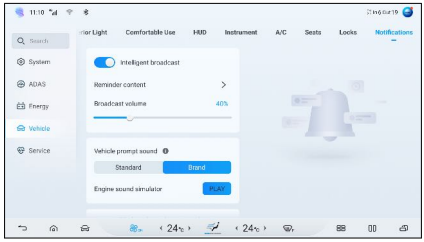
- When driving forward:
  - The broadcast volume increases with vehicle speed in the range of 0 km/h<V≤20 km/h.



- The broadcast volume decreases with vehicle speed in the range of 20 km/h<V≤30 km/h.
- At speeds above 30 km/h, the broadcast sound stops automatically.
- The vehicle makes a continuous and balanced prompt sound when moving in reverse.

How to Use

- The system is enabled by factory default. AVAS has two sound sources: standard and brand. To choose a sound source, go to → **Vehicle** → **Notifications**.
- After a sound source is chosen, tap **PLAY** to get an acoustic impression. The sound is played for five seconds at each tap.



WARNING

- 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

With the ignition switched on, tap **Panoramic View** on the infotainment system homepage or press the button on the steering wheel to access the panoramic view.

- Landscape mode:
  - Tap the front, rear, right, or left area of the vehicle icon on the left. View of the selected area is displayed in the image section on the right.

- In the single front and rear views, double-tap the image section to switch to a 180° perspective displayed in full screen.
- Tap the radar icon in the panoramic view to enable the radar display, and tap it again to disable it. When the radar display is enabled, a warning is displayed as the vehicle is approaching an obstacle.
- Portrait mode:
  - Tap any two of the front, rear, right, and left areas of the vehicle icon in the lower left section. Views of the two selected areas are displayed in the upper and lower right image section.
- Slowly tap the vehicle image on the right to switch between transparent and non-transparent vehicle images.
- After the vehicle starts, the image before last power-off is displayed on the transparent panoramic view screen. Foreign bodies shown may be inconsistent with the actual ones in the underbody and surrounding blind areas. The underbody image update will begin only after the vehicle has started to run and will be complete when the vehicle has been driven beyond its length.

WARNING

- The panoramic view system is only to be used for parking/driving assistance. It is not safe to rely solely on this system to park or drive the vehicle, because there are some blind spots in front of and behind the vehicle. The surroundings of the vehicle should be observed in other ways during the parking/driving process, so as to avoid accidents.
- When the side mirrors are not extended in place, do not use the panoramic view system; and when the panoramic view system is used for parking/driving, ensure that all the car doors are closed.
- Cameras are installed above the front grille, the lower parts of the side mirrors, and the rear license plate. Make sure the cameras are unobstructed.
- Protect the cameras from any impact to prevent damage or malfunction.

CAUTION

- This system uses wide-angle fisheye cameras, so the object on the display screen may appear somewhat deformed in

CAUTION

comparison with the actual object.

- The distance to an object displayed on the panoramic view screen may be different from the distance perceived subjectively, especially when the object is closer to the vehicle. Assess the distance in various ways.
- To prevent affecting camera performance, avoid spraying directly on the cameras when washing the vehicle body with high-pressure water. Wipe any water or dust off the camera in time.
- After the vehicle is powered on, if you press the panoramic view start button or shift into reverse while the infotainment system is not fully activated, the output on the panoramic view screen will be delayed or the screen will flash. This is a normal part of the camera power-on process.
- When the vehicle runs at a low speed, the transparent panoramic view function is affected by speed fluctuation or multiple stops, so there will be misalignment between the images below the vehicle and that outside the vehicle.
- The brightness of the reversing image can be varied depending on the touchscreen brightness. Adjust the brightness as you desire.

Parking Assist System

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

CAUTION

- 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.
- To prevent sensor malfunction, do not wash the sensor area with water or steam.

Parking Radar Switch

- Turn the parking radar system on or off with the parking radar switch or on infotainment touchscreen → **ADAS** → **Parking Assist**.
- When the ignition is switched on and EPB is released, the parking assist system is enabled automatically.
- When enabled, the system raises an alarm if obstacles are found surrounding the vehicle; when disabled, it does not.

Sensor Type

- When the sensor detects an obstacle, an image is displayed on the infotainment touchscreen according to the location of the obstacle and its distance from the vehicle.
- When the driver conducts parallel parking or reverse parking, the sensor measures the distance between the vehicle and the obstacle and communicates this information through the infotainment touchscreen and the speaker. Be aware of the surroundings when using this system.

① Front right corner sensor

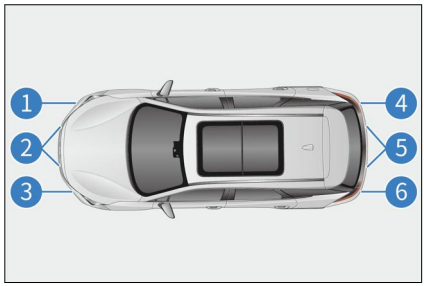
② Front left and right middle sensors

③ Front left corner sensor

④ Rear right corner sensor

⑤ Rear left and right middle sensors

⑥ Rear left corner sensor



Distance Display and Speaker

When the sensor detects an obstacle, the location of the obstacle and its approximate distance from the vehicle are displayed on the infotainment touchscreen, and the speaker beeps.

Working example of center sensors

Approximate Distance (mm)	Touchscreen Display Example	Alarm Sound
About 700 to 1,200		Slow honk
About 300 to 700		Sharp honk
About 0 to 300		Continuous

Working example of corner sensors

Approximate Distance (mm)	Touchscreen Display Example	Alarm Sound
About 300 to 600		Sharp honk

Approximate Distance (mm)	Touchscreen Display Example	Alarm Sound
About 0 to 300		Continuous

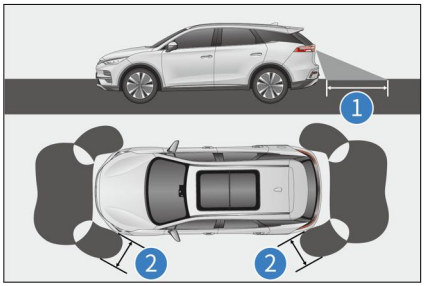
Working Sensors and Detection Range

All sensors are activated upon reversing.

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

① About 1,200 mm

② About 600 mm



Error message

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

REMINDER

- 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 error message.

Sensor Detection Information

- Certain vehicle conditions and surroundings may affect the sensors' ability to accurately detect obstacles. Detection accuracy may be affected if:
  - There is dirt, water or fog on the sensor.
  - There is snow or frost on the sensor.
  - The sensor is masked in any way.
  - The vehicle leans significantly to one side or is overloaded.

- The vehicle is moving on particularly bumpy roads, slopes, gravel or grass.
- The sensor has been repainted.
- The vicinity is noisy due to honking of vehicles, motorcycle engines, air brakes of large vehicles, or other noises that produce ultrasonic waves.
- There's another vehicle with parking assist system nearby.
- The vehicle is fitted with a tow eye.
- The bumper or the sensor was hit hard.
- The vehicle is approaching a high or zigzag curb.
- The vehicle is driving in the sun or in the cold.
- The vehicle is fitted with non-original, lower suspension.

- Except as described above, sensors may not be able to correctly determine the actual distance due to the shape of the object.
- The shape and material of obstacles may prevent sensors from detecting them, especially the following:
  - Electric wires, fences, and ropes
  - Cotton, snow, and other materials that absorb radio waves
  - Any object with sharp edges and corners
  - Low obstacles
  - High obstacles facing outwards towards the vehicle
  - Any object under the bumper
  - Any object close to the vehicle
  - Persons near the vehicle (depending on the type of clothing)
- If an image is displayed on the infotainment screen* or there is a beep, it may be that the sensor detects an obstacle or is interfered. If the issue persists, go to a BYD authorized dealer or service provider for inspection.

CAUTION

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

Driving Safety Systems

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

Intelligent Power Braking System

- The intelligent power braking system is an advanced decoupled electro-hydraulic brake system, incorporating vacuum booster, electronic vacuum pump, Antilock Braking System(ABS)/ electronic stability controller (ESC) system and other features.
- The system assists vehicle braking according to the driver's demands. It offers advanced control functions such as anti-lock braking system (ABS), electronic brake force distribution (EBD), traction control system (TCS), vehicle dynamic control (VDC), comfort parking (CST), hill-start hold control (HHC), hydraulic brake assist (HBA) and controlled deceleration parking brake (CDP) to improve vehicle stability and comfort, and the recovery efficiency of brake energy.

VDC

When the vehicle turns suddenly while running, the VDC system determines

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 the drive wheels from skidding during acceleration by reducing the motor power, and, when necessary, applies braking forces to prevent drive wheels from spinning. It makes it easy for the vehicle to start, accelerate, and climb under adverse driving conditions.

WARNING

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

HHC

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

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

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

Hill Descent Control(HDC)

- Working principle: HDC is a value-added function of the ESC system to improve vehicle comfort. You can enable or disable HDC on the infotainment touchscreen → **ADAS** → **Safety Assist**. The main function of HDC 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 speed is below 38 km/h, you can also enable HDC by pressing the HDC switch. When the function is enabled, its status indicator on the instrument cluster is steady on.
- HDC speed control:
  - HDC works at speeds between 11 and 38 km/h, within which you can adjust the speed by pressing/releasing the accelerator or brake pedal. The vehicle speed is set when the accelerator or brake pedal is released. The HDC status indicator flashes to indicate that the HDC is working.
- Deactivate HDC:
  - Press the HDC switch again to disable the function, and the indicator turns off.
  - HDC also automatically stops when the speed exceeds about 65 km/h.
- HDC malfunction:

- In some special conditions, such as at a long stretch of downhill, the HDC function may be temporarily unavailable due to high brake temperature.
- A "Please check HDC system" message is displayed for safety. To restore the function, stop the vehicle until the brake temperature cools down.

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

- Brake assist mode
  - The brake assist mode is used to adjust the brake pedal feel. The relation curve between the brake pedal depth and the vehicle deceleration varies across different modes for the driver to choose their preferred pedal feel.
  - You can select **Comfort** or **Sport** on infotainment touchscreen → **Vehicle** → **Intelligent Chassis** → **Brake assist mode**.
- Comfort parking
  - Comfort parking: When the vehicle decelerates to stop in a non-emergency situation, the intelligent power braking system reduces the stop-instant suspension pitch and impact by controlling the brake pressure of the four brakes, providing a smooth stop feeling for the driver.
  - Go to the infotainment touchscreen → **Vehicle** → **Intelligent Chassis** to enable or disable comfort parking.
  - After the function is triggered, the braking distance may increase by 2-5 cm. Increase the distance from the vehicle or obstacle ahead accordingly before stopping your vehicle.
- Brake disc wiping
  - Brake disc wiping function: When the wiper switch is on or the rain sensor detects rain, the integrated brake control system applies a small brake pressure to all four brakes so that pads come into contact with discs to remove the water film from the discs. This shortens brake response time and braking distance.
  - As long as the system detects rain or the wiper ON signal, the brake discs are repeatedly wiped at certain intervals to improve safety.

ESC 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 power output from the motor to the wheels. In this case, you may need to turn off the system to get out of the jam.
- Turning off ESC
  - To turn off ESC, press and release the ESC OFF button. In addition, ESC checks its working status in real time. If ESC OFF switch is pressed while ESC system is working, the system will complete the active intervention control rather than executes the "shutdown" command immediately. ESC is disabled only after the intervention control is complete.
  - Some ESC functions may be re-enabled if you press the ESC OFF switch again or the vehicle speed exceeds the threshold (80 km/h). In order to prevent ESC from being turned off suddenly, ESC can be activated again only when it is not in a vehicle dynamic intervention state.

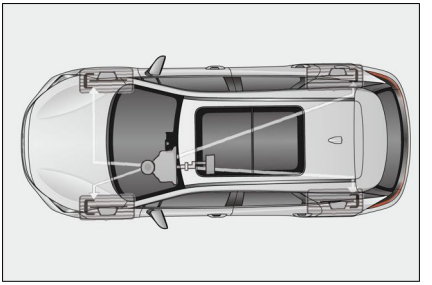
- ESC OFF switch mis-operation*
  - ESC is considered to be mis-operated if the ESC OFF switch* is pressed and held for more than 10 seconds. In that case, all internal ESC functions continue to work.
- Restarting ESC system
  - When the ESC system has been turned off, restarting the vehicle will automatically restart ESC system.
- ESC system start and speed linkage
  - Although already turned off, the ESC system can start on its own if the vehicle becomes extremely unstable as the speed increases and exceeds the threshold of 80 km/h.
- When ESC system is activated
  - If the ESC fault indicator flashes, drive with caution.
- 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.
- Replacing tires
  - Make sure all tires are of the same size, brand, tread pattern, and total load. In addition, be sure to inflate tires to the recommended pressure.
  - Neither ABS nor ESC 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 braking (MCB)

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

Anti-lock Braking System

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



- When the ABS is working, the ESC indicator will flash and the brake pedal will vibrate, which may produce noise. This is because the ABS is pulsating the brake quickly, which is normal. In this situation, you should press and hold the brake pedal instead of pumping the brakes. This allows ABS to function as designed. While steering away from danger, a firm and steady pressure should always be maintained on the brake pedal for the ABS to work.

WARNING

- ABS cannot work effectively under the following conditions:
  - Tires with inadequate grip are used (for example, excessively worn tires 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 slippery, muddy, sandy or snowy roads.
  - Driving on roads with multiple potholes or on uneven roads.
  - Bumpy roads.

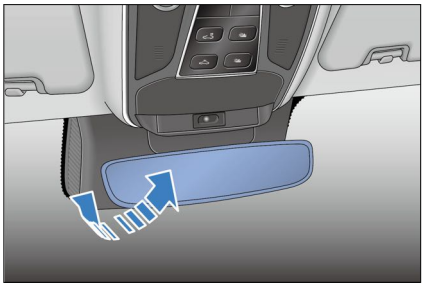
CAUTION

- 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 does not reduce the time and distance required to stop the vehicle. This device only helps you control steering when braking. Please always keep a safe distance from other vehicles.
- ABS does not prevent decrease in stability. 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.
- 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.
- When driving on wet or soft or uneven roads (such as waterlogged concrete roads, waterlogged epoxy painted roads, sandy roads, snowy roads), vehicles equipped with ABS may require longer braking distances than vehicles without ABS. In such cases, reduce the vehicle speed and keep a greater distance from other vehicles.

Other Main Functions

Interior Rearview Mirror

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



WARNING

- Do not hang heavy objects from the interior rearview mirror, or shake or drag it with force.
- When manually adjusting the interior rearview mirror, do not forcibly adjust the stuck mirror to avoid the mirror falling off.
- Do not adjust the rear view mirror while the vehicle is in motion, as it may distract the driver's attention.

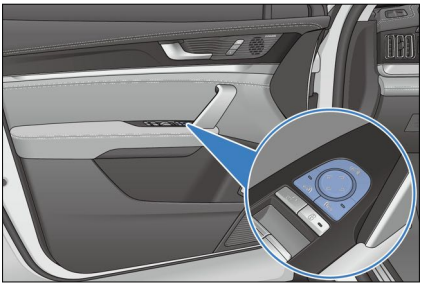
Automatic Anti-glare Interior Rearview Mirror

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

Power Side Mirrors

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

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

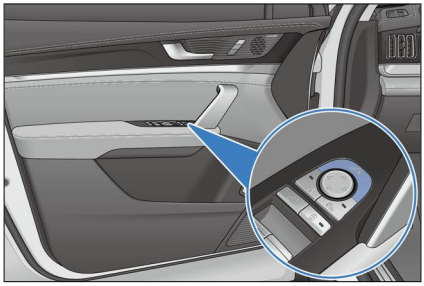


- Control switch : used to adjust the side mirror positions. Press the switch indicating the desired direction.

Folding Side Mirrors

Folding side mirrors with power

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



Side mirror reversing assist

The side mirrors automatically flip down a certain degree while reversing to provide the driver with a better view.

Side Mirror Defrosters

Tap this button, and the heating panel in side mirrors will quickly clear the side mirrors.

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

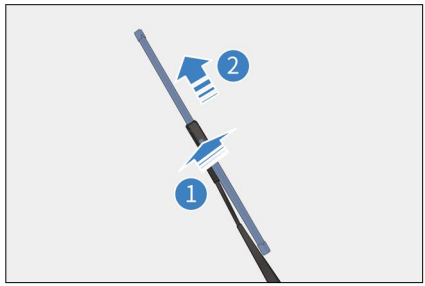
Inspect front/rear wiper blades for cracks or partial hardening at least every six months. If these findings are noted, wiper blades should be replaced. Otherwise, the windshield will streak or will be left unclean after wiping.

Replacing Wiper Blades

With the ignition on, turn on the wiper service function on infotainment touchscreen → **Service** → **Overhaul**. When the corresponding wiper service is enabled, the wipers rotate out automatically for easy maintenance and replacement.

Replacing front wiper

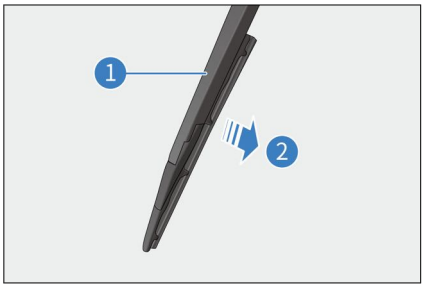
1. Pull up the wiper arm at the driver side, and then pull up the other at the passenger side.
2. Press the wiper lock button ①.
3. Hold the wiper blade and pull it out along the indicated direction ②;
4. When installing a new wiper blade, follow the reverse procedure.



Replacing Rear Wipers

1. Pull up the wiper arm;
2. Hold the wiper in position ①, and pull the blade out vertically along the indicated direction ②.

3. When installing a new wiper blade, follow the reverse procedure.



CAUTION

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

Snow Chains

- Snow chains are only for emergencies or areas where they are permitted by laws.
- Snow chains should be installed on front wheels (rear wheels for 4WD*). Be careful when driving the vehicle installed with snow chains on snow-covered roads. Use thin snow chains. Some snow chains may damage tires, wheels, suspensions, and the vehicle body. The recommended snow chains are no larger than 10 mm in thickness or diameter, which provides enough space between tires and other parts in the hubcap.
- Read the component assembly drawings and other instructions provided by the snow chain manufacturer carefully.
- Before purchasing and installing snow chains, consult a BYD authorized dealer or service provider where your vehicle was purchased.
- After snow chains are installed, be sure to travel at a speed below 30 km/h on snow-covered roads.
- In order to minimize wear of tires and snow chains, do not travel with snow chains on roads without snow.

REMINDER

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

05 IN-VEHICLE DEVICES

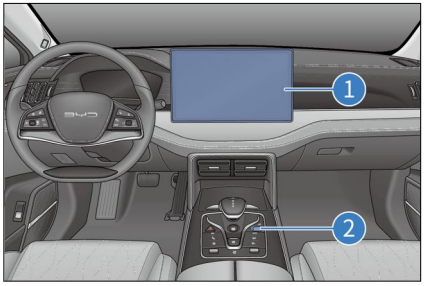
Infotainment System

Infotainment Touchscreen

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

① Infotainment touchscreen

② Scroll button



- When the infotainment system is already started, press the button to turn audio off, press a second time to turn audio on. Press and hold the button for three seconds to restart the infotainment system.
- Scroll up to turn volume up or down to turn volume down. Volume ranges from 0 to 39. A mute icon is displayed when volume is 0.

Reset to factory settings

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

WARNING

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

CAUTION

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

Navigation Bar

: returns to the previous page or exits the program.

: returns to the homepage.

: goes to vehicle setting screen.

: splits screen if applications support.

: enables screen saver.

: shows recently opened applications.

: switches between landscape and portrait touchscreen modes.

Gestures and Responses

Gestures and associated system responses are:

- Tapping: opens applications, selects functions, clicks icons on the touchscreen, or types characters.
- Dragging: touching and dragging an icon, thumbnail, or preview to the target position to change its location.
- Swiping: operational on homepage and app screens.
- Double-tapping: zooms in or out an image.
- Spreading/pinching: zooms in or out an image with two fingers.
- Swiping down from the top of the touchscreen: open the shortcut menu.
- Swiping up from the bottom of the touchscreen: open the management center.

BYD Assistant

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

- Waking up BYD Assistant:
  - On the steering wheel, press the button.
  - On the infotainment touchscreen, tap .
  - Say the wake-up word: "Hi, BYD."
- Your voice commands can be recognized after system wake-up.
- Give any instructions.
  - This may be "Go home" (shortcut locations set), "Play music", "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 then performs the recognized instruction.

Bluetooth Call

Connection

1. On Bluetooth Call screen, tap **Please connect Bluetooth** to establish connection.
2. Tap **Scan for devices** to search for available device.
3. Pair the available device, and make sure the paring code displayed on your phone is consistent with the code on the touchscreen.
4. Set Bluetooth when connection is complete.

Bluetooth Call

Go to the dialing screen when Bluetooth is connected.

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

File Management

New folder

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

Search

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

Cut/Copy

- Touch and hold any file, select target files and operation (copy, move or delete), and then go to the edit status.

Rename

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

Delete

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

Sort

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

Attributes

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

A/C System

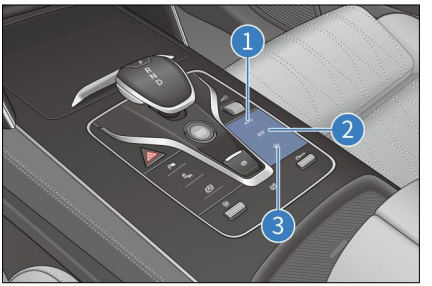
A/C Buttons

Front Row A/C Buttons

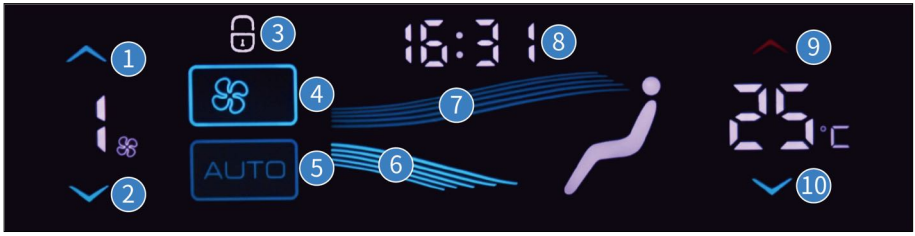
① AUTO

② A/C ON/OFF

③ Front windshield defroster



Rear Row A/C Buttons



1	Fan speed +	6	Foot-level vent
2	Fan speed -	7	Face-level vent
3	Rear button lock	8	Time
4	A/C ON/OFF	9	A/C temperature +
5	Auto mode	10	A/C temperature -

A/C Operation Interface

Front A/C Operation Interface

1	Front A/C controls	11	Air distribution
2	Rear A/C controls	12	Anion

3 A/C ON/OFF

4 Auto mode

5 Cooling

6 Max cooling

7 Front windshield defroster

8 Defroster for rear windshield & side mirrors

9 Circulation mode

10 Ventilator

13 Front passenger's temperature control

14 Fan speed control

15 Independent control

16 Driver's temperature control

17 A/C setting

18 Air purification

19 Vent/Heating

20 A/C operation interface

Rear A/C Operation Interface

1 Rear A/C controls

2 A/C ON/OFF

3 Auto mode

4 Rear button lock

5 Air distribution

6 A/C temperature control

7 Fan speed control

Function Definitions

Auto mode

- After tapping this button, its indicator lights up on the front A/C panel, and compressor status, fan speed and air distribution can be adjusted automatically.

- The vehicle exits auto control if fan speed or air distribution is set, and other functions remain in auto mode except for those that have been operated.

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.

Max cooling

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

A/C button

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

Circulation mode

- Tap this button.  is displayed, and the circulation mode is recirculation.
- Tap this button for the second time.  is displayed, and the air inlet mode is fresh air mode.

REMINDER

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

Ventilator

- Tap this button to activate A/C ventilation control. The outlet air is natural air, and the fan speed is 1 by default without cooling or heating function.
- Tap this button again to exit.

Temperature controls

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

Front windshield defroster

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

Rear defroster

- Tap this button to heat up and defrost the rear windshield and side mirrors. It will be automatically disabled after 15 minutes if there are no other commands.
- Tap this button a second time to disable the function.
- This function is not for drying raindrops or melting snow.

WARNING

- Do not touch the side mirrors or the rear windshield when the rear defroster is activated, because their surfaces are hot.

CAUTION

- When cleaning the inside of the rear windshield, take care not to scratch or damage electric heating wires or junctions.
- When the ignition is off, be sure to turn off the defroster switch to prevent the low-voltage battery from discharging.
- Press the A/C button to heat the vehicle with the heat pump.

Fan speed control

- Fan speed control on the front/rear A/C interface
  - Tap the chosen position. The more bars illuminated, the faster the fan speed.
  - Tap to set fan speed to level 1, and tap to set to level 7.
- Fan speed adjustment on rear A/C panel
  - Tap the up or down arrow to increase or decrease the fan speed.

Independent control

- Tap this button to activate the individual mode for the driver's and front passenger's temperature settings.
- Tap this button to switch from individual mode to relative mode.
  - Individual Mode: The temperature of the driver's side and front passenger's side can be set separately.
  - Relative Mode: Adjust the driver side and front passenger side set temperature at the same time by the driver side temperature control.
- When the front passenger's temperature control is operated in relative mode, the A/C system will automatically switch to individual mode.

Anion

- Tap this button to activate the anion generator.
- Tap a second time to deactivate it.

Rear A/C Auto mode

- Tap this button to automatically adjust the rear A/C fan speed and air distribution, and the indicator (on the infotainment touchscreen) lights up. (The front AC needs to be on during cooling)
- The vehicle exits auto control if fan speed or air distribution is set, and other functions remain in auto mode except for those that have been operated.

Rear button lock

- Tap "Rear Lock" on the touchscreen to lock the rear A/C panel buttons.
- Tap again to unlock the rear A/C panel buttons.

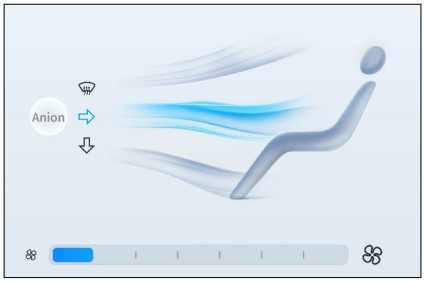
Air distribution

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

: Air flows to the face level.

: Air flows to the foot level.

: Air flows to the front windshield and side windows.



Intelligent A/C ON Method

Remote A/C ON with intelligent key

- You can turn on the A/C through the remote control key to gain a comfortable interior environment in advance.

Turning on A/C by voice

- Control the A/C settings by the voice button on the steering wheel or by saying "Hi, BYD".

Usage Precautions

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

REMINDER

- A/C odor:
  - It is normal that there may be a damp and moldy smell just after the A/C is turned on. During

REMINDER

operation, A/C condensation often remain 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 odors by long-term fermentation.

- How to prevent A/C odors:
  - Turn off the A/C and ventilate with natural air before parking to keep the air inside the vehicle relatively dry.
  - Please inspect, clean and replace the air filter regularly.
  - Try to keep the cabin clean and fresh.
- If the odor persists after odor prevention methods are used, it is recommended to contact a BYD authorized dealer or service provider for repair.

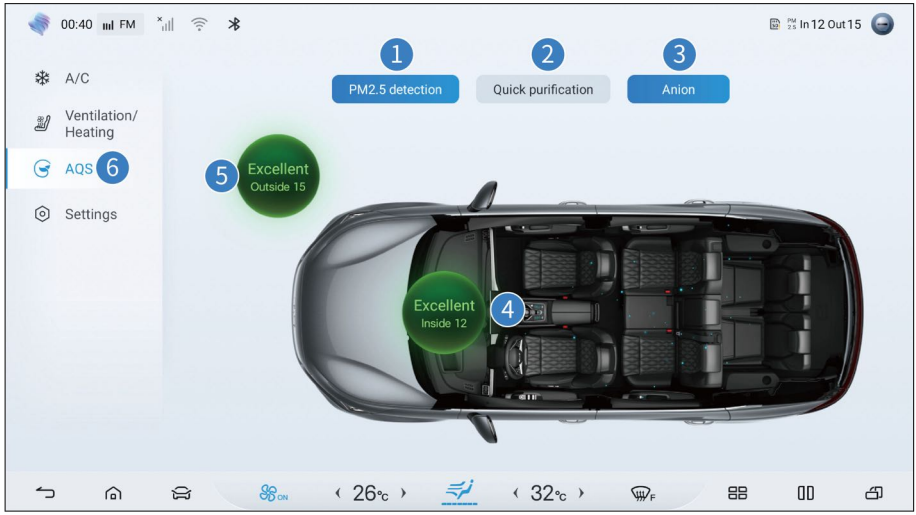
REMINDER

- In order to reduce odors from the A/C, if the A/C is already turned on, the A/C blower may keep running for a while after the vehicle is powered off and locked. That is because the condensed water on the surface of the evaporator needs to be dried to prevent mold fermentation. It is normal for the A/C blower to start running automatically when you lock the vehicle. No need to worry about it.

Air Purification System

The Particulate Matter 2.5 (PM2.5) purifies airborne PM2.5 particles. When A/C is turned on, the system thoroughly removes PM2.5 particles from the air blown into the cabin.

Air Purification Interface



1 PM2.5 detection

2 Quick purification

3 Anion

4 In-vehicle PM2.5 value and level display

5 Outside PM2.5 value and level

6 Air purification

PM2.5 detection

- 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 a second time to turn off air quality detection function.

Quick purification

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

Anion

- Tap this button to activate the anion generator.
- Tap a second time to deactivate it.

Outside PM2.5 value and level

- The area displays the PM2.5 value and level outside the vehicle.

In-vehicle PM2.5 value and level display

- The area 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.

REMINDER

- Reduce the frequency of PM2.5 detection in the following environments:
  - Sandstorms and other such extremely harsh environments;
  - 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

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

① Auto A/C mode

- Two options are available: economical and comfort.

② Remotely controlled air conditioner running time

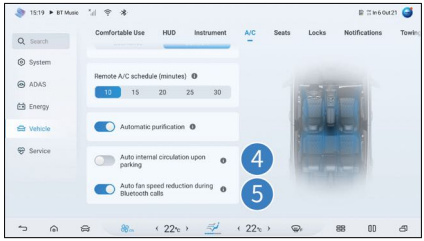
- Tap this button to set the time for remote A/C running.

③ Automatic purification

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

④ Auto air recirculation

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



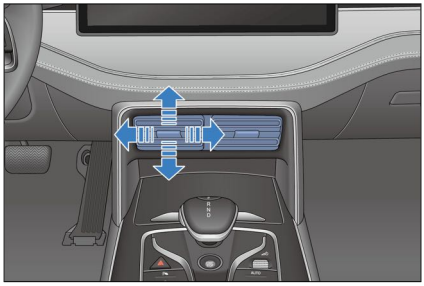
⑤ Fan speed reduction during calls

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

Vents

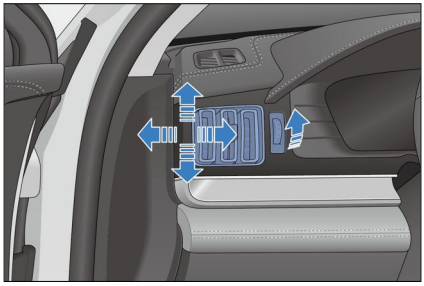
Front Center Vent

- Use the vent stick to adjust the outlet angle.
- Slide the vent stick to the left to close the vent.



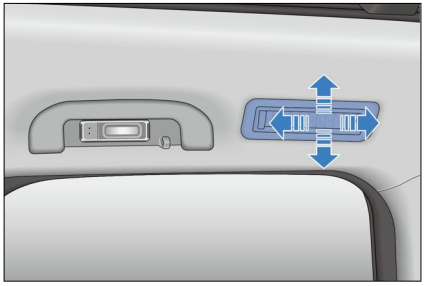
Front Side Vents

- Turn the roller to increase/reduce air flow or to open/close the vent.
- Use the vent stick to adjust the outlet angle.



Roof Vents

- Use the vent stick to adjust the outlet angle or close the vent.



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

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

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

CAUTION

- Provide the email address registered 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 Vehicle Control

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, seat ventilator, 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, see ***P165*** for details.
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

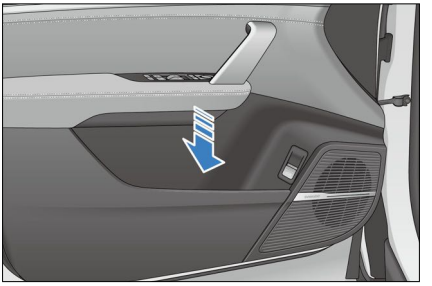
Tap the icon on the upper right corner to go to the individual center.

- **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**: includes privacy policy and information to contact us and give feedback.

Storage

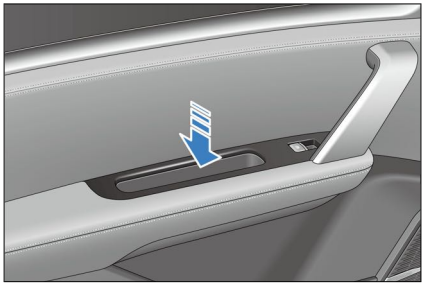
Door Bins

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



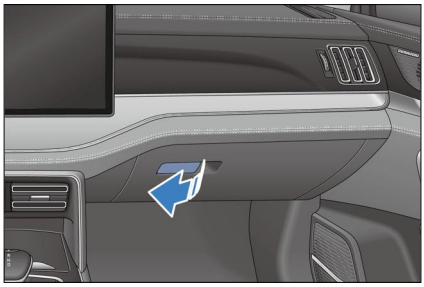
Phone Slot

Every door (driver's door excluded) is equipped with a phone holder for phones or other small items.



Glove Box

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

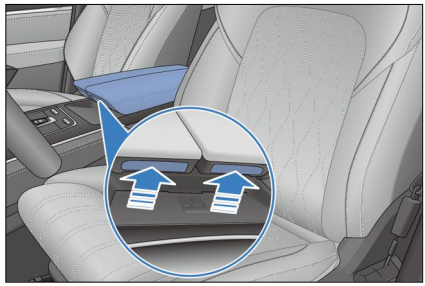


Push-Type Storage Box

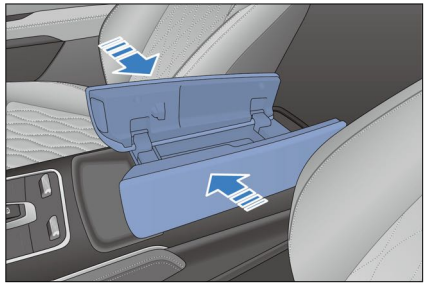
- Slide the push bin cover forward to open the push bin. Open the storage box to store items such as keys or beverages.
- Slide the push bin cover forward. The cover will then automatically slide back and close.

Center Console Cubby

- To open the center console cubby, press the front left and right buttons on the inner side of the cubby to automatically turn covers.



- To close the center console cubby, push the left and right covers inward.



REMINDER

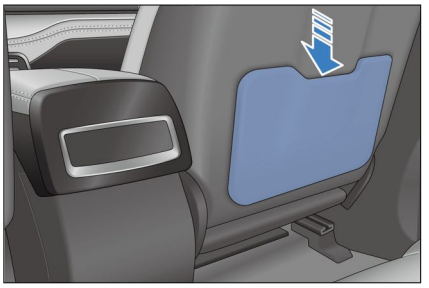
- To reduce risk of injury in the event of an accident or emergency

REMINDER

braking, keep the center console cubby closed while driving.

Seatback Pockets

There are seatback pockets at the back of the front seats for magazines and newspapers. (The seatback pockets on your actual vehicle may differ.)



Glasses Case

Press the lid of the case to open it.

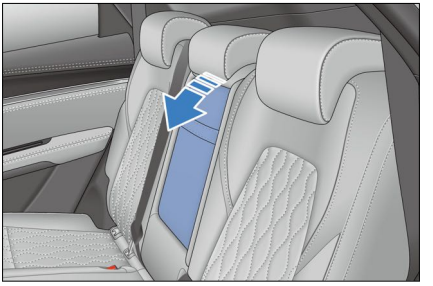
Cup Holder

Front Seat Cup Holder

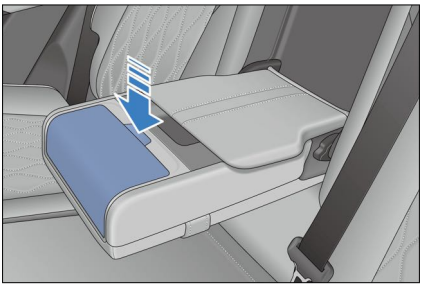
Front seat cup holder is in the push-type storage box in the center console. Slide the cover forward to open the storage box.

Second-Row Seat Cup Holder

1. Flip the seat armrest.

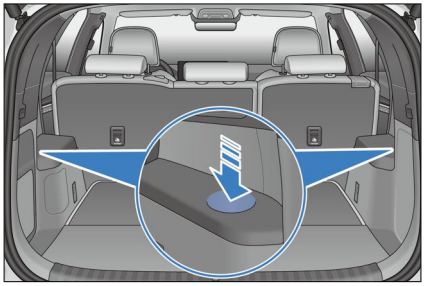


2. Tap the cup holder cover to let it open automatically.



Rear Seat Cup Holder

The rear seat cup holder is located on the left and right sides of the rear seat.



CAUTION

- Do not start or brake the vehicle suddenly when the cup holders are being used to prevent spillage or scalding.
- Do not place an open cup or untightened beverage bottle in the cup holder, so as to avoid liquid spillage while you are driving, opening or closing a door.
- To ensure safe driving, the driver is strictly prohibited from taking the cup out or placing it in the cup holder while driving.

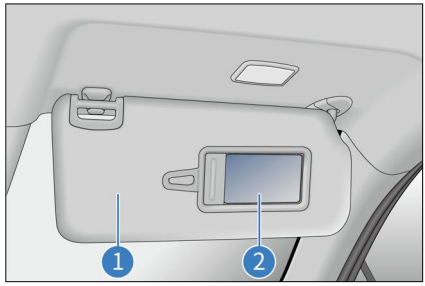
Other Devices

Sun Visors

① Sun visor

- The sun visor is located above the driver seat and front passenger seat. To block sunlight from the front, pull the sun visor down.
- To block sunlight from a side, remove the swivel sleeve from the fixed support and turn the visor towards the side window.

② Vanity mirror



- Vanity mirrors are installed on the driver's and front passenger's sun visors.
- Flip down the sun visor and slide the mirror cover open for use. The light turns on when you slide open the cover.

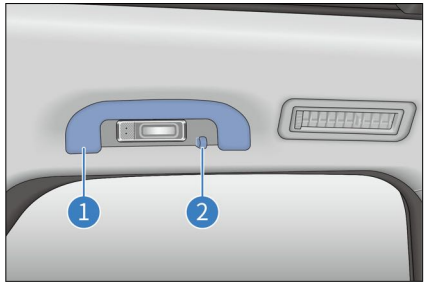
REMINDER

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

Grab Handles

① Grab handles: Pull the grab handle down for use. The handle returns to its original position when released.

② Clothes hooks: The grab handles on both sides of the second-row seats are equipped with clothes hooks.



CAUTION

- Do not hang any heavy objects on the grab handle or the hook to avoid personal injury or damage.
- Please hang clothes directly on the hook. Do not hang other items on the hook (like hangers or sharp objects). These items may injure the occupants when the side curtain airbags deploy, or may prevent such airbags from fully deploying.

USB Ports

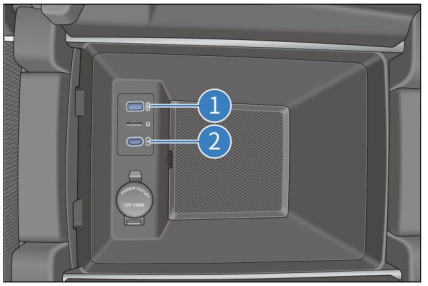
Front-Row USB Ports

There are 2 USB ports in the center console cubby.

① USB data port

② Type-C charge port (charging only)

The power outlet can be used only when the ignition is on.



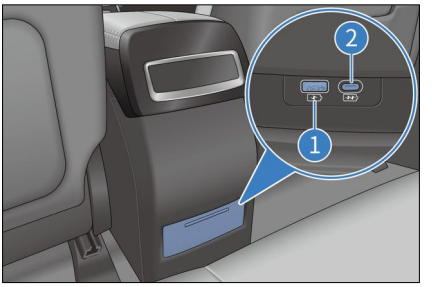
Second-Row USB Ports

The rear USB ports are behind the center console cubby and can be accessed by pressing the cover. These ports are for charging only and cannot be used for access to the infotainment system.

① USB charge port

② Type-C fast-charge port

The power outlet can be used only when the ignition is on.



SD Card Slot

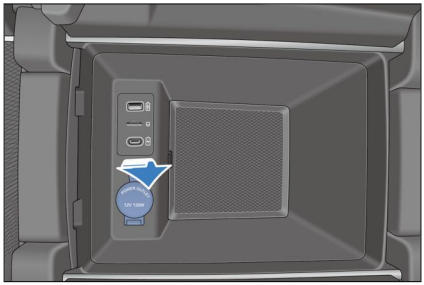
An SD card slot is located in the center console cubby.

On-Board Power Supply

- The standby power supply can be used for accessories with a working current of less than 10 A and electrical power of less than 120 W.
- The 12V auxiliary power supplies power to vehicle accessories.
- The 12V auxiliary power is available only when the ignition is on. Lift the cover to use it.

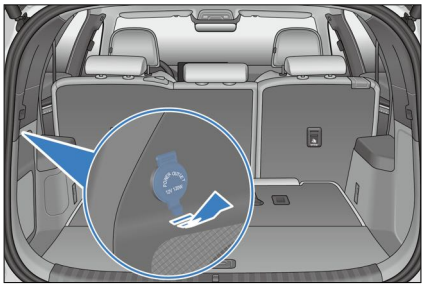
Front 12V Power Outlet

It is located in the center console cubby.



Rear 12V Power Outlet

It is located in the trunk. The position of the power supply on your vehicle may differ.

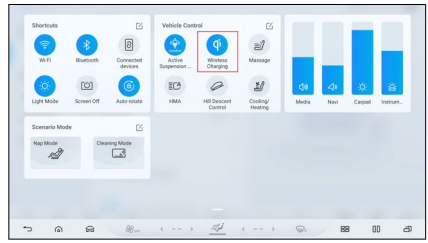


CAUTION

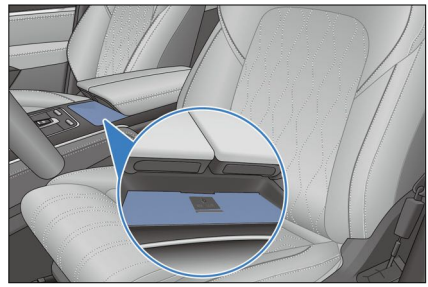
- To prevent fuses from blowing, the power consumption must not exceed 12V/120W of total vehicle load.
- To prevent the low-voltage battery from exhausting its power, do not use the 12V auxiliary power supply for a long time when the ignition is off.
- When the 12V auxiliary power is not in use, close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

Wireless Phone Charger

- The wireless phone charging area is located at the front of the center console cubby. To activate/deactivate wireless charging, tap the wireless charging icon on the shortcut page after sliding down the top status bar on the infotainment touchscreen.



- After starting the vehicle, put the phone on the non-slip rubber pad in the wireless charging area with the phone screen facing up. The phone automatically begins wireless charging, and a charging icon is displayed on the infotainment screen.



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

CAUTION

- Ensure your smart key is more than 25 cm away from the

CAUTION

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 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.
- The center of the phone coil must be aligned with the center of wireless charger (indicated with text in the charging area), or charging may fail.
- Prevent any fluid from coming into contact with the charger

CAUTION

area. The wireless charger will malfunction if water enters the wireless charger via the gap around the rubber mat.

- Charging may stop at high temperatures, and will resume once the temperature drops.
- BYD makes no commitments for problems caused by external wireless charging coils. Please use with caution.
- The wireless phone charger system can charge Qi-certified phones, and non-Qi-certified phones are not guaranteed for normal charging.
- To avoid burning cards with chips, such as NFC cards and bank cards, do not place them between the phone case and the phone during charging.

REMINDER

- Only one phone can be charged at a time.
- A phone case that is too thick may prevent charging.
- On bumpy roads, the wireless phone charging may intermittently stop and then resume.
- Try to ensure that the surface on which a mobile phone is placed is parallel to the charging module. If the phone moves from the wireless charger area and stops charging, move it back.
- If the phone cannot be charged properly, ensure that there are no foreign objects in the wireless

REMINDER

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.
- The setting icon for wireless phone charging can be added or removed on the shortcut page of the infotainment touchscreen.
- The wireless phone charging function is not compatible with all smartphones, and only applies to QI-certified phones.
- For the purpose of compatibility, the in-vehicle wireless fast charging* module may be slower than the original charger provided by your phone's manufacturer.
- The wireless fast charging* power of your phone depends on that supported by the phone, while the in-vehicle fast charging* only supports up to 50 W.
- Certain phones may carry outdated charging programs that are not capable of fast charging*.

06 MAINTENANCE

Maintenance Information

Maintenance Cycle and Items

Maintenance Intervals

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

Item	Interval
Chassis screws	Check and fasten them every 12 months or 20,000 km and replace damaged ones in a timely manner.
Brake pedal and EPB switch	Check them at 12 months or 20,000 km for the first time, and every 24 months or 40,000 km afterwards, or every 12 months or 20,000 km in severe driving conditions.
Brake friction block and disc	Check them every 12 months or 20,000 km.
Brake piping and hoses	Check them at 12 months or 20,000 km for the first time, and every 24 months or 40,000 km afterwards, or every 12 months or 20,000 km in severe driving conditions.
Guide pin of brake caliper assembly	Check it every 24 months or 40,000 km.
Steering wheel and tie rod	Check for it at 12 months or 20,000 km for the first time, and every 24 months or 40,000 km afterwards, or every 12 months or 20,000 km in severe driving conditions.
Drive shaft boot	Check it at 12 months or 20,000 km for the first time, and every 24 months or 40,000 km afterwards, or every 12 months or 20,000 km in severe driving conditions.
Ball pin and boot	Check them at 12 months or 20,000 km for the first time, and every 24 months or 40,000 km afterwards, or every 12 months or 20,000 km in severe driving conditions.
Front and rear suspensions	Check them at 12 months or 20,000 km for the first time, and every 24 months or 40,000 km afterwards, or every 12 months or 20,000 km in severe driving conditions.
Tire condition and inflation pressure, incl. TPMS	Check them every 12 months or 20,000 km and replace damaged parts in a timely manner.

Item	Interval
Front and rear wheel alignment	Check it at 12 months or 20,000 km for the first time, and every 24 months or 40,000 km afterwards, or every 12 months or 20,000 km in severe driving conditions.
Tire rotation (Check tire pressure and condition at least once a month)	Perform it every 10,000 km.
Door brake	Check it every 12 months or 20,000 km. Remove dust from the tie rod with a wet soft cloth, apply 0.3-0.8 g grease to the tie rod, riveted joints, and rotating shaft, and replace damaged parts in a timely manner.
Wheel bearing clearance	Check for it at 12 months or 20,000 km for the first time, and every 24 months or 40,000 km afterwards, or every 12 months or 20,000 km in severe driving conditions.
Coolant level in expansion tank	Check it every 12 months or 20,000 km and replace damaged parts in a timely manner.
Drive motor coolant	Replace the long-acting organic acid coolant every four years or 100,000 km, whichever comes first.
Brake fluid	Check it every 12 months or 20,000 km and replace damaged parts in a timely manner.
Brake fluid	Replace it every two years or 40,000 km.
Vehicle module DTCs (to be cleared after recording)	Check for them every 12 months or 20,000 km and replace damaged parts in a timely manner.
High-voltage battery tray, shield, impact bar, and mount point torque	Check them every 12 months or 20,000 km and replace damaged parts in a timely manner.
Battery pack capacity	Test and calibrate it every six months or 72,000 km.
Gear oil in transmission	Replace it at 24 months or 40,000 km for the first time, and every 24 months or 48,000 km afterwards.
Powertrain leaks or bumps	Check for them every 12 months or 20,000 km and replace damaged parts in a timely manner.
Loose high-voltage wiring harnesses and connectors	Check for them every 12 months or 20,000 km and replace damaged parts in a timely manner.
Deformation of or oil stains on the high-voltage module	Check for them every 12 months or 20,000 km and replace damaged parts in a timely manner.

Item	Interval
Foreign materials on or ablation of charging connector interface	Check for them every 12 months or 20,000 km and replace damaged parts in a timely manner.
Activated carbon HEPA filter*	Check it every 12 months or 20,000 km, whichever comes first, and replace it if necessary. In severe driving conditions, check it every six months and replace it if necessary.
PM2.5 quick tester filter*	Check it every 12 months or 20,000 km, whichever comes first, and replace it if necessary. In severe driving conditions, check it every six months and replace it if necessary.
Lamp and LED lighting	Check it every 12 months or 20,000 km and replace damaged parts in a timely manner.
Headlight dimming	Check it every 12 months or 20,000 km and replace damaged parts in a timely manner.
Initial down tilt of low beam	Calibrate it every 10,000 km.
Foreign materials on or ablation of the EPS GND point	Check for them every 12 months or 20,000 km and replace damaged parts in a timely manner.
EPS connector looseness and connector pin ablation	Check for them every 12 months or 20,000 km and replace damaged parts in a timely manner.
EPS ECU corrosion	Check for it at 12 months or 20,000 km for the first time, and every 24 months or 40,000 km afterwards.
Foreign materials or corrosion on connections between the EPS ECU and motor*	Check for them every 12 months or 20,000 km and replace damaged parts in a timely manner.
Vehicle module software update (update if any)	Check for it every 12 months or 20,000 km and replace damaged parts in a timely manner.
Wading marks on high-voltage parts	Check for them every 12 months or 20,000 km and replace damaged parts in a timely manner.
Lock nut torque of wiper arm	Check for it every 12 months or 20,000 km and replace damaged parts in a timely manner.
Hood lock and fasteners	Check them every 12 months.
Notes: When checking Item 1, replace chassis parts in a timely manner if any abnormal damage is found.	

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

REMINDER

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

- For any of the following severe conditions, maintenance items need to be added according to the maintenance schedule:
  - 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 long-term idle running of the powertrain or short-distance driving in cold weather.
  - Frequent and sudden braking.
  - Frequent use of a towed trailer.
  - Vehicle used as a taxi or for commercial purposes.
  - Driving in congested urban areas at temperatures above 32°C for more than 50% of total travel time.
  - Driving at speeds over 120 km/h at temperatures above 30°C for more than 50% of total travel time.
  - Frequent overloading.
- Specified maintenance records:
  - Try to have the BYD authorized dealer or service provider record all specified maintenance operations, and keep all corresponding receipts.

Regular Maintenance

Regular Maintenance

Vehicle Servicing

- 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:
  - An unusual noise is heard when the motor starts.
  - Coolant remains overheated, is stagnated or leaks.
  - Motor jams and produces unexpected noise.
  - The motor runs with excessive vibration.
  - The motor fails to get started.
  - Electric assembly leaks oil.
  - Electric assembly emits odors.
  - Power declines significantly.
  - Water leaks from under the vehicle (A/C condensate is normal).
  - Tire deflates; tires make excessive noises at turns; tire wear is uneven.
  - Vehicle leads to one side when driving straight on a flat surface.
  - Suspension unit movement leads to unusual noises.

- Loss of braking effect; sponge feeling on the brake pedal or clutch pedal; pedal almost contacts the floor; vehicle leads to one side when braking.
- Motor coolant temperature remains high.
- Battery capacity decreased significantly.
- High battery temperature or overheat protection persists, or there is no power output.

CAUTION

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

Maintenance Plan

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

CAUTION

- Please maintain the vehicle regularly according to the requirements in the Warranty and Maintenance Service Manual of BYD.

Vehicle Corrosion Prevention

The most common causes of vehicle corrosion are:

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

The following rules should be observed to prevent vehicle corrosion:

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

- Check cabin interior.
  - Moisture and dust buildup under the carpet can cause corrosion. Check the undersides of carpets frequently to make sure these areas are dry.
  - Special care should be taken when transporting chemicals, detergents, fertilizers, salt, and other substances, and such substances should be kept in appropriate containers for transportation. If spillage or leakage is found, clean immediately and keep dry.
- Use fenders.
  - Fenders can protect vehicles in saline areas or on gravel roads. The bigger and closer to the ground the fender, the better.
- Park in a well-ventilated and dry area.

Paint Maintenance Tips

- Clean the vehicle in time.
- Do not perform secondary painting if there is no obvious scratches on the finish, so as to prevent mismatch or color incompatibility.
- When the vehicle is not used for a long period, it should be parked in a garage or a well-ventilated place, and special body cover should be used in winter. Choose a shady place for parking temporarily.
- Prevent strong impacts, knocks, or scratches on the paint. If the paint is scratched, dented or if it peels, it should be repaired in time, preferably by professional auto beauty provider.
- 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.
- The vehicle must be waxed once a month or whenever water resistance performance of the vehicle degrades and be taken to an auto beauty provider for maintenance once every three months.
- High quality polish and wax must be used. If body finish is severely weathered, use a car cleaning polish in addition to the wax. Carefully follow the manufacturer's instructions and precautions. Chrome finish should be polished and waxed as well as painted finish.

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.

Manual Vehicle Washing

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

- Hose off loose dirt, including all muds or road salts at the bottom of the vehicle and on wheel pits.
- Wash the vehicle with neutral agents, the mixing of which should be carried out according to the manufacturer's instructions. Soak a soft cloth with cleaning solution and gently wipe it down along the direction of the water flow. Do not wipe in a circular motion or horizontally.
- Rinse well—Dried washing agent forms markings. After washing the vehicle in hot weather, rinse all parts properly.
- Dry the vehicle with a clean soft towel to prevent stay water marks. In order to prevent scratching, do not rub or apply excessive force on the paint.

CAUTION

- Do not use any alkaline washing powder, soapy water, detergents, de-waxing detergents or volatile substance (gasoline, kerosene, or solvent).
- 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.
- Do not use abrasive cleaning agents to scrub the bumper.
- Clean polished metal parts with carbon cleaner and wax them regularly for protection.
- Be careful when cleaning the chassis to avoid cutting hands.

Automatic Vehicle Washing

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

Interior Cleaning

REMINDER

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

Carpet

- Clean carpets with a good foam detergent.
- Use a vacuum cleaner to remove as much dust as possible. Several types of foam detergents can be used. Some are in spray cans, and the others are powders or liquids, which produce foam when mixed with water. Clean the carpets with foam soaked sponge or a brush, scrubbing in a circular motion.
- Do not use plain water, and keep the carpets as dry as possible.

Seat Belts

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

WARNING

- 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 any ordinary detergent.
- Check the door checks regularly. If the check lever is found with visible dust accumulation, wipe it with a wet soft cloth. Then apply 0.3 - 0.8 g of lubricant between the bracket and the pull rod riveting shaft, and between the pull rod and the sliding block.

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 Speakers, Dashboard, Control Panel and Switches

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

CAUTION

- Do not use any organic matter (such as solvents, kerosene, alcohol, gasoline) or acid-base solutions. Otherwise, the surface may become stained or discolored, or may peel off.
- 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. Please clear any splashed liquid quickly.

Leather

- Leather trimmings can be cleaned with a neutral detergent for woolen.
- Use a soft cloth with a neutral detergent solution to wipe off the dust, and then use a clean, wet cloth to wipe the remaining detergent thoroughly.
- If leather gets wet, wipe it with a clean soft cloth. 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 trimmings must always be kept clean.
- Prolonged exposure to sunlight will cause leather to harden or shrink, so the vehicle should be parked in a shady and cool place, especially in the summer.
- In hot weather, avoid placing vinyl or waxy items on the trimmings, as these may stick to leather in high temperatures.
- Improper cleaning of leather trimmings may cause discoloration or spots.

Self-Maintenance

Self-Maintenance

Self-Maintenance Precautions

- If maintenance is to be carried out by the owner, be sure to follow the correct steps specified in this section.
- Note that improper and incomplete maintenance will affect the good use of the vehicle.
- This section only lists instructions on simple maintenance items that can be done by the owner. However, there are many items that must be done by qualified technicians with special tools.
- Special care must be taken in maintaining vehicles to prevent accidental injuries. Make sure to obey the followings:

WARNING

- If the motor is very hot, do not remove or loosen the expansion tank cover to prevent burns.
- Do not smoke in or near the vehicle to avoid sparks or open flames that may cause fire.
- Practice caution when handling the low-voltage battery, as the low-voltage battery contains toxic and corrosive sulfuric acid.
- Never go underneath a vehicle supported only by a jack. Be sure to prop the vehicle up using both a jack and a vehicle stand before going underneath the vehicle.
- When working inside or under the vehicle, always wear goggles to

WARNING

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 flush with clean water. If you still feel uncomfortable, seek medical attention immediately.

CAUTION

- Beware of short circuits, as some circuits and vehicle components carry high current or voltage.
- If any 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.

Self-check

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

- Coolant level: The radiator and expansion tank should be checked at each charge.
- Windshield washer fluid: The residual amount of washer liquid in the tank should be checked monthly. When washer liquid is frequently used, the residual amount of liquid should be checked more often.
- Windshield wiper: Check the wiper condition monthly. If the wiper does not work, check it for wear, cracking, or other damage.
- Brake fluid level: Check the level monthly.
- Brake pedal: Check whether the brake pedal can be operated freely and whether the brake light switch limiting pad is aged or damaged.
- EPB switch: Check whether the switch is functional.
- Low-voltage battery: Check the battery and terminals condition for corrosion monthly.
- A/C system: Check the operation of A/C units weekly.
- Tires: Check tire pressure monthly. Check tread wear and whether there are foreign bodies embedded.
- Windshield defrosters: Check the defroster vent monthly.
- Lights: Check the condition of headlights, position lights, tail lights, high mount brake light, turn signals, rear fog lights, brake lights and license plate light monthly.
- Doors: Check whether the trunk lid and all other doors (including rear doors) can be opened freely and locked securely.
- Horn: Check whether the horn is functioning properly.

WARNING

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

Lights

Headlight adjustment

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

Fogging of lights

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

WARNING

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

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.

Vehicle Storage

- If the vehicle needs to be parked for a long time (more than a month), the following preparations should be made. Proper preparation helps prevent degradation and ensure easy use of the vehicle. If possible, park the vehicle indoors.
- Charge the vehicle on time.
- Thoroughly clean and dry the body surface.
- Clean the interior of the vehicle to ensure that carpets and mats are completely dry.
- Set the gearshift lever in parking gear.
- If the vehicle needs to be stored for a long time, jack up the vehicle body to keep the tires off the ground.
- Open one window slightly (if the vehicle is stored indoors).
- Disconnect the low-voltage battery's negative terminal.
- Pad the front wiper arm with a folded towel or cloth to keep it out of contact with the windshield.
- To reduce adhesion, apply silicone lubricant to all door seals and body

wax to the painted surface where the door seals meet.

- Cover the body with a breathable covering made of a "porous material" such as cotton. Non-porous materials, such as plastic sheeting, can build up moisture and damage the paint.
- If possible, start the vehicle regularly (preferably monthly). If the vehicle has been parked for a year or more, go to a BYD authorized dealer or service provider for comprehensive maintenance.

REMINDER

- Before transportation or storage, it is recommended that SOC should be 25%-40% to ensure the performance of the high-voltage battery and normal power supply of the low-voltage battery.

Sunroof Maintenance

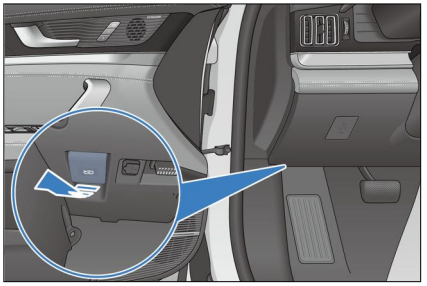
Panoramic Sunroof Maintenance

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

Hood

Opening the Hood

1. Shift to "P" or "N" and engage the EPB. Pull the hood release lever on the left under the dashboard twice, the hood will pop up slightly and can be opened manually.



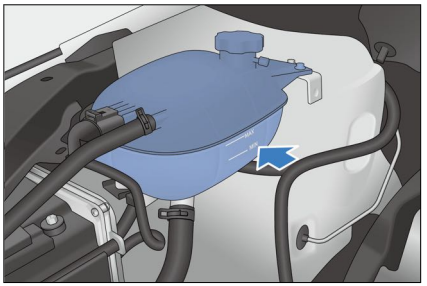
2. Lifting the hood over the balance position and letting go will allow the hood to spring to the maximum angle.
3. Pulling down the hood past the balance position and letting go will close the hood.
4. After closing the hood, check whether the latch is securely locked.

WARNING

- 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

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



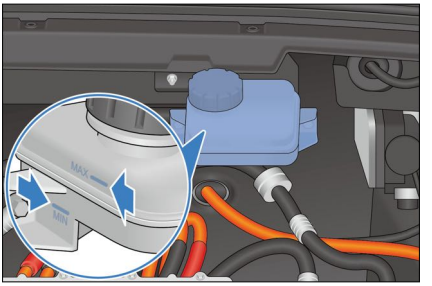
- Improper coolant will damage the cooling system.
- Use coolant of the same type as the one used originally. Fill up coolant into the cooling system based on ambient temperature.
- Do not add any admixture.
- Different brands and types of coolant should not be mixed.

CAUTION

- Do not use tap water, so as to avoid cooling system damage.
- To avoid incompatible coolants and additives, do not apply additives like rust remover to the cooling system.

Braking System

- Check the level in the fluid tank monthly, and change the brake fluid according to the travel time and mileage specified in Maintenance Schedule.
- Be sure to use the brake fluid of the same specifications as the original brake fluid, and different types of brake fluid must not be mixed.



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

- If the level is below the MIN mark, check if the braking system leaks and the brake friction blocks are worn.

Washer

- During normal use, check the liquid level of the windshield washer reservoir at least monthly.
- If the windshield washer is used frequently, the level of the washer reservoir should be checked more frequently.
- High quality windshield washer fluid should be added to improve stain removal and prevent freezing in cold weather.
- When refilling the washer fluid, use a clean cloth dipped in the windshield washer fluid to clean the windshield wiper blade, thus helping keep the wiper blade in good condition.

CAUTION

- Do not inject vinegar-water solution into the windshield washer fluid reservoir.
- It is recommended to use certified windshield washing fluid.

A/C System

- The A/C system is a closed system, and any important maintenance work should be performed by professionals from a BYD authorized dealer or service provider.
- Owners can perform the following operations to ensure that the A/C system works effectively.
  - Check the radiator and A/C condenser regularly. Remove leaves, insects, and dust from the front surface. These deposits will hinder the air flow and reduce the cooling effect. It is recommended to contact a BYD authorized dealer or service provider.
  - In cold months, the A/C should be turned on at least once a week for at least 10 minutes each time, to allow the circulation of lubricating oil contained in the refrigerant.
- If A/C efficiency decreases, go to a BYD authorized dealer or service provider for maintenance.

CAUTION

- Whenever the A/C system is 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 blade strip, made of synthetic rubber, is a vulnerable part. Various service environment of the vehicle and usage habits of drivers can damage the blades. Therefore, please observe the following to ensure the service life of blades and driving safety:

- Do not use a blade to remove ice from the windshield surface. Use a customized ice scraper.
- Do not scrape the windshield surface if it is dirty, greasy or waxy.
- Keep the windshield surface clean. Do not scrape dust, sand, insects, or foreign bodies on the windshield surface.

- During vehicle washing and body paint maintenance, there is no need to wax the windshield, as the wax layer reflects light in bad light, affecting the line of sight and driving safety. After washing the vehicle, rinse the blade with plain water, and use special windshield wax cleaner to remove the wax layer on the windshield.
- Do not wash the blades directly with a water jet to prevent excessive water pressure from damaging the blades.

Maintenance Rules

- Clean windshield and blade regularly (preferably once a week or once every two weeks).
- Wipe the wiper regularly (preferably once a day or once every two days) even if it doesn't rain.
- When using a blade to wipe the windshield, keep the windshield fully wet (when there is no rain, the washer liquid must be sprayed in advance).
- Clean the windshield with a special windshield washer fluid.
- Promptly clean mud and insect carcasses stuck to the windshield with a rag.
- When there are marks on the windshield caused by gravel, maintenance should be carried out timely (it is recommended that windshield repair resin products should be used and the windshield should be replaced if marks are too large or too many.)
- Replace the wiper blades regularly, preferably once every six months.
- When cleaning the windshield, raise the wiper arm in advance. The specific operation method is as follows:

1. Go to infotainment system and tap **Vehicle Health** to enable front/rear wiper maintenance. The wipers rotate out.
2. Grasp the upper end of the wiper arm and carefully lift the wiper arm and blade assembly.

Tires

- For safe driving, tires must be made and sized to fit the vehicle, with good tread and standard tire pressure.
- The following pages provide details on how to check tire pressure, damage to and wear of tires, and the operating method for tire transposition.

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.

Tire Inflation

- Keep tires properly inflated to provide the best combination of maneuverability, tread life and driving comfort.
- Under-inflated tires can cause uneven tire wear, affect steerability and energy consumption, and are prone to leakage due to overheating.
- Over-inflated tires reduce riding comfort and are prone to damage from uneven roads. In severe cases, the risk of tire bursting poses severe threats to the safety of the entire vehicle. Over-inflation will also cause uneven wear and tear of tires, affecting tire service life.
- The vehicle is equipped with a tire pressure gauge. When tires are cold, you can decide whether to replenish tire pressure according to the tire pressure values displayed on the instrument cluster.
- Tire pressure should be measured while tires are at ambient temperatures. This means that it should be measured at least three hours after stop. If you must drive the vehicle before the tire pressure is measured, tires can still be considered at ambient temperatures as long as the travelled distance is not more than 1.6 km.
- It is normal that tire pressure reading measured while tires are hot (after travel of several kilometers) is 30-40 kPa (0.3-0.4 kgf/cm^2) higher than when tires are cold. In that case, do not deflate tires in order to achieve the specified cold tire pressure reading; otherwise, the tire pressure will be insufficient.

REMINDER

- The recommended cold tire pressure is indicated on the label affixed to the driver's door frame.

- 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 Inspection

- 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 must 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, proper wheel alignment also helps reduce tread wear.
- If uneven tire wear is found, go to a BYD authorized dealer or service provider and check the wheel alignment.
- The vehicle has been balanced in the factory, but tires need to be re-balanced after driving for a period of time.
- If there is some kind of continuous vibration while driving at high speeds (above 80 km/h), but not at low speeds, go to a BYD authorized dealer or service provider and check the tires.
- If a tire has been repaired, be sure to re-balance it.
- When installing a new tire or replacing a new wheel, always perform tire balancing.

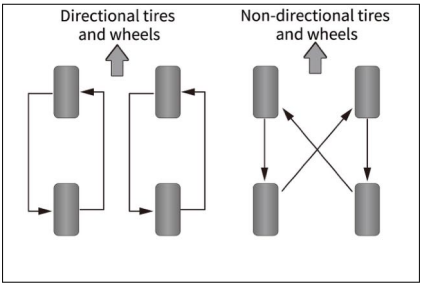
CAUTION

- Improper wheel balancers will get stuck, become loose and fall off. While driving, this will damage the car or surrounding objects.
- Improper wheel balancers will damage the aluminum rims of the vehicle. Therefore, it is recommended to use original wheel balancers.

Tire Rotation

In order to make tires wear the same and prolong their service life, it is recommended to rotate tires regularly and conduct four-wheel alignment, inspection and adjustment as well.

- Do not rotate tires when a spare tire is used for the vehicle.
- When purchasing replacement tires, you may find that some tires are directional, which can only be rotated in one direction. If directional tires are used, only the front and rear wheels can be swapped in tire rotation. See the illustration.



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

Replacing Tires and Wheels

- Original tires maximize performance, while providing the best combination

of maneuverability, driving comfort and service life.

- Go to a BYD authorized dealer or service provider for replacement of original tires.
- Replacement of tires with different sizes, road ranges, rated speeds and maximum cold pressures (marked on the tire side) or mixed use of radial tires and diagonal tires can reduce braking ability, driving force (ground adhesion) and steering accuracy.
- The installation of unsuitable tires can affect the maneuverability and stability of the vehicle, and may lead to accidents.
- Replace four tires at the same time whenever possible. If this is impossible or unnecessary, replace front or rear tires at the same time. Do not replace only one tire; otherwise it will seriously affect the maneuverability of the vehicle.
- ABS works by comparing wheel speed. When replacing a tire, use a tire of the same size as the original tire. The size and structure of the tire can affect wheel speed and may lead to uncoordinated system operation.
- If the wheel needs to be replaced, ensure that the specifications of the new wheel match those of the original wheel. New wheels are available for purchase at a BYD authorized dealer or service provider. Please consult a BYD authorized dealer or service provider before replacing the wheels.

WARNING

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.

WARNING

- Do not use tires with dimensions other than those recommended by the manufacturer.

Electrical Component

Checking the Low-Voltage Battery Status

WARNING

- If electrolyte gets into the eyes, rinse immediately with fresh water and seek medical assistance immediately. Keep cleaning the contaminated part with a soaked sponge on the way to a hospital if possible.
- If electrolyte contacts bare skin, thoroughly rinse the contact area. Seek medical assistance immediately if you experience any painful or burning sensations.
- Electrolyte may seep in, and contact the skin, if they come into contact with clothing. All contaminated clothes must therefore be removed immediately. Follow the instructions above if needed.
- If any electrolyte is swallowed, drink a large amount of water or milk. Milk with magnesium oxide, crushed raw eggs, or vegetable oil can also be ingested to alleviate symptoms. Then, seek medical assistance immediately.
- Low-voltage battery may produce combustible and explosive hydrogen gas.

WARNING

- Prevent the low-voltage battery from making sparks when using tools.
- Do not smoke or light flames near the low-voltage battery.
- Electrolyte contains toxic and corrosive sulfuric acid.
  - Avoid electrolyte contact with eyes, skin or clothing.
  - Avoid accidentally swallowing the electrolyte.
  - Wear safety glasses at all times when working near the low-voltage battery.
  - Keep children away from the low-voltage battery.

Checking the Low-Voltage Battery Exterior

Check for corrosion, loose joints, cracks, and loose pressing tools on the low-voltage battery.

- If the low-voltage battery is corroded, use a lukewarm baking soda solution to wash it. Apply lubricant to the outside of the joint to prevent further corrosion.
- If the connector becomes loose, tighten the clamp nut, but do not overtighten it.
- Tighten the pressing tool until it securely fixes the low-voltage battery in place. Over-tightening will damage the low-voltage battery compartment.

CAUTION

- Ensure the powertrain and all auxiliary equipment are off before any maintenance.

CAUTION

- When checking the low-voltage battery, remove the ground cable from the negative terminal (-) first, and reconnect it last.
- Try to avoid shorting electronic components when using tools.
- When cleaning the low-voltage battery, make sure to prevent any liquid entry.

Checking the Low-Voltage Battery Interior

Inspect the low-voltage battery's internal state by referencing the instructions on the battery housing.

CAUTION

- Charging the low-voltage battery during cable connection may seriously damage the electronic control unit (ECU) and other electrical components. Remove the low-voltage battery cable before connecting the low-voltage battery to the charger.
- If the vehicle is not started (with the ignition off), avoid extensive use of the vehicle's electrical equipment. This may cause excessive discharge of the low-voltage battery, resulting in vehicle starting failure, or even permanently damage the low-voltage battery.
- When leaving the vehicle, make sure the doors are closed and all electric equipment (like lights) is turned off.
- Be sure to replace a low-voltage battery with insufficient

CAUTION

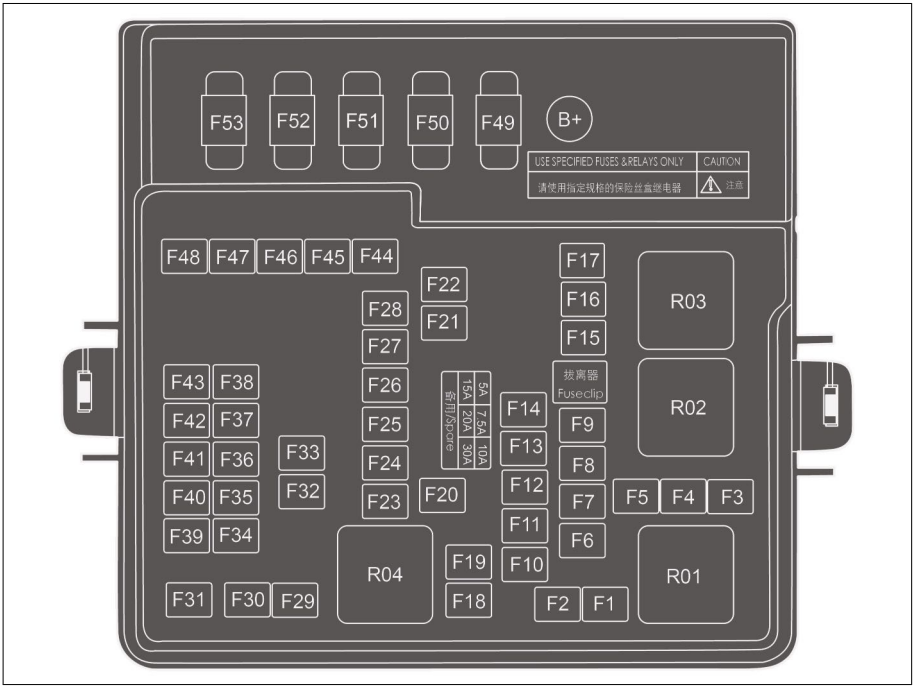
electrolyte. Do not add electrolyte by yourself.

Fuses

All vehicle circuits are provided with fuses to prevent short circuit or overloading. These fuses are installed in three PDBs respectively.

- The under-hood PDB is located beside the left fender of the engine compartment.
  - Remove the upper cover of the under-hood PDB, and turn over it to view the PDB label.
- The dashboard PDB is located in the shield under the dashboard.
- The positive PDB is under the front passenger's seat and beside the low-voltage battery.
- Replacement of blown fuses with ones of higher amperage can significantly increase the likelihood of damage to the electrical system.
- If there is no spare fuse of the same amperage, use a fuse with lower amperage instead.

Under-Hood Fuse Box Nameplate

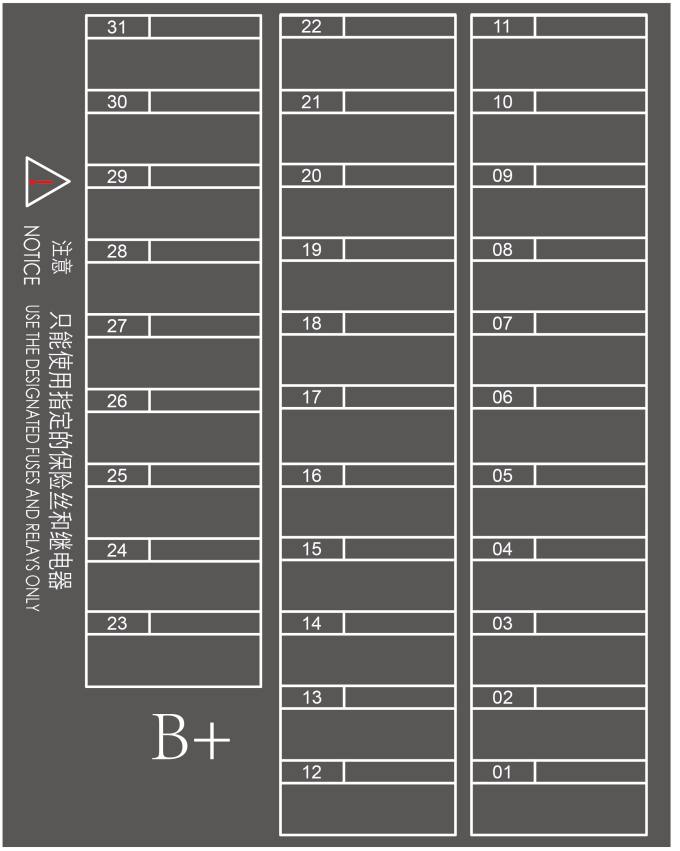


No.	Ampere (A)	Protected Component or Circuit
F1	40	Constant power
F2	30	Rear combination lights
F3	-	-
F4	15	HV all-in-one controller
F5	15	HV all-in-one controller
F6	10	Alcohol interlock
F7	-	-
F8	5	Oil circuit magnetic valve
F9	5	Charging and distribution assembly
F10	15	USB
F11	10	USB
F12	7.5	Electric compressor
F13	-	-
F14	10	PTC water pump
F15	5	Brake light switch
F16	25	High-pressure oil pump
F17	-	-
F18	20	Tow eye
F19	-	-
F20	30	Rear windshield defroster
F21	30	Front wiper motor
F22	20	DC charge port
F23	10	Front motor controller
F24	10	Rear motor controller
F25	10	Vehicle controller
F26	7.5	USB

No.	Ampere (A)	Protected Component or Circuit
F27	15	Auxiliary power
F28	15	Rear-seat auxiliary power
F29	25	External amplifier
F30	60	ESC
F31	15	Electrically controlled cooling water pump
F32	25	External amplifier
F33	5	Battery manager
F34	15	Steering wheel heater
F35	5	Rear body control module
F36	-	-
F37	15	Seat ECU
F38	10	SRS
F39	7.5	ADAS
F40	5	Instrument cluster
F41	5	EPS
F42	5	ESC
F43	5	E-Call BOX
F44	60	ESC
F45	40	Blower
F46	15	Front left combination light
F47	15	Front right combination light
F48	10	Rear wiper motor
F49	200	UEC
F50	100	EPS
F51	60	Electric fan
F52	80	Dashboard PDB

No.	Ampere (A)	Protected Component or Circuit
F53	-	-

Dashboard PDB nameplate



No.	Ampere (A)	Protected Component or Circuit
01	30	Tow eye/rear body controller
02	30	Front left power seat

No.	Ampere (A)	Protected Component or Circuit
03	10	Seat lumbar support
04	10	Diagnosis port
05	5	Instrument Cluster
06	7.5	High-frequency reception module
07	7.5	T-BOX
08	20/25	Infotainment system CPU
09	15	Suspension ECU
10	7.5	ADAS
11	10	Combination switch
12	30	Rear body control module
13	30	Rear body control module
14	20	Front left window
15	20	Rear blower
16	7.5	Integrated thermal management module
17	-	-
18	-	-
19	20	Right front window
20	20	Rear left window
21	20	Right rear window
22	30	Right front power seat
23	-	-
24	-	-
25	10	Rear left combination light
26	10	Rear right combination light
27	-	-
28	-	-

No.	Ampere (A)	Protected Component or Circuit
29	-	-
30	-	-
31	-	-

07 WHEN FAULTS OCCUR

When Faults Occur

Reflective Vest

REMINDER

- If the vehicle breaks down and an emergency stop is needed, promptly put on the reflective vest.

If Smart Key Battery is Exhausted

If the smart key indicator does not flash and the vehicle cannot be started using the start function, the smart key battery may be exhausted. It is recommended to contact a BYD authorized dealer or service provider for battery change as soon as possible. In this case, you may start the vehicle in no power mode.

CAUTION

- Do not place keys in areas at high temperature.
- Do not hit or slam the key with hard objects.
- Keep the key away from the magnetic field.
- When the door is locked and entering the anti-theft state, if you are using the vehicle, keep the key away from the vehicle because the automatic card finding of the vehicle will consume the low-voltage battery.

1. Use the mechanical key to unlock the vehicle.
2. Press the brake pedal and the START/STOP button. The smart key warning light on the instrument cluster comes on and the speaker in the vehicle gives a beep.
3. Keep the smart key close to the no-power mode sign on the auxiliary dashboard within 30 seconds after the speaker beeps. The speaker beeps again, the smart key warning light goes out, and the vehicle can be started.
4. Start the vehicle within five seconds after the speaker beeps again.

Emergency Shutdown System

- If the following conditions are met, the emergency shutdown system will be activated and the HV system will shut down automatically:
  - Any air bag fails to deploy after a front collision.
  - Some rear collisions.
  - Vehicle system failure.
- If any of the above collisions and vehicle system failures occur, the OK indicator goes off.
- Activating the emergency shutdown system in the noted types of collision minimizes the risk of injuries or accidents. 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. It is recommended to contact a BYD authorized dealer or service provider as soon as possible.

Vehicle Fire Rescue

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

- Switch the ignition off, and disconnect the low-voltage battery under the hood if conditions permit.
- Locate a dry powder fire extinguisher nearby.
- If the fire is small and slow, use a dry powder fire extinguisher to put out the fire, and call for help immediately.
- 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 to put out a fire. Water-based extinguishers or other wrong-type fire extinguishers may cause electric shock.
- In the event of other special conditions that cause flying projectiles (such as interior trims and glass), please stay away from the vehicle and promptly ask a BYD authorized dealer or service provider to go to the site for 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 under the hood 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, clean up any leaked fluids and treat them as hazardous waste. Calcium gluconate solution can help treat toxic HF gases.
- If skin comes in contact with leaked fluid, wash it immediately with plenty of water for 10-15 minutes. If there is still any discomfort, apply 2.5% calcium gluconate ointment, or soak in 2% to 2.5% calcium gluconate solution. If the condition does not get better or discomfort persists, seek medical help immediately.

WARNING

- Do not touch any spilled liquid, and stay away from a leaking vehicle or high-voltage battery.
- Do not dispose of the leaked fluid into the water or soil or other environment.

WARNING

- The vehicle system operates with high-voltage DC power. It generates a lot of heat before and after vehicle start-up and when the vehicle is powered off. Watch out for high pressures and high temperatures.
- Do not disassemble, move, or alter high-voltage battery components and connecting cables as their connectors can cause serious burns or electric shock and may result in personal injury or death. The orange cables are part of high-voltage wiring harness. Users must not repair the vehicle's high-voltage system by themselves. If any repair is required, it is recommended to go to a BYD authorized dealer or service provider for repair.
- The remote control key and high-voltage components of the vehicle may affect and harm people carrying medical devices.

If the Vehicle Needs Towing

If the vehicle needs towing, it is recommended to contact a BYD authorized dealer or service provider, a professional towing service, or the organization you joined for roadside assistance.

CAUTION

- Do not allow other vehicles to pull your car with only ropes or chains.

Recommended towing methods:

- Flatbed device
- If the vehicle fails and needs towing, a flatbed is the best choice. Towing the vehicle on front or rear wheels alone may damage high-voltage components.

CAUTION

- When using a flatbed device, make sure the vehicle is securely fastened to prevent it from sliding.

Tow Eye

- The tow eye cover is at the lower right corner of the front bumper, with the installation position shown in the diagram.
- Opening the tow eye cover: Use a soft-wrapped screwdriver to gently pry the tow eye cover open from the notched side.

CAUTION

- Towing the vehicle with a tow eye is not recommended. You'd better contact a professional towing service or the organization you joined for roadside assistance.
- Only the in-vehicle tow eye 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.
- Engage the EPB and press the "P" button.
- 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 the car with a deflated tire. Driving even a short distance can cause too severe damage for the tire to be repaired.

In-Vehicle Tools

These tools are stored in a tool box under the trunk cover flap. In-vehicle tools include warning triangle, reflective vest, wheel nut cap removal clamp, tire puncture sealant kit, and tow eye.

CAUTION

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

Placing the warning triangle

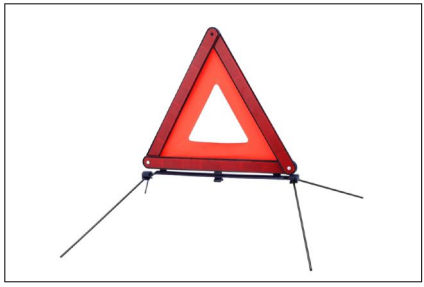
REMINDER

- 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 kit is used to seal small cuts, especially cuts in tread pattern. It is just an emergency solution for you to drive to the nearest service center, and only for short emergency stretches, even if the tire is not deflated.
- The tire repair kit is in the trunk and can be taken out from the interior trim panel.

- The tire repair kit includes: sealant, inflator, and adhesive sticker with marked maximum allowable speed and instructions.

WARNING

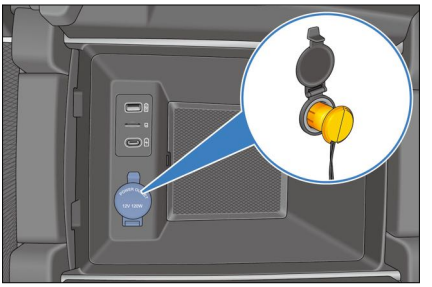
- The tire repair kit is only suitable for minor damages of tires. If a wheel is damaged, tyre puncture sealant kit is prohibited.
- Tire sealant is highly flammable and harmful to health. Take necessary precautions to prevent fire and avoid contact with skin, eyes, and clothing; keep away from children; 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.

How to Use

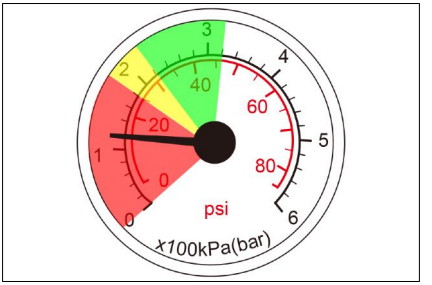
- Refer to labels on the inflator for usage of the kit.
- If the inflator needs to be connected to a power source, plug the inflator into the vehicle's 12V socket, start the vehicle, and turn on the inflator. The tire sealant is then filled through the inflator hose into the tire along with air.



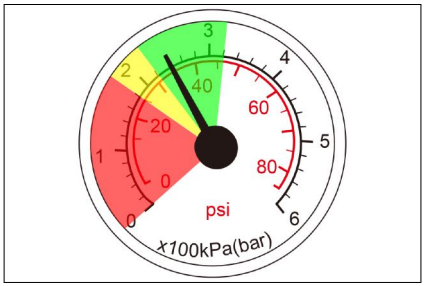
REMINDER

- Make sure the inflator switch is off when plugging the power supply into the 12V socket in the vehicle.
- The inflator can only be turned on for up to 10 minutes.
- Before using the power plug, make sure that its voltage and power do not exceed the 12V and 120 W limits marked on the backup power supply. Exceeding these limits poses a safety hazard.

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



- If the tire pressure reaches between 180 and 320 kPa (green and yellow areas shown in the figure), remove the kit as soon as possible and drive at a speed below 80 km/h within one minute, with the furthest driving distance not exceeding 10 km, so that the tire sealant is evenly distributed within 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 130 and 220 kPa, repeat the process to fill the tire sealant into the tire and observe the tire pressure gauge reading on the inflator.
  - If the tire pressure does not reach 130 kPa, it is recommended to 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

Vehicle Data

Vehicle Data

Dimensions

Item	Parameter
Model	BYD6490SBEVB
Length (mm)	4970
Width (mm, excluding side mirrors)	1955
Height (mm)	1745
Wheelbase (mm)	2820
Front track (mm)	1650
Rear track (mm)	1630
Front overhang (mm)	1040
Rear overhang (mm)	1110
Approach angle (°)	⩾19.5
Departure angle (°)	⩾20.5

Vehicle mass

Item	Parameter
Model	BYD6490SBEVB
Curb weight (kg)	2630
Front axle load (kg)	1262
Rear axle load (kg)	1368
Max. allowable total mass (kg)	3204
Front axle load at max. allowable total mass (kg)	1378
Rear axle load at max. allowable total mass (kg)	1826
Number of occupants (persons)	7

Drive motor

Item	Parameter
Model	Front: TZ200XSU Rear: TZ200XSE
Type	Permanent magnet synchronous motor
Drive type	4WD
Rated power/speed/torque (kW/rpm/Nm)	Front: 65/4400/135 Rear: 65/4775/130
Peak power/speed/torque (kW/rpm/Nm)	Front: 180/15000/350 Rear: 200/15000/350

Vehicle power performance and economic efficiency

Item	Parameter
Model	BYD6490SBEVB
Max. design speed (km/h)	190
Max. gradeability (%)	⩾50
Power consumption per 100 km under comprehensive working conditions (kWh/100 km)	24

Wheels and tires

Item	Parameter
Specifications	265/45R21
Tire pressure (kPa)	Without a trailer hitch: half load 260/260; full load 260/290 With a trailer hitch: 280/310
Wheel dynamic balance requirement (g)	<10

Wheel alignment values (at curb weight)

Item	Parameter
Front camber (°)	-0.48±0.75
Front toe-in (°)	0± 0.16

Item	Parameter
Kingpin inclination angle (°)	11.13±0.75
Kingpin caster angle (°)	2.78±0.75
Rear camber (°)	-0.75±0.75
Rear toe-in (°)	0± 0.16

Braking system

Item	Parameter
Model	BYD6490SBEVB
Free stroke of brake pedal (mm)	⩽5
Front brake disc thickness (mm)	32-34
Rear brake disc thickness (mm)	23-25
Front friction plate thickness (mm)	2.75-9.85
Rear friction plate thickness (mm)	2.5-6.5

High-voltage battery

Item	Parameter
Type	Lithium iron phosphate battery
Rated capacity (Ah)	170

Seats

Item	Parameter
Forward and backward moving spaces for front seats (seat cushion depth measured)	45 mm forward from the farthest slide rail stroke
Seatback angle of front seats (cushion depth measured)	23°
Normal service conditions of front seatbacks	14.5° forward and 40° backward from the designated position; 200 mm forward and 45 mm backward from the slide rail; slide rail inclination: 4.5°
Forward and backward moving spaces for second-row seats (seat cushion depth measured)	40 mm forward from the farthest slide rail stroke

Item	Parameter
Seatback angle of second-row seats (cushion depth measured)	23° for outboard seats and 19° for the middle seat
Normal service conditions of second-row seatbacks	11.5° backward and 7.5° forward from the designed position, forward 110 mm and backward 40 mm on the horizontal guide rail
Forward and backward moving spaces for third-row seats (seat cushion depth measured)	No slide rail
Seatback angle of third-row seats (cushion depth measured)	20°
Normal service conditions of third-row seatbacks	0° forward and 5.8° backward from the designed position; no slide rail

Fluid

Item	Parameter
Gear transmission oil type	Castrol BOT 384 Castrol BOT 383 Castrol W5 Central Research Institute EV POWER EV2.0
BYDNT33 gear transmission oil amount (L)	0.85±0.1
BYDNRT33 gear transmission oil amount (L)	0.95±0.1
Brake fluid type	HZY6
Brake fluid amount (ml)	Within 0-5 mm of the MAX mark
Motor coolant type	Antifreeze freezing point: -40°C
Motor coolant amount (L)	4WD 12.7±0.3

Information

Vehicle Identification

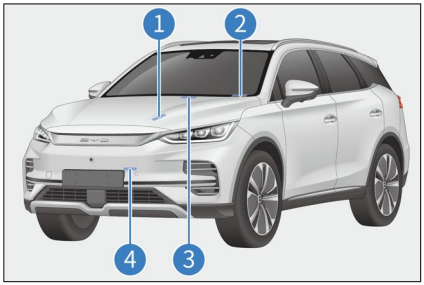
Vehicle Identification Number (VIN)

① Attached to the side of the front transmission

② Attached to the left front corner of the upper dashboard body

③ Attached on the front hood inner panel

④ attached on the front bumper beam

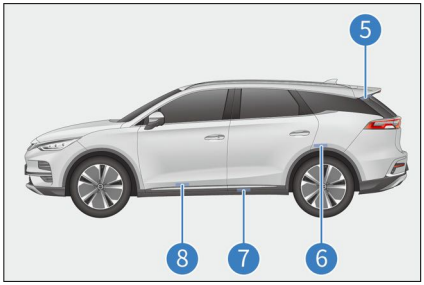


⑤ Attached to the upper part of the inner panel of the trunk lid

⑥ Attached to the sheet metal of the rear left hubcap

⑦ Attached to the left rear door sill sheet metal

⑧ Attached to the lower part of the driver's door inner panel



⑨ Engraved under the front passenger's seat

Note: After connecting the VDS, the VIN can be found in the upper right corner of the screen for the corresponding model.

For details, please refer to the VDS operation manual.

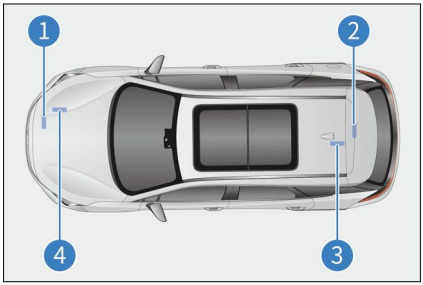
Model and Serial Number of Drive Motor

① The model and serial number label of the front drive motor is attached to the inner panel of the hood.

② The model and serial number label of the rear drive motor is attached to the inner panel of the trunk lid.

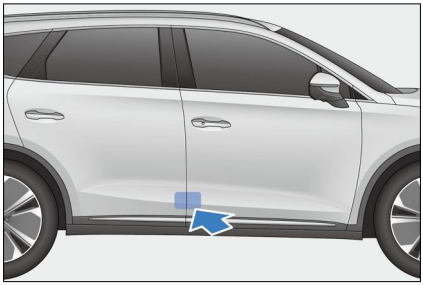
③ The model and serial number of rear drive motor are engraved on the rear drive motor housing.

④ The model and serial number of front drive motor are engraved on the front drive motor housing.



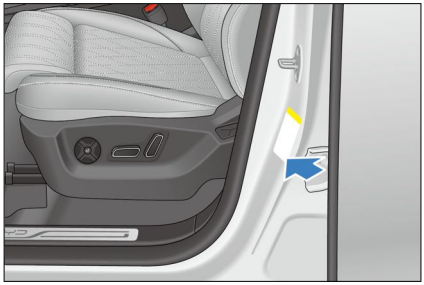
Vehicle Nameplate

The vehicle nameplate is located at the lower sheet metal sink of the right B-pillar.

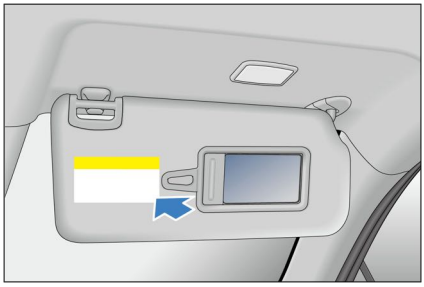


Warning Labels

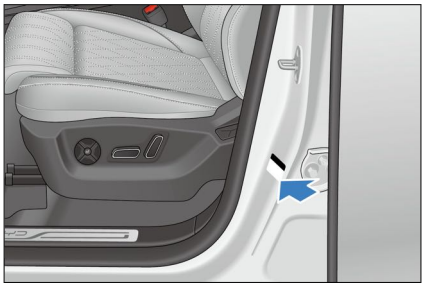
Side airbag warning labels are attached on the lower part of the left and right B-pillars.



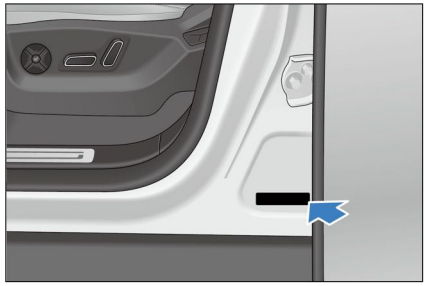
The airbag warning label is printed on the right sun visor.



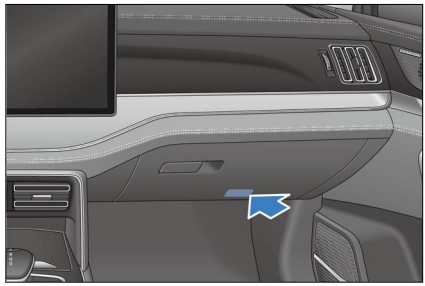
The tire pressure label is attached below the left B-pillar.



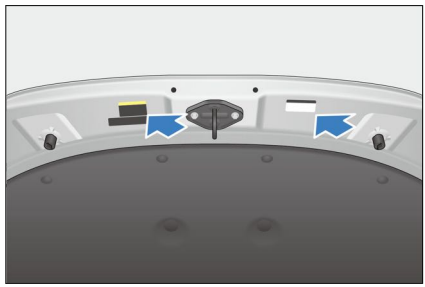
The representative information label is attached at the lower sheet metal sink of the left B-pillar.



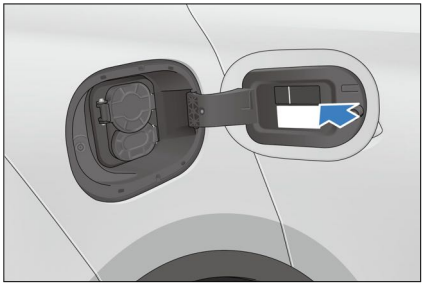
The air filter label of the A/C system is attached inside the glove box.



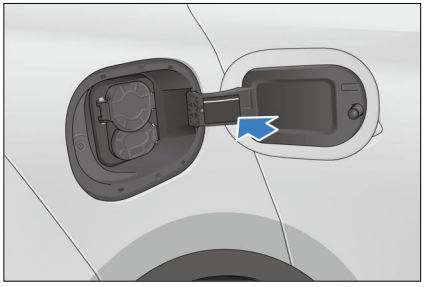
The refrigerant refill and cooling fan labels are attached on the left side of the hood lock ring, and the battery position indication label on the right side of this ring.



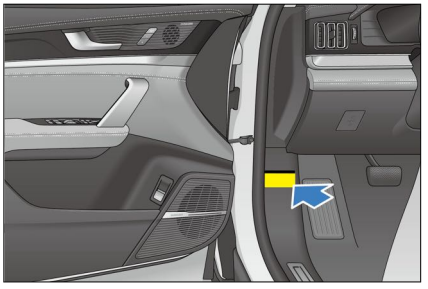
The charging warning label and the charge port label are attached on the inner side of the charge port door.



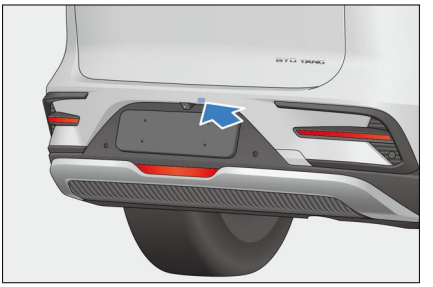
The charging indicator label is attached to the inner side of the charge port hinge.



The hood opening mark is attached below the A-pillar and on the left of the hood handle.



The trunk lid opening label is attached to the part above the exterior trunk switch.



Declarations of Conformity

Radio Frequency

CE	The 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.

Smart Key

ST	Uzbekistan Model: D1-92
CE	EU countries Model: D1-92
ANATEL 13120-22-14807	Brazil Model: 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

Numerics

A

B

C

D

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T

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V

W

Abbreviations

Abbreviations	Full Form	Abbreviations	Full Form
ECU	Electronic Control Unit	ABS	Anti-lock Braking System
AUTO	Automatic	ACC	Adaptive Cruise Control
USB	Universal Serial Bus	AFL	Adaptive Front Light
TSR	Traffic Sign Recognition	LDA	Lane Departure Assist
SOC	State of Charge	AVH	Automatic Vehicle Hold
EPB	Electric Parking Brake	FCW	Forward Collision Warning
AEB	Autonomous Emergency Braking	BSD	Blind Spot Detection System
RCTA	Rear Cross Traffic Alert	DOW	Door Open Warning
TPMS	Tire Pressure Monitoring System	ESC	Electronic Stability Control
VDC	Vehicle Dynamic Control	TCS	Traction Control System
HHC	Hill-start Hold Control	HBA	Hydraulic Brake Assist
CDP	Controlled Deceleration for Parking Brake	HDC	Hill Descent Control
PM2.5	Air Purification System	MAX	Maximum
MIN	Minimum	VIN	Vehicle Identification Number

BUILD YOUR DREAMS

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