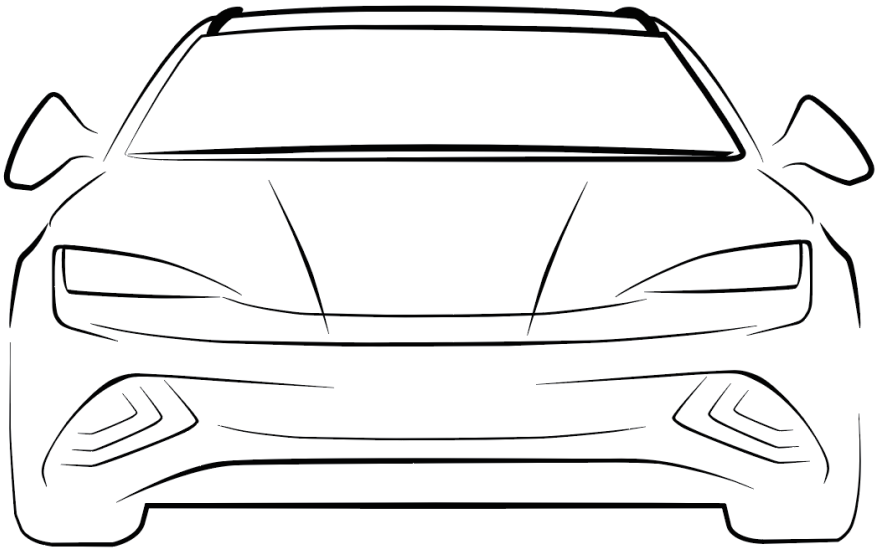
BYD SEAL

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 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.

Descriptions marked with an asterisk (*) in this manual are applicable to some models only and attached pictures belong to one of the 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:

WARNING

Items that must be observed to ensure personal safety.

CAUTION

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

REMINDER

Items that must be observed to facilitate maintenance.

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

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

Sustainability

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

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

Contact Us

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

E-mail: Autoservice.contact@byd.com

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

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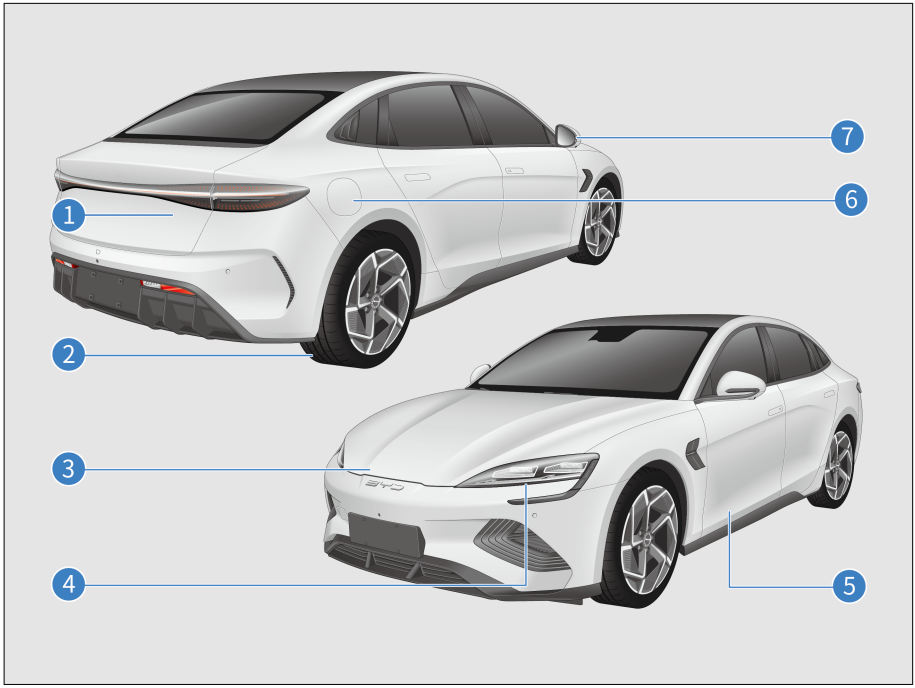
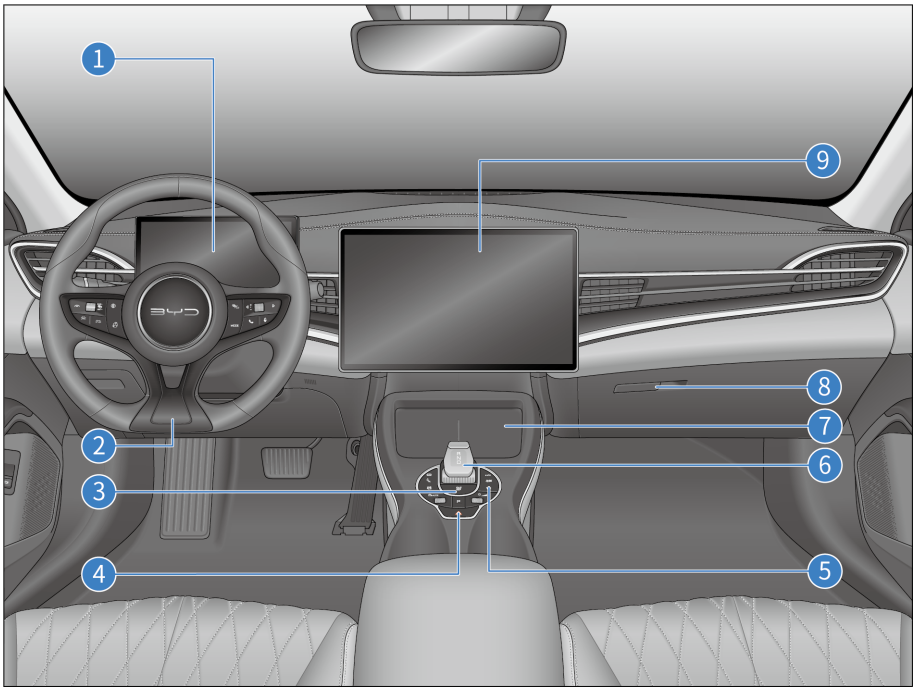


Dashboard



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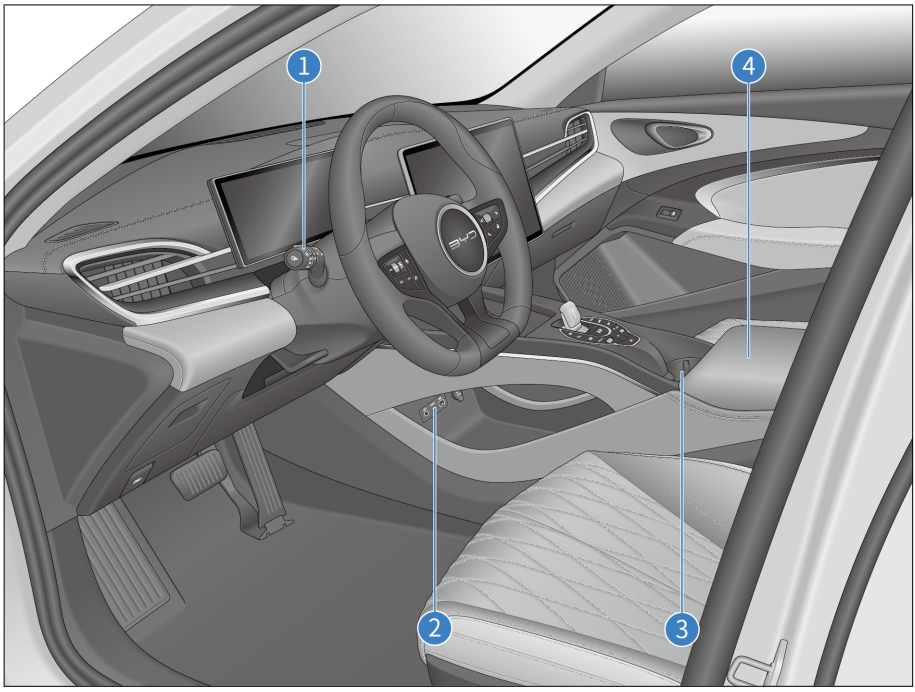

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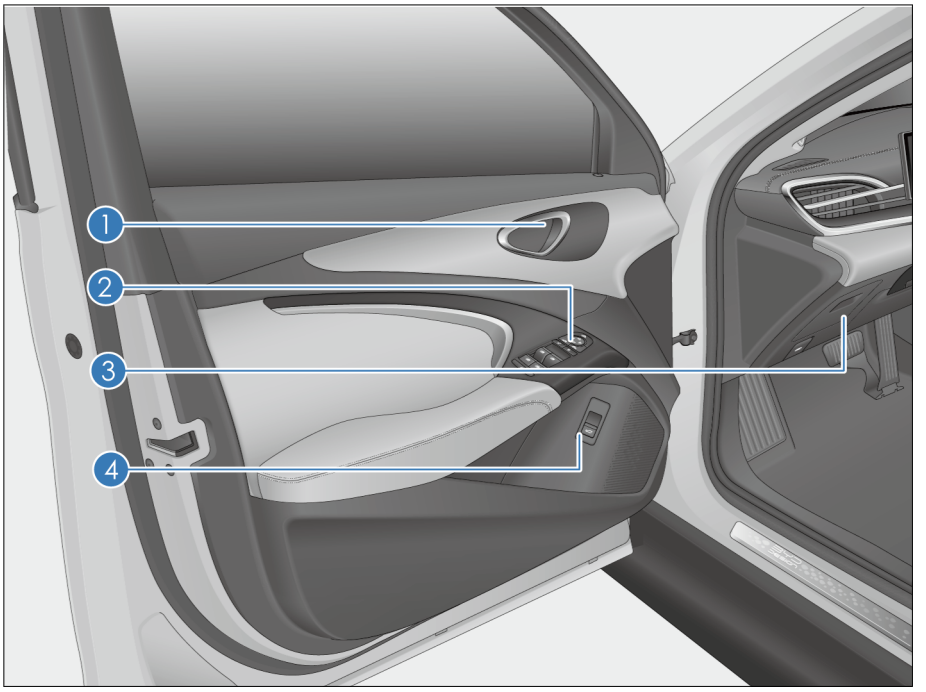

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01 SAFETY

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

- 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 to fit adults and are not intended for children. Make sure to choose a child restraint system appropriate for your child's age and size. (see ***P12***).
- 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.

- All occupants should always fasten their seat belts while in the vehicle to avoid personal injury or death in case of an accident.
- 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 (ELR)

- 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.

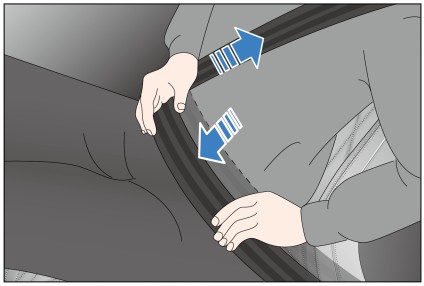
Pretensioner and Force Limiter Function*

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.

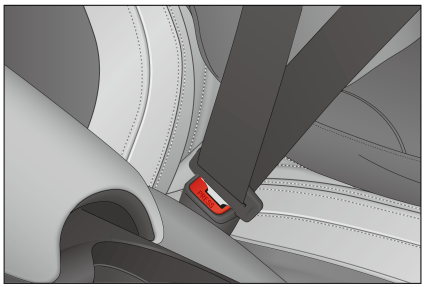
Using Seat Belts

1. Adjust the seat position and seatback angle (see ***P62***).
2. Adjust the position of the three-point seat belt.

- Keep the correct sitting posture and pull out the shoulder belt diagonally across the entire shoulder without contacting the neck or falling from the shoulder. Position the lap belt as low as possible around the hip.



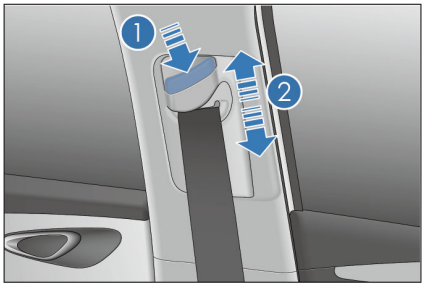
3. Insert the latch into the buckle until it clicks, and then pull it back to make sure it is firmly locked. Do not fasten the belt with any part of the strap twisted.



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 and release it.



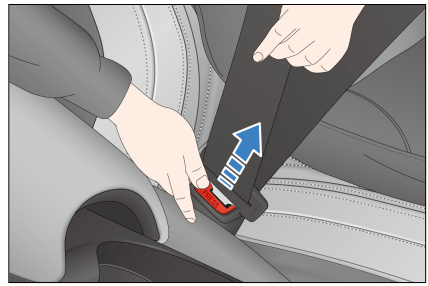
5. Pull the shoulder belt firmly to check that the adjuster is locked.

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.



REMINDER

- 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

REMINDER

should remind passengers to wear seat belts properly.

- The driver should ensure that all occupants are wearing seat belts before driving the vehicle.

WARNING

- One seat belt is for one occupant only. Do not allow multiple occupants (including children) to share one seat belt.
- Avoid traveling with the seatback leaning too far back. The seat belt protection performs best when the seatback is upright.
- Make sure that no seat belt or 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, immediately 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.
- 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.
- In the event of a serious accident, even if there is no apparent damage, the seat belt should be replaced along with the seat assembly. The airbag system should also be thoroughly inspected.

WARNING

- Use an approved model whenever you replace the seat belt.
- Pregnant women need to fasten the seat belts properly and position the lapbelt as low as possible around the hips to avoid serious injury from the intense lap belt forces against the abdomen in an accident.
- 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 the driver, front passenger or rear passenger* has not buckled up after the vehicle is started, the alarm system goes off and continues until the corresponding seat belt is properly fastened.

- Seat belt reminder indicator
  - Any unfastened seat belt will trigger the indicator to flash.
- Display of unfastened belt's seat
  - The indicator for the seat with unfastened seat belt lights up when the alarm is triggered.
- Seat belt reminder for front passenger
  - If the driver or front passenger has not buckled up after the ignition is switched on, the seat belt reminder indicator and the indicator associated with the corresponding seat light up. If the seat belt remains unfastened while driving, in addition to the reminder indicator, an audible alarm is given to remind the driver and the occupant.
- Seat belt reminder for rear passengers*

- With the ignition on, if any rear-row seat belt is not fastened, the seat belt reminder indicator and the indicator associated with the corresponding seat light up.
- When the drive speed is above 20 km/h and only rear seats are loaded with occupant(s), who have not buckled up, the seat belt reminder indicator is on and an audible alarm is given.

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

WARNING

- In the event of abnormality or function failure, contact a BYD authorized dealer or service provider. Do not use the corresponding seat until the functions return to normal.
- When driving, make sure all occupants have their seat belts properly fastened to prevent serious injury or death in emergency braking or in a collision.

Airbags

Airbags

- The airbag system is a part of supplemental 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, reducing likelihood of personal injuries or even death.
- Airbags are generally divided into front and side types according to the type of collision. The front airbags include front occupant airbags, while the side airbags include seat side airbags and side curtain airbags.
- As an integral part of the vehicle's passive safety protection system, the airbag system does not replace seat belts, and must be used in combination with fastened seat belts to maximize protection.

Multi-Collision Braking (MCB)

- In the event of an accident, the automatic braking will be activated when the driver airbag or the front passenger airbag deploys.
- Speed reduction, along with intervention by additional driving systems (ESC and ABS), assists the vehicle to maintain stability and lane position.
- Hazard warning light and brake light would light up to warn oncoming vehicles and aid to avoid secondary collision.
- The brake is released after an accident and brake lights are turned off to support emergency rescue or recovery of the affected vehicle.
- The driver can interrupt the multi-collision braking at any time by accelerating or braking.

WARNING

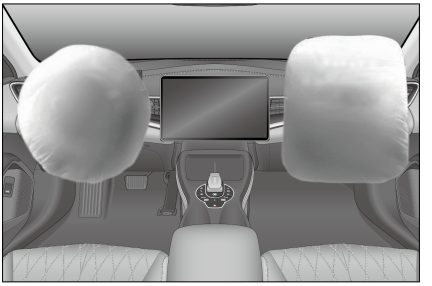
- Never seat a child in the front passenger seat.
- Occupants must sit in a proper position to maximize the protection provided by seat belts and the airbag system.

WARNING

- Do not disassemble or assemble airbag components.
- Do not wet the seatbacks, in case the side airbag system may not work properly.
- Do not use seat covers, as they restrict airbag deployment on the corresponding side in an accident.
- Do not place anything between the side airbag and the occupant.
- Do not apply excessive force to the side of seats equipped with side airbags.
- After a collision, even if the airbag did not deploy, and the pretensioner did not lock the seat belt, to ensure the normal operation of the airbag system, contact a BYD authorized dealer or service provider for inspection as soon as possible.
- If the vehicle is exposed to water (wet carpet or vehicle submerged in water) or damaged by water, do not start the vehicle and the low-voltage battery needs to be disconnected. 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 immediately.
- 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 while airbags provide minimal additional 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.

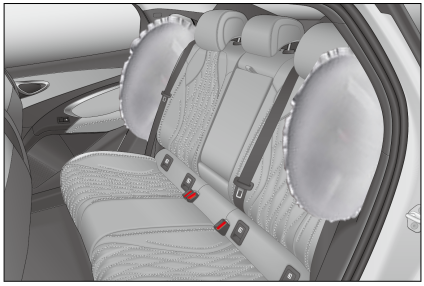
- The front passenger airbag is controlled by the passenger airbag (PAB) switch. For details, see ***P75***.

Seat Side Airbags*

If the vehicle is equipped with seat side airbags (mounted on the outside of seatback, marked with "AIRBAG" at both sides), 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 chest of the occupant on the side of collision 。

Front passenger side airbags

Rear passenger side airbags



Seat side airbags starting process

- Generally, only the airbag on the impacted side deploys in the event of a side impact.
- If the impact occurs on the passenger's side, the airbag on the passenger's 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.

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 cover replacements or covers may prevent airbag deployment in a collision.

Front far side airbag:

- The vehicle is equipped with a far side airbag, mounted in the inner edge of the driver's seat (marked with "AIRBAG"), as shown.

- When a moderate to severe front or side impact is detected during vehicle travel 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's side, the far side airbag deploys even if there is no passenger in the seat.

- For optimum protection from the driver far side airbag, the occupant must have the seat belt fastened and sit in an upright position.

Side Curtain Airbags*

- If your vehicle is equipped with left and right side curtain airbags, mounted at the junction of the side wall and the ceiling (marked with "AIRBAG" on the A, B and C pillars) as shown, they deploy during a moderate to severe side impact that occurs when the vehicle is running and meets the triggering conditions to protect the head of the occupant on the struck side.
- 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 against the seatback.

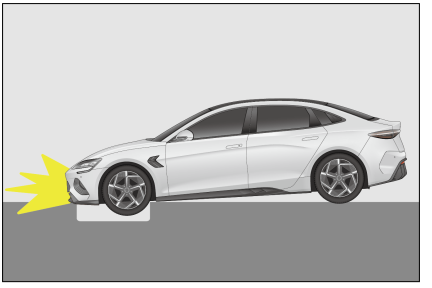
Airbag Triggering Conditions and Precautions

Airbag Triggering Conditions

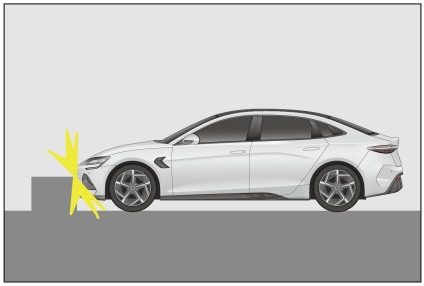
- Airbag triggering conditions: In the event of a vehicle collision, whether an airbag will be triggered is decided by factors such as the amount of collision energy, accident type, collision angle, obstacles and vehicle speed. The airbag system may be triggered in special collisions.
- The airbag system 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 Electronic Control Unit(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

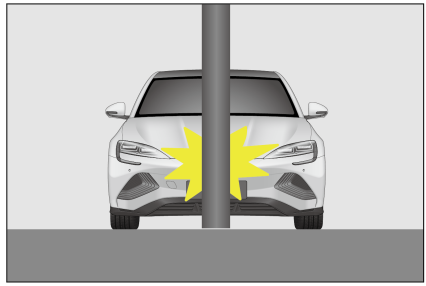
The vehicle's nose hits the ground when crossing a deep groove.



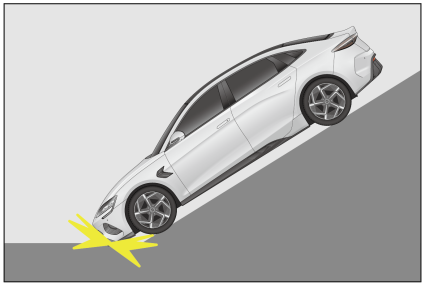
The vehicle hits a bump or curbstone.



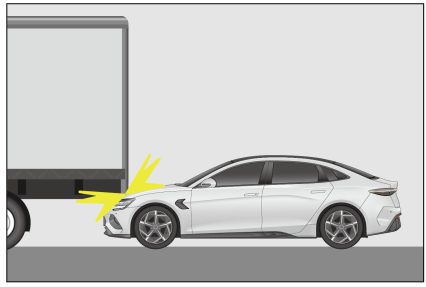
The vehicle's nose hits the ground when going down a steep slope.



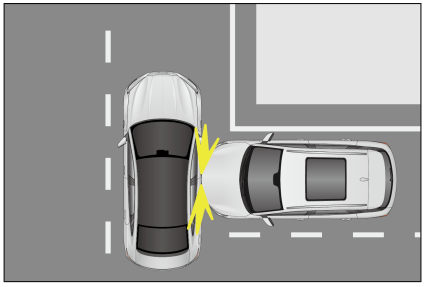
The vehicle goes under a truck or another large vehicle.



One side of the vehicle is hit by another vehicle.

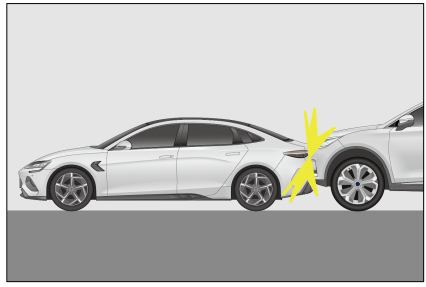


The tail of the vehicle is hit by another vehicle.

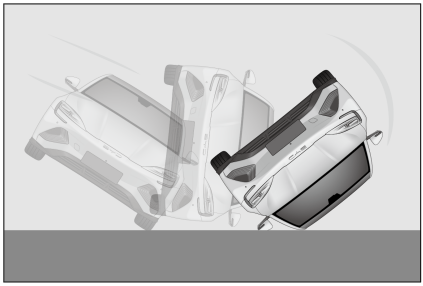


Cases When Airbags May Not Be Deployed

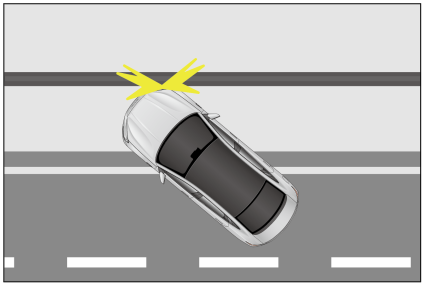
The vehicle hits a concrete column, tree, or other slim objects.



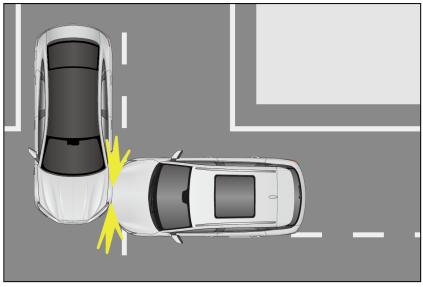
The vehicle rolls over.



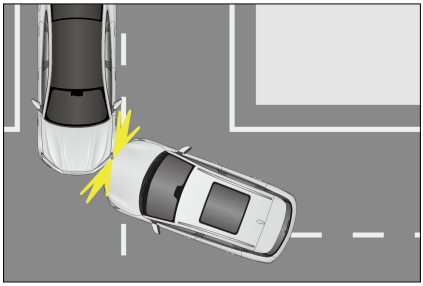
The vehicle hits a wall or a vehicle at a side other than the front side.



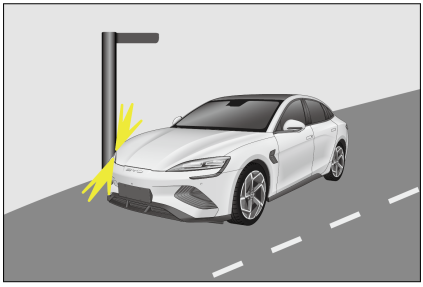
Parts other than the passenger compartment receive side impact.



The lateral side of the vehicle is hit diagonally.



The lateral side of the vehicle hits a columnar object.



WARNING

- Airbags are designed for specific models. Any changes to suspension, tire size, bumpers, chassis and factory-equipped devices may adversely affect the airbag system. Users must not use any parts of the airbag system on other vehicle models; doing so may lead to failure of the airbag system and even the personal injury.
- 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

WARNING

not fastened, and the occupant is leaning forward or sitting improperly, airbag deployment can increase the risk of injury.

- Do not paste stickers, cover or decorate the hub cover of the steering wheel, the right side surface of the dashboard or the surface of A, B and C pillar trims. Clean these surfaces with a dry or damp cloth without applying too much pressure.
- A child is not to be seated without protection, nor are they to ride sitting on a front passenger's lap, to prevent serious injury or even casualty caused by airbag deployment.
- Side airbags and side curtain airbags deploy quickly with high impact forces so that occupants must not lean against the door while the vehicle is in motion, as doing 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 vehicle ownership, make sure to pass on all of the vehicle's documents and keep the new ownership

WARNING

informed of airbag conditions and replacement dates.

- Do not modify or replace seats or trims of the seats with side airbags. These changes may prevent normal deployment of side airbags, and thereby cause airbag system failure or unintended deployment of side airbags, resulting in serious injury or death.
- Do not disassemble or repair the A-pillar trim, ceiling, B-pillar trim or C-pillar trim, which contain side curtain airbags. These changes can cause failure of the airbag system or accidental deployment of curtain airbags, which may cause serious injury or even death.
- Do not change any component of the airbag system, including any corresponding label. It is recommended that any operation done to the airbags be performed by a BYD authorized dealer or service provider.
- Airbags can only provide one-time accident protection. Once the airbag is triggered or damaged, the airbag system must be replaced.
- 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 surrounding electromagnetic fields. However, to avoid accidents, do not use the vehicle in an

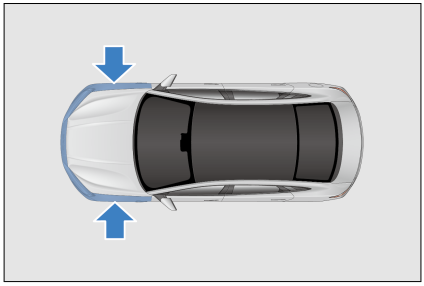
WARNING

electromagnetic environment that violates national regulations.

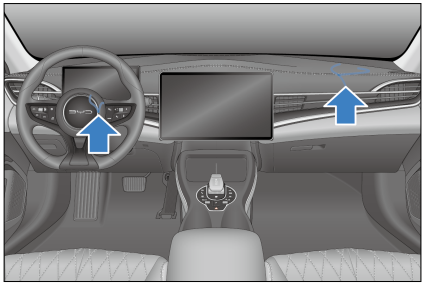
- The airbag system of this vehicle is designed with full consideration of domestic common misuses and road conditions. However, in order to avoid accidents, do not have the bottom of the vehicle impacted or drive roughly in harsh road conditions.
- This vehicle's airbag system has been fully verified to seamlessly match the vehicle's original wiring harness system. Any wiring harness modification or alteration may cause the airbags to deploy mistakenly under normal conditions or fail to deploy in the event of a collision.

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

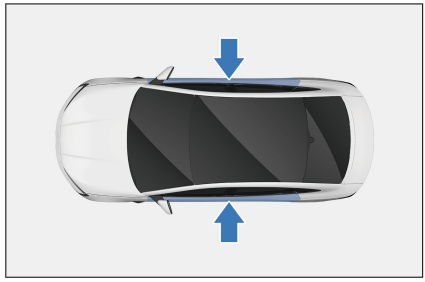
- Any airbag has deployed.
- Instrument cluster airbag warning light lights up abnormally.
- There is a collision with the front of the vehicle (highlighted area shown), but the airbags do not deploy.



- The airbag cover (highlighted area shown) has been scratched, cracked or otherwise damaged.



- There is a collision with the doors of the vehicle (highlighted area shown), but the airbags do not deploy.



- Airbags need to be removed, disassembled, installed or repaired.
- Side airbags and curtain airbags have deployed.
- 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.

WARNING

- 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.

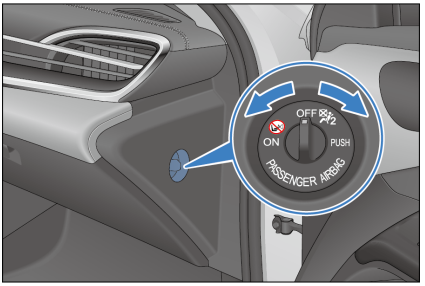
Children must use a suitable child restraint when traveling in the vehicle. Children should sit comfortably and safely. Make sure that the child restraint is positioned, mounted, and used correctly.

Important considerations for selecting a child restraint

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

Passenger airbag switch

- The switch is located on the front passenger side of the dashboard and is accessible when the passenger's door is open.
- See ***P75*** for details.



WARNING

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

Child Restraint System Anchorages

Front passenger seat

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

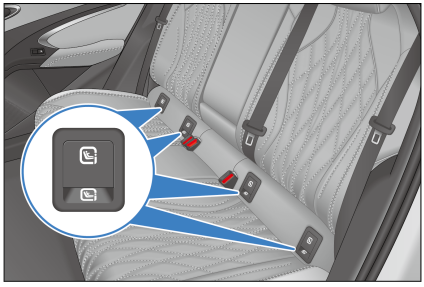
- The front passenger seat is equipped with tether strap anchorages on the back.

WARNING

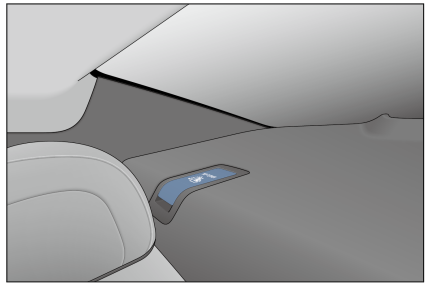
- Where applicable to use a top tether strap with the child restraint system, ensure the strap is routed through the hole in the head support before attaching and tensioning the strap to the anchorage point at the base of the seat.

Rear outboard seat

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



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



CAUTION

- Secure the top tether when installing the CRS.

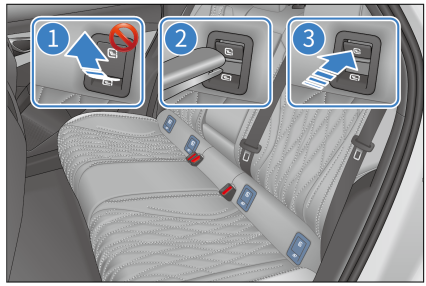
Installing Child Restraint Systems

Precautions

① Do not turn the anchorage lever trim cover outward.

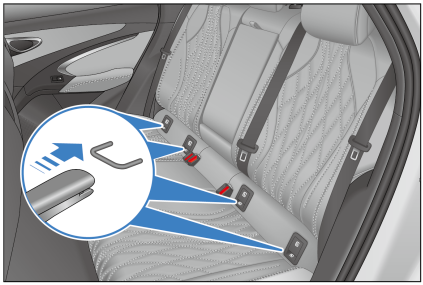
② Push the anchorage lever trim cover inward in use.

③ Press the upper part of anchorage lever trim cover to reset after use.



Installing child restraint systems:

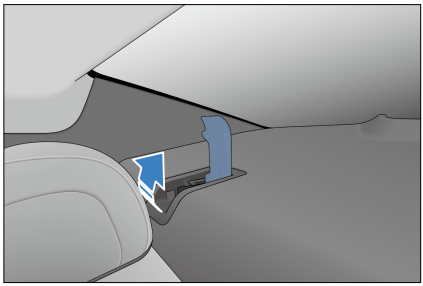
1. Open the anchorage lever trim cover and install the child restraint system to the seat.



REMINDER

- The anchorage lever is located on the bevel at the rear end of the seat cushion. It is visible when the lower part of the child seat trim cover is pressed. After the child seat is removed, the upper part of its cover needs to be pressed to return the cover.

2. Open the anchor support cover.

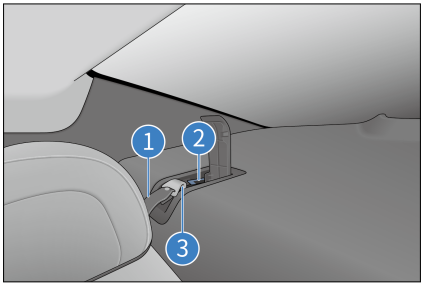


3. Fasten the snap hook to the anchor support and tighten the top tether to ensure the strap is buckled securely.

① Top tether

② Anchor support

③ Snap hook



WARNING

- Push/Pull the child restraint in different directions to ensure it is securely installed.
- When using the lower anchoring device, make sure that no foreign objects are around the anchoring device and that the seat belt is not stuck behind the child restraint; make sure that the child restraint is securely fixed. Otherwise, emergency parking or an accident may result in serious or even fatal injury to the child.
- Child restraint anchorages are designed to withstand only those loads imposed by correctly fitted child restraints. Under no circumstances are they to be used for adult seat belts, harnesses, or for attaching other items or equipment to the vehicle.

REMINDER

- If the child restraint system is equipped with a top tether, secure the tether to the anchorage.

- If the driver seat obstructs the correct installation of the CRS, install it on the right rear seat.
- Never install a rear-facing child restraint on the seat protected by a front airbag (in the activated 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 rear-facing child restraint system is dismounted from the front passenger seat.
- If necessary, adjust the front passenger seat backwards so that there is no contact between the child and vehicle interior.
- If necessary, the front passenger seatback and seating height 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 the guide fitting without kinking and is not bent over the edge of the guide fitting.

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

- If there is no front passenger, the front passenger seat can be adjusted to make sure there is enough space for the rear child seat.
- The head support can be adjusted or even removed to ensure that the vehicle seatback can safely support the child restraint system.
- When a child restraint is without seatback, never remove the head support from the vehicle and be sure to adjust it to locking position.
- When the top tether is used on a rear outboard seat, route it at the outside of each head support post.
- For more installation instructions, please read the instructions provided with your child restraint system.

Details on child restraint system installation:

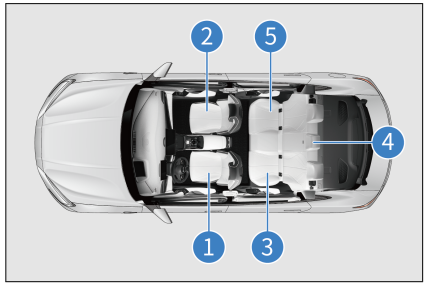
① Driver seat

② Front passenger seat

③ Rear left seat

④ Rear center seat

⑤ Rear right seat



Seat belt, ISOFIX or i-Size CRS installing options in the vehicle:

	Seating position					
		2				
	1	Front Passenger Airbag Activated [a]	Front Passenger Airbag Deactivated [a]	3 [b]	4 [b]	5 [b]
Seating position suitable for universal belt (Yes/No)	×	Yes Forward-facing only	Yes	Yes	Yes	Yes
i-Size seating position (Yes/No)	×	Yes Forward-facing only	Yes	Yes	No	Yes
Seating position suitable for lateral fixture (L1/L2/No)	×	No	No	No	No	No
Largest suitable rearward-facing fixture (R1/R2X/R2/R3/No)	×	No	R1/R2X/R2/R3	R1/R2X/R2/R3	No	R1/R2X/R2/R3
Largest suitable forward-facing fixture (F2X/F2/F3/No)	×	F2X/F2/F3	F2X/F2/F3	F2X/F2/F3	No	F2X/F2/F3

	Seating position					
		2				
	1	Front Passenger Airbag Activated [a]	Front Passenger Airbag Deactivated [a]	3 [b]	4 [b]	5 [b]
Largest suitable booster fixture	×	B2/B3	B2/B3	B2/B3	No	B2/B3
(B2/B3/No)						

[a] If needed, adjust the seat position and seatback angle.

[b] If needed, adjust or even remove the headrest. The front seats can be adjusted to ensure the child is not in contact with them.

×: seat position not suitable for installing a child restraint of this weight group

Child Restraint System (CRS) Recommendation

Choose a suitable child restraint system for your children according to their ages and statures.

- Recommended child restraint systems:

(Grouping of child stature according to standard of ECE R129)

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

[a]: Be sure to attach the seat belt through SecureGuard and XP-PAD.

Grouping of child weight according to ECE R44 standard

Child weight	Manufacturer	Child Restraint System	Comment
22-36 kg	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*

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 after 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, when armed, will raise an alarm* with flashing turn signals in any of the following situations:
  - Any door, trunk, or hood is opened without using the keyless access function of the smart key.
  - Use the mechanical key to unlock the vehicle.

Disarming the system

- Anti-theft alarm can be stopped by:
  - Unlocking the door with a valid smart key/NFC key.
  - Using the microswitch to unlock the door by carrying a valid smart key.
  - Opening the trunk remotely with a valid smart key.
  - 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 alarm system by means of alteration or addition, otherwise the system may fail.

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 (**System Settings** → **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 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 will not disclose your personal data to third parties unless 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 are 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, mobile devices can be connected and controlled through the vehicle's infotainment system.
- It may be necessary that the device's screen or audio is displayed/played through the infotainment system or transmitted to it.
- Additional data like positioning or vehicle information can be transmitted through applications for use in certain navigation systems, communication, or other third-party services.
- The specific type of data processing depends on the respective function and is controlled by the user or third parties such as the provider of the devices or corresponding services.

Internet access and connected services

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

Camera image recording/surrounding area monitoring

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

can be used to take footage of the surrounding (for example, dashcam).

- The vehicle may also be equipped with an inward-facing camera (IFC), which can be used to take footage inside the vehicle.
- Both OFC and IFC footage is stored.
- You are responsible to check the laws of your residence before turning on your OFC or IFC (for instance, in some countries consent is required for the use of IFC, and in others OFC is strictly restricted to dashcam purposes).
- For more camera details, see section "Panoramic View System" in this manual.

Permanent Vehicle Transfer to Third Parties and Offline Mode

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

Disclosure of Personal Data to Authorities

- BYD will not disclose your personal data to third parties unless 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 (for example, 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/region, such as 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

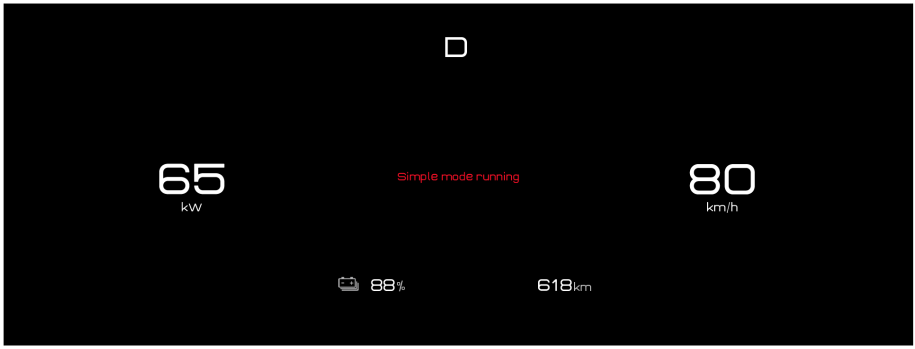
Instrument Cluster

1	Power meter	7	Direction
2	Time	8	Speedometer
3	Regenerative braking intensity	9	State of charge (SOC)
4	Gear status	10	OK button
5	Dynamic mode	11	Remaining driving range
6	Outside temperature	12	Total mileage (Mileage 1 and Mileage 2)

CAUTION

- For BYD SEAL, the instrument cluster is available in two themes, namely, classic and minimalist styles. Each theme has "Dark" and "Light" modes dedicated for day and nighttime respectively.

Instrument cluster view in simple mode



CAUTION

- 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 instrument cluster continues to display driving related information normally without affecting normal vehicle travel. After the system becomes normal, the instrument 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.

CAUTION

- 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
	High beam indicator		HMA indicator*

OK	OK indicator		Discharge indicator
	ICC indicator		Hill descend control indicator*
	AVH indicator		Exterior light switch indicator
ECO	Economic mode indicator light	SPORT	Sport mode indicator
NORMAL	Normal mode indicator		AEB indicator
	ACC speed indicator		ACC fault warning light
	Snow mode indicator		AVAS OFF indicator
	High-voltage battery low SOC warning light		AEB warning light
	Driver attention warning light*		Rear fog light indicator
	Tire pressure fault warning light		Smart key warning light
	ESC OFF warning light		Main alarm indicator
	ESC fault warning light		Headlight fault warning light
	ABS fault warning light		Driving power limit warning light

	BSD indicator*		Reversing radar fault prompt
	CPD indicator/warning light*		Steering system fault warning light
	PCW warning light (red)		High-voltage battery overheating warning light
	Motor overheating warning light		Motor coolant overheating indicator
	Powertrain fault warning light		Parking brake system fault warning light
	Seat belt reminder indicator		Airbag fault warning light
	EPB indicator		Low-voltage power system fault warning light
	TSR indicator		High-voltage battery fault warning light
	High-voltage battery charging connection indicator		Zero position indicator light

Indicators/Warning Lights Description

 Smart key warning light

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

 ABS fault warning light

- This warning light comes on when the ignition is on. If the anti-lock braking system (ABS) is working properly, the

light goes out in a few seconds. Thereafter, if the system fails, the light lights up again until the fault is cleared.

- When the ABS fault warning light is on (with the parking system fault warning light off), the braking system continues to operate whereas the ABS does not.
- When the ABS fault warning light is on (with the parking system fault warning light off), since the ABS 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

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

- If both the ABS indicator and braking system warning lights go on after the Electronic Parking Brake(EPB) is released, it indicates that the electronic brake-force distribution (EBD) system of the front and rear tires has also failed.

Tire pressure fault warning light

- This warning light comes on when the ignition is on. It turns off in a few seconds if the tire pressure monitoring system is working properly. If the system fails, this warning light turns on again.
- When the tire pressure fault warning light comes on or flashes, the message "Please check TPMS" is displayed on the instrument cluster, and the tire pressure is displayed as "---", it indicates that the tire pressure system is faulty.
- When the tire pressure value displays "No Signal", it indicates that the tire pressure signal at this location may be interfered or the tire pressure monitoring module is damaged.
- When the tire pressure fault warning light flashes rapidly and one or more values turn red on the tire pressure screen on the instrument cluster, the corresponding tire is leaking rapidly.
- When the tire pressure fault warning light is solid on and one or more values turn yellow on the tire pressure screen on the instrument cluster, the corresponding tire is in under-pressure condition. When the temperature value of one or more tires turns yellow, it indicates that the tire temperature is too high.

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

ESC fault warning light

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

REMINDER

- 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

- 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 ESC system is turned off at this time and braking will cause instability.

Driving power limit warning light

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

Headlight fault warning light

- When the warning light is yellow, it indicates the headlight is faulty, and it is recommended to bring the vehicle

to a BYD authorized dealer or service provider for inspection.

Blind spot detection (BSD) indicator

- When this indicator is on, it is recommended to bring the vehicle to a BYD authorized dealer or service provider for inspection.

Main alarm indicator

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

Driver attention warning (DAW) light

- Driver attention warning (DAW) system evaluates the driver's degree of fatigue by the vehicle operation status. The driver would be alerted 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 **ON** 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.

Seat belt reminder

- With the ignition switched on, if any passenger on the front seats or rear seats* has not buckled up, the seat belt reminder indicator lights up. It remains on until the seat belt is fastened.

Airbag fault warning light

- With the ignition switched on, this warning light turns on and then goes off in 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 during driving.

Parking system fault warning light

- When the brake fluid level is low and the braking system is faulty, this warning light lights up. If any of the following conditions occurs, immediately park the vehicle in a safe place. It is recommended to contact a BYD authorized dealer or service provider.
  - This warning light comes on when the ignition is switched on and the brake fluid level is low.
  - 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). Brief flashing is considered normal.

- Fault warning lights for parking brake and ABS come on simultaneously.

REMINDER

- When the brake fluid level is low, park the vehicle because it is dangerous to continue driving.

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.
- 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. The system will recover within 10 minutes.

WARNING

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

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.

Low-voltage power system fault warning light

- If this warning light turns on while driving, it indicates that there is a problem with the DC system or the low-voltage power system. Turn off devices such as the A/C, fan, and radio, and pull over the vehicle immediately if it is safe to do so. It is recommended

to contact a BYD authorized dealer or service provider for rescue as soon as possible.

 Powertrain fault warning light

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

CAUTION

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

 High-voltage battery overheating warning light

- If this warning light is on, it indicates that the high-voltage battery temperature is too high and the vehicle must be stopped to cool down. When the warning light flashes, it is recommended to immediately stop the vehicle safely and leave the vehicle as soon as possible.
- The high-voltage battery may overheat under the following operating conditions:
  - 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 has just been 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.

 PCW warning light (red)

- 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.

 Motor coolant overheating indicator

- If this indicator is solid on, it indicates that the motor coolant temperature is too high. Park the vehicle in a safe area until this indicator goes out.

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	Fault Prompt	Response
	Please check the OBC system	The on-board charging system is faulty. 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. Park the vehicle immediately, and contact a BYD authorized dealer or service provider.
	EV function limited	The EV function is limited. Contact a BYD authorized dealer or service provider immediately.
	EV function limited	The EV function is limited. Contact a BYD authorized dealer or service provider immediately.
	Please check the headlamp system	The headlight is faulty. In this case, contact a BYD authorized dealer or service provider.
	ADAS function limited*	The predictive collision warning (PCW) and automatic emergency braking (AEB) systems are faulty. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.
	ADAS function limited*	The blind spot assist system is faulty. Park the vehicle, and contact a BYD authorized dealer or service provider.
	ADAS function limited*	The lane departure assist system is faulty. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.
	Please check the gear system*	The shifter controller is faulty. Park the vehicle immediately, and contact a BYD authorized dealer or service provider.

03 CONTROLLER OPERATION

Doors and Keys

Keys

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

Electronic Smart Key

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

① Lock button

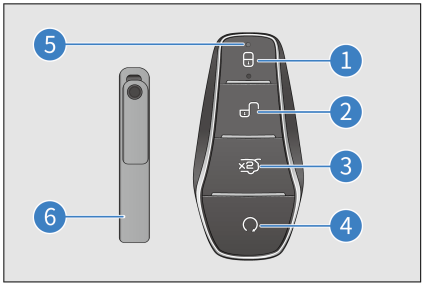
② Unlock button

③ Trunk release button

④ Start/Stop button

⑤ Indicator

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.
- 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 place the smart key in a position exposed to high temperature, such as on the dashboard.
  - Do not tamper with the smart key.
  - Do not hit other objects with the smart key or drop it.
  - Do not 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.

CAUTION

- If the electronic smart key cannot operate the door within the normal distance, or the key indicator light is dim or off:
  - Check for nearby radio stations or airport radio transmitters that interfere with the normal operation of electronic smart keys.
  - The battery of an electronic smart key may be exhausted. Check the battery inside the electronic smart key. It is recommended to contact a BYD authorized dealer or service provider for inspection as soon as possible.
- If you lose your smart key, it is recommended to contact a BYD authorized dealer or service 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 cause harmful interference to legitimate radio communication services when used; once there is interference, stop using and mining immediately.
- 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.

CAUTION

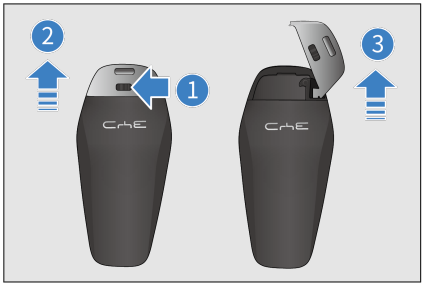
- When leaving the vehicle, always carry your key and lock the vehicle. Never leave anyone (especially children) alone in the vehicle.
- People implanted with pacemakers or defibrillators should stay away from the detection antennas of intelligent entry and start systems, as electromagnetic waves can 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.

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 arrow① and push the back cover of the electronic smart key in the direction of arrow②, 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 arrow③ to take out the mechanical key, as shown in the figure.



- After using the mechanical key, insert it in the opposite direction and close the back cover of the smart key.

NFC Key Card*

- The NFC key card, based on the near field communication method, can be used to unlock/lock the vehicle and authorize vehicle start.
- Place the NFC key at the mark on the driver's side mirror to unlock/lock all the doors.
- Place the NFC key on the NFC area at the front of the center console to authorize the motor start.

CAUTION

-
- NFC 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.
  - Do not place the NFC card in a position exposed to high temperature, such as on the dashboard.

CAUTION

- Do not bend the card with force.
- Do not place the card with other hard objects.

- NFC 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.
- It is recommended to carry the NFC card at all times to avoid situations where you may be unable to use the vehicle due to loss or malfunction of your phone or smart key.
- 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 a BYD authorized dealer or service provider for blocking of the lost card and re-configuration is recommended.

NFC Digital Key*

- NFC digital key is a function provided by BYD for users. You can register mobile phones or wearable devices as vehicle keys to unlock, lock and start the vehicle.
- Before activating the NFC digital key, observe the following conditions:
  - The vehicle has been equipped with BYD Cloud Service.
  - The vehicle supports NFC digital key.
  - Your smartphone or wearable device supports BYD NFC digital key (contact a BYD authorized dealer or service provider for device compatibility).

Activating the NFC digital key of mobile phone

Before activating, start the vehicle and shift into "P" with a valid smart key. There are three ways:

- Via BYD App:
  - Download and log into the BYD app in the APP store. Tap **Digital Key** to enable the function according to the instructions.
- Via email links:
  - Log in to the email account reserved when purchasing the vehicle on the phone, and activate the digital key according to the instructions in the email from bydapp@byd.auto.
- Via the infotainment touchscreen:
  - On the infotainment touchscreen, tap → **Vehicle** → **Locks** → **Digital key** to activate the key according to the instructions.

Activating the NFC digital key of wearable device

Supported wearable devices include Apple Watch (consult a BYD authorized dealer or service provider for other supported devices), and there are two ways of activation:

- Synchronize the key from iPhone to Apple Watch:
  - Wear an unlocked Apple Watch and activate the iPhone digital key. After activation, iPhone synchronously prompts to add a digital key on the nearby bound Apple Watch. Activate it according to the instructions.
- Via Watch App:
  - This method is applicable when the iPhone digital key is activated but not synchronized to the Apple Watch. Open the Watch on the iPhone, select "Wallet", find the corresponding key and tap "Add" to activate the key according to the instructions.

Using the NFC digital key

When using the NFC digital key, enable the NFC function of the mobile phone or wearable device. Here is how to use:

- Carry a mobile phone or wearable device with a valid NFC digital key, put its NFC antenna area close to the NFC sign on the driver's side mirror, and unlock or lock the vehicle. Consult the manufacturers for details of the NFC antenna area.
- Place the mobile phone or wearable device at the NFC sign in the vehicle to obtain the vehicle start permission.

CAUTION

- With permission, start the vehicle as soon as possible. If the vehicle is not started in time, place the mobile phone or wearable device at the NFC sign again to obtain the permission.

Removing the NFC digital key

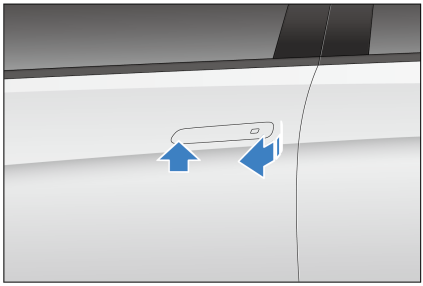
There are three ways:

- Via BYD App:
  - Open BYD App, enter the digital key management page, tap the key to be removed, and enter the operation password to remove it.
- Via the infotainment touchscreen:
  - With a valid smart key, go to the infotainment touchscreen → → **Vehicle** → **Locks** → **Digital key** to remove the key according to the instructions.
- Via Wallet:
  - Open the Wallet on the phone, select the digital key, and remove it according to the instructions.

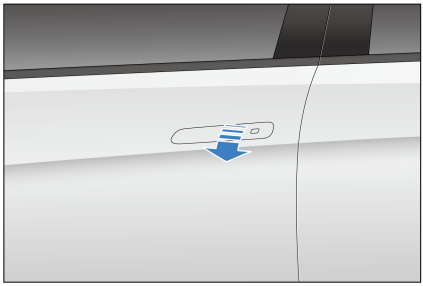
Locking/Unlocking Doors

Locking/Unlocking with Mechanical Key

1. Push the left side of a hidden door handle, and turn the right side to get a finger height, holding it by a hand.

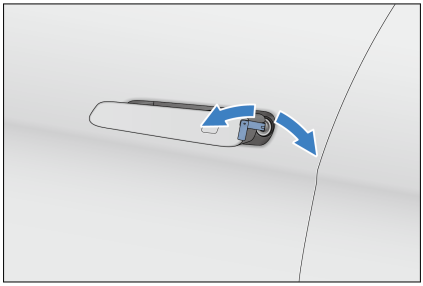


2. Once the right side is extended, pull the middle of the handle outward to extend the handle.



3. Insert the mechanical key into the hole and turn the key.

- Unlock the driver's side door by turning the key clockwise.
- Lock the driver's side door by turning the key counterclockwise.

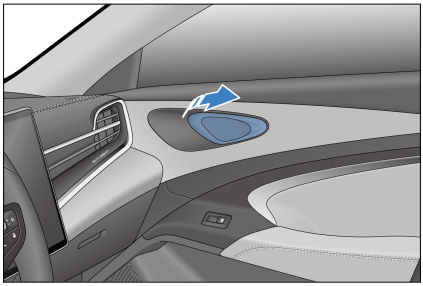


CAUTION

- After pulling out the mechanical key, pull the driver's door handle to open the door.

Opening with Interior Door Handle

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



WARNING

- Don’ t let children play with the pull handle in case the door being accidently opened when driving then cause accidents.
- When a child is in the vehicle, make sure to enable the child protection lock function.

CAUTION

- Due to the child protection lock function, the rear doors can only be opened when the child protection lock is unlocked, or it cannot be opened from inside the vehicle.

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.
- In the active area, press the associated button on the registered smart key to lock or unlock all doors.

Locking:

- When all the doors, the hood and the trunk lid are closed, press the lock button to lock all the doors. The hidden door handles fold automatically. If the vehicle is shut down, the side mirrors will fold (when the Auto-Fold is enabled) 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 any door is unlocked, the side mirrors do not fold, the turn signals do not flash, the door handles do not fold and the alarm sounds once.
  - If the hood or trunk is not closed, the side mirrors do not fold*, the turn signals do not flash, and the alarm sounds once.

Unlocking:

- Press the unlock button. All doors are unlocked, the hidden door handles* automatically extend, and the turn signal flashes twice.
- Unlocking all doors with the smart key may turn on interior lights and keep them on for 15 seconds then go out (when the interior light "DOOR" switched is turned on on the infotainment touchscreen), even if no door is opened.
- If the anti-theft alarm system is armed, open any door within 30 seconds after unlocking with the smart key, or all doors will relock automatically and the four door handles retract*.

Finding the Vehicle with Smart Key

- With the anti-theft alarm system armed, pressing the lock button sounds a beep and makes 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.

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

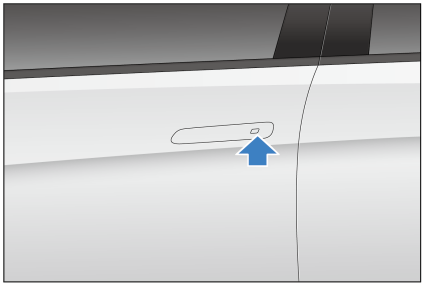
CAUTION

- 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.

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, then all doors lock at the same time. The hidden door handles fold automatically. If the vehicle is shut down, the side mirrors will fold (when the Auto-Fold is enabled) 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 any door is unlocked, the side mirrors do not fold, the turn signals do not flash, the door handles do not fold and the alarm sounds once.

- If the hood or trunk is not closed, the side mirrors do not fold*, the turn signals do not flash, and the alarm sounds once.

Unlocking

- When the vehicle is locked, press the microswitch on the front door handle while carrying the smart key. All doors unlock at the same time. The hidden door handle extends automatically and the turn signal flashes twice.

- If the anti-theft alarm system is armed, open a door within 30 seconds after the unlocking, or all doors will relock automatically and the four door handles retract*.

- Pressing the microswitch does not work if:
  - This is performed while a door is being opened or closed.
  - The key is left in the vehicle.

REMINDER

- If the electronic 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 (By default, lifting the window function is activated and lowering the window function is closed).

- To enable or disable microswitch lifting/lowering window function, go to infotainment touchscreen → → → Vehicle Settings → Window and Lock.

Locking/Unlocking the Trunk

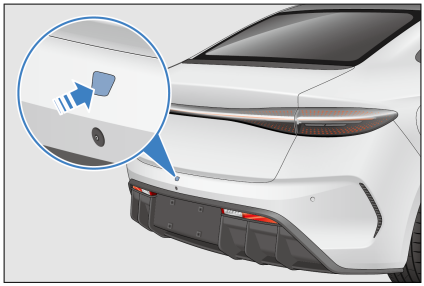
Opening the trunk with smart key

Double-press the trunk release button on the smart key. The turn signals then flash twice.

- Anti-forget key
  - If the key is placed in the vehicle or in the trunk with the vehicle locked, when you close the trunk, the vehicle automatically unlocks and the turn signals flash twice.

Unlocking the trunk with microswitch

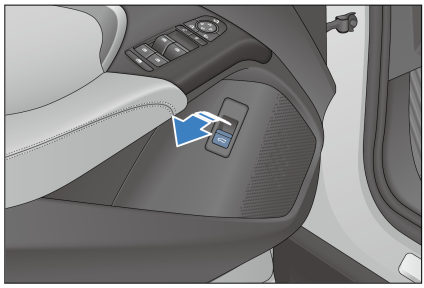
- With the vehicle locked, press the rear microswitch while carrying a valid key to unlock the trunk.
- With the vehicle unlocked, press the rear microswitch to open the trunk.



Opening the trunk from inside

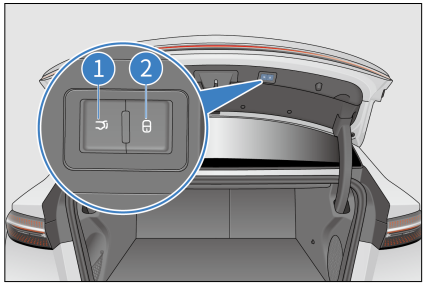
With the vehicle unlocked, pull up the electrical trunk lid button to open the lid.

- If the vehicle speed is greater than 3 km/h, the trunk lid cannot be opened by pulling up the button.



① Trunk lid close button*

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



② Vehicle lock button*

- When the ignition is off, pressing the lock switch while carrying a valid smart key closes the trunk, locks the entire vehicle, and arms the anti-theft alarm system.
- Before closing the electronically, make sure doors, windows and sunroof are properly closed to avoid property loss.

Emergency trunk releasing from inside

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 set to the current position.
- Set the trunk opening height by going to the infotainment touchscreen → → **Vehicle** → **Locks**.

Anti-pinch function

If the trunk receives a hindering force while it is closing, it will automatically switch to the opposite direction. If it receives a hindering force while it is opening, it will halt.

When the trunk fails to act automatically

Close the trunk manually for recovery.

Reconnecting the low-voltage battery

Close the trunk manually to ensure the power trunk lid functions normally.

WARNING

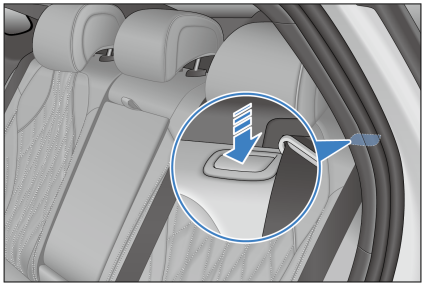
- In order to prevent serious injury and even death, make sure to observe the following precautions when operating the trunk:
  - Never try to deliberately activate the anti-pinch function with any part of your body.
  - Make sure the people nearby are safe and alert them of the lid motion.
  - Make sure hands and fingers are clear from the lid area when it is closing.

WARNING

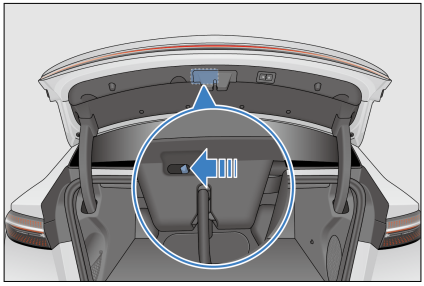
- Make sure the surrounding area is safe when opening or closing the trunk.
- Make sure the trunk lid is properly closed when the vehicle is in motion.
- Make sure to remove any ice or snow from the area before opening the trunk, otherwise the lid may close again.
- Do not manually interfere in lid motion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

Emergency Trunk Releasing from the Inside

1. Pull up the folding release clasp on the seat back to fold the rear seat back.



2. There is an emergency unlocking mechanism on the lid cover, open the lid cover in the vehicle by pulling the emergency opening lever on the left (as shown in the figure).



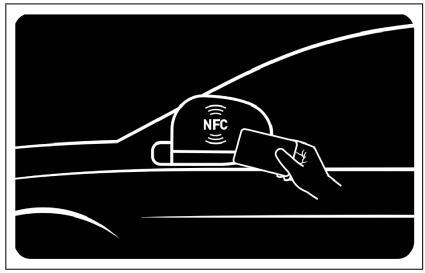
REMINDER

- When the entire vehicle is powered off, the trunk can be unlocked from inside the vehicle.

Locking/Unlocking with NFC Card*

Locking

- When doors are closed but unlocked, hold the NFC key close to the designated area on the driver's side mirror. All doors are locked at the same time with turn signals flashing once. The turn signals flash once when the vehicle is powered off.



Unlocking

- With the anti-theft alarm system armed, hold the NFC key close to the designated area on the driver's side mirror to simultaneously unlock all the doors. The turn signals flash twice.
- After the unlocking, user activation permission is provided for a while and is revoked when the ignition is switched off.
- The locking/unlocking function is invalid if the NFC key is placed close to the designated area on the driver side mirror while doors are being opened or closed.
- To use the NFC digital key on the phone, enable the NFC function of the phone and hold the top back part of the phone close to the designated area on the driver side mirror.

REMINDER

- After unlocking the vehicle in anti-theft mode with the NFC key, open any door within 30 seconds. or all doors will relock automatically.
- The NFC digital key may not work on some phones when they are turned off.
- Avoid using the NFC digital key of your phone for extended periods

REMINDER

or frequently when it is out of battery or turned off.

Locking/Unlocking with Central Locking

Locking or unlocking the vehicle with the central locking

See ***P72*** 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. All doors unlock automatically.

Locking/unlocking all doors concurrently

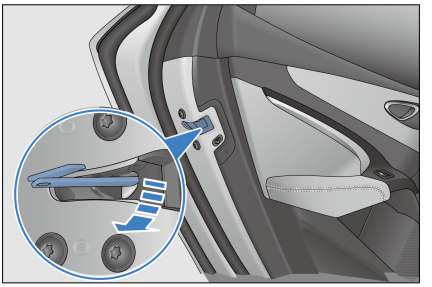
- When the vehicle is not in anti-theft mode, the backlight of the central locking button turns on if the vehicle is locked and turns off if the vehicle is unlocked.
- Pressing the central locking button locks all doors so that any attempt to open any door from the outside fails. At this time, pull the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

REMINDER

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

Emergency Locking with Mechanical Key

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



REMINDER

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

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

REMINDER

- If the electronic smart key is too close to an exterior door handle or

REMINDER

window, it may not be possible to activate the entry function.

Start-up

With the smart key inside, press the brake pedal and the START/STOP button to start the vehicle. (See ***P107***.)

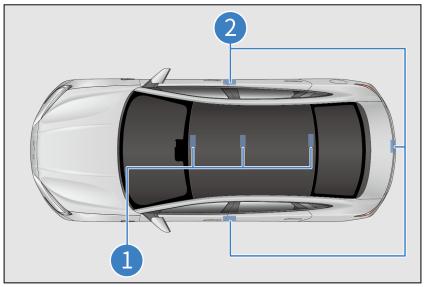
CAUTION

- Do not touch the power button while driving.

Antenna Positions

① Interior detection antenna

② Exterior detection antenna



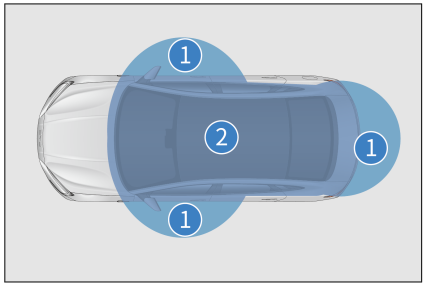
Active Area

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

① Active area of the access function: about 1 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 any metal object.
- The door handle is operated too quickly.
- 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 on the instrument cluster lights up, and the instrument cluster displays the message "Smart key power is low. Please replace the battery as soon as possible", the battery of the key may be exhausted.
- If the smart access and 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

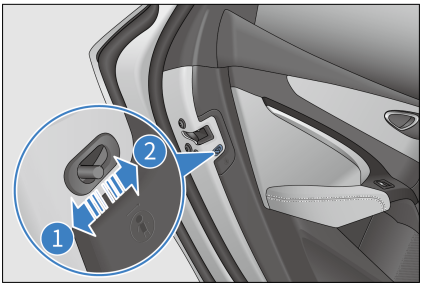
Child Protection Lock

Configuration I

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 Deactivating the child protection lock

② Activating the child protection lock



Activating the child protection lock

- Move the latch in the direction of arrow② to turn on the child protection lock. The door cannot be opened from inside. Use the exterior door handle to open this door.

Deactivating the child protection lock

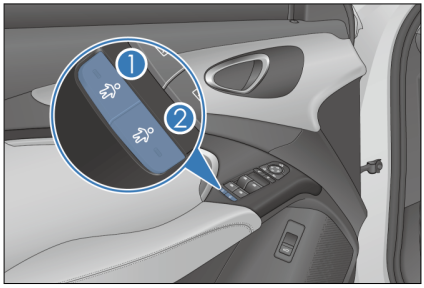
- Move the latch in the direction of arrow① to turn off the child protection lock. The door can be opened from inside.

Configuration II

Child protection locks on the driver door switches are designed to prevent children sitting in the rear seats from inadvertently opening the rear doors.

① Child protection lock for the rear left door

② Child protection lock for the rear right door



To activate child protection locks, press the child protection lock button① or②. The corresponding indicator lights up. At this time, the occupants cannot open the rear door on the corresponding side. To unlock the door, press the child protection lock button for the corresponding side again or use the exterior door handle.

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.
- After the child protection lock is locked, doors cannot be opened from inside the car, and the window switch for the corresponding rear door cannot be used to raise or lower the window.

Seats

Seat Precautions

- Adjust the driver's seat so that the pedals, steering wheel, and dashboard controls are within the driver's easy control.
- While driving, the most effective safeguard is to keep the seatback upright, always rest well on the seatback, and adjust 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, in the trunk, or on cargo is prohibited. Improper seating position or improperly fastened seat belts can result in personal injuries 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, 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.

WARNING

- After adjusting the seatback, lean back to confirm the seatback is locked. Seatbacks that are not fully locked can cause personal injuries in an accident or during emergency braking.
- Do not put the seatback down while driving or riding in the vehicle. This makes the shoulder strap of the seat belt not properly attached to the body. As a result, occupants in the vehicle could hit the strap in an accident, causing injuries to the neck or other parts; or they may slip out of the waist belt, resulting in other serious injuries.
- Do not adjust the driver's seat while the vehicle is in motion, as unpredictable seat movement can cause the loss of vehicle control.
- Do not drive the vehicle until occupants are seated properly.

CAUTION

- Adjust the seat position before fastening the seat belt.
- While adjusting a seat, do not let it hit against any passenger or the luggage.

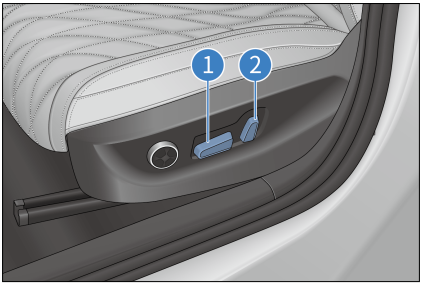
Adjusting Front Seats

Adjusting Front Seat with Power

Power front seat adjustments include seat position, seating height*, seating* and seatback angles. Choose the following methods according to the actual configuration of your vehicle.

① Seat position adjustment switch

- Move the seat position adjustment switch back or forth to slide the seat backward or forward.
- Move the front end of the switch up or down to change the seat base angle.
- Move the rear end of the switch up or down to adjust the height of the seat cushion.



② Seatback angle adjustment switch

- Toggle the the seatback angle adjustment switch front and back to adjust the seat back angle.

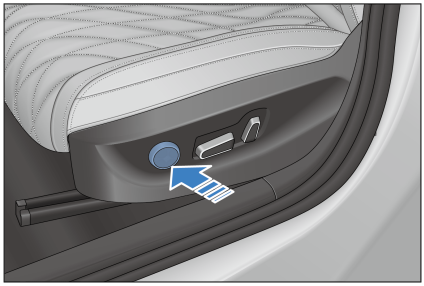
REMINDER

- Releasing the switch stops the seat in this position. Do not place anything under the seat as this may prevent the seat from operating.
- Do not move the front seats too far forward to avoid contact with the roof or sun visor.

Lumbar Support Adjustment*

The seatback profile can be adjusted to fit the curvature of the occupant's 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.



Memory System*

Memory switch position

- You can set two seat positions to be memorized on the infotainment touchscreen by tapping → **Vehicle** → **Seats** → **Seat adjustment**.

Memory setting function

- Memory setting conditions
  - The ignition has been switched on and the vehicle speed is zero.
  - Seats and side mirrors have been adjusted to the desired positions.
  - No actions are performed by the seats and side mirrors.
- Memory setting method
  - Press and hold any position button on the seat memory setting interface. Then the positions of the seats and side mirrors will be recorded, and the memory setting finishes.

REMINDER

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

Memory wake-up function

Memory wake-up function with the ignition on

- When the vehicle is in Park, the driver's seat memory system and side mirrors will perform memory recall when the memory system switch is tapped if the following conditions are met:
  - The vehicle is not in anti-theft mode.
  - The vehicle speed is zero.
  - Memory switch signals are valid.
  - No actions are performed by the seats and side mirrors.
- You can interrupt the current memory wake-up operation by the following ways:
  - Press or toggle any of the driver's seat adjustment switches.
  - Tap any position button on the seat memory setting interface of the infotainment system.

WARNING

- Ensure there are no obstacles around the seat before activating the seat memory wake-up function.
- Ensure that no part of your body is within the seat's movement range during the seat memory wake-up process.
- Do not allow children to operate the memory switches to prevent any injury during seat movement.

Automatic driver seat

- Automatic back
  - 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 is switched from "START" to "STOP" and the driver's door is opened.

- Automatic forward
  - When the vehicle power is switched 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.
- User settings
  - To enable or disable the automatic driver seat, go to infotainment touchscreen → → → **Vehicle** → **Comfortable Use**.
  - The automatic driver seat function can be interrupted by closing the driver's door while the seat is moving backward or by opening the driver's door while the seat is moving forward.

Heating and Ventilation System*

- To enable or disable the heating & ventilation function, go to infotainment touchscreen → → A/C → Seat Operation.
- Tap "Drop-down" on the homepage of the infotainment system to operate the seat heating and ventilation setting buttons.

Heating system adjustment

- Seat heating: Control the operation mode of the heating pad by using the seat heating switch. The heating function has two modes.
  - After each power-on, the driver's seat remembers the last mode, and the initial heating state of the passenger's seat is Off.
  - Press the switch to select the operation mode of the seat heater in the 1st gear or 2nd gear.
  - Press the OFF gear to deactivate the heating function.

Ventilation adjustment

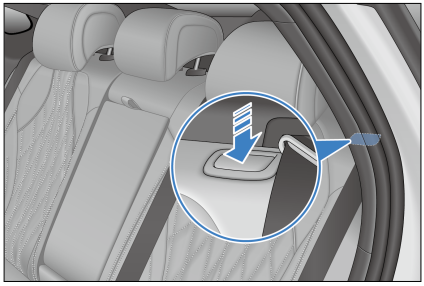
- Seat ventilation: Control the operation mode of the ventilation fan by using the seat ventilation switch. Seat ventilation has two modes.
  - After each power-on, the driver's seat remembers the last mode, and the initial ventilation state of the passenger's seat is Off.
  - Press the switch to select the operation mode of the seat ventilation in the 1st gear or 2nd gear.
  - Press the OFF gear to deactivate the ventilation function.

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.

Folding Rear Seats

Pull up the folding release clasp on the seatback to fold the rear seatback.



CAUTION

- Fold or unfold the rear seats at a moderate speed. Avoid quickly lowering or pulling up seatbacks to prevent damage to or malfunction of rear seats and the seat belts.
- Ensure that the seat belts are not stuck between the rear seats when folding or unfolding them, or the seats and belts may be damged.

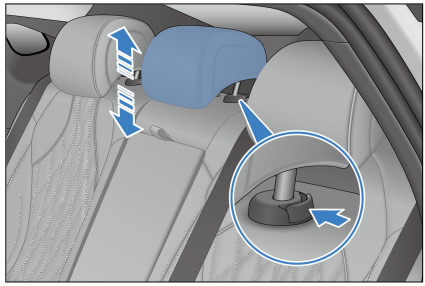
Rear Seat Head Supports

Lifting head supports

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

Lowering head supports

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



Removing head supports

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

Installing head supports

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

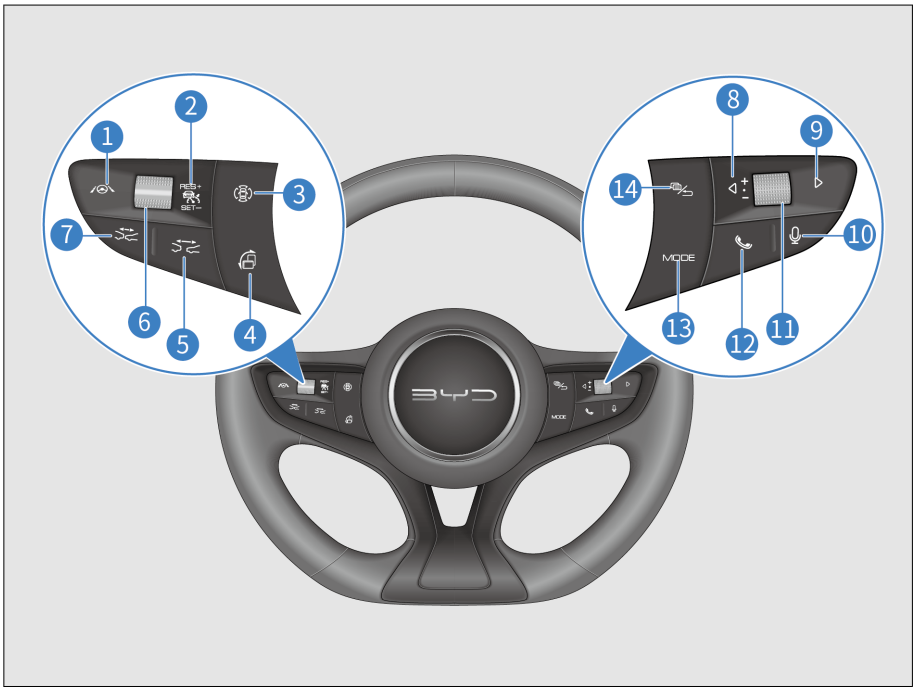
REMINDER

- To avoid any injury to heads and shoulders of the occupants, align the occupant's ear tip line with the center of the head support when adjusting the head support height.
- After the adjustment, press down the head support to make sure that it is locked.
- Do not drive the vehicle without head supports.
- Do not attach any objects to the head support post.

Steering Wheel

Steering Wheel

Steering Wheel Switches



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

Left-hand buttons

Cruise 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.

CAUTION

- For instructions on using cruise control, see ***P114***.

Screen mode

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

Panoramic view

- Turns panoramic view off in panoramic view mode, turns it on when it is not in the mode.

ADAS button

- Turns ICC on or off.

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 buttons

- 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 a second time to exit the screen.

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 button

- 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

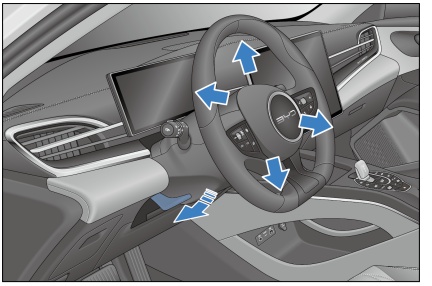
- Avoid pressing honking for too long, as the horn may be damaged.

REMINDER

- Observe the traffic laws and use the horn properly.

Adjusting the Steering Wheel Manually

- To adjust the steering wheel position, hold it and operate as follows:
  - Push down the steering wheel adjustment handle, adjust the steering wheel to the desired position, and then return the handle to its original position.



REMINDER

- 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.

Steering Assist Mode Settings

- The steering feel varies from person to person, and so do the evaluation and needs for this feel.
- You can select **Comfortable** or **Sport** in infotainment touchscreen → → **Vehicle** → **Intelligent Chassis** → **Steering Assist Mode**.

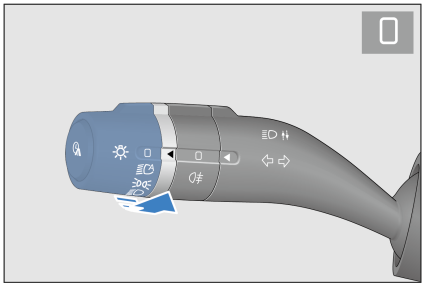
REMINDER

- When the vehicle is running at a high speed, if the steering wheel feels light, set the steering assist mode to "Sports" mode.

Switches

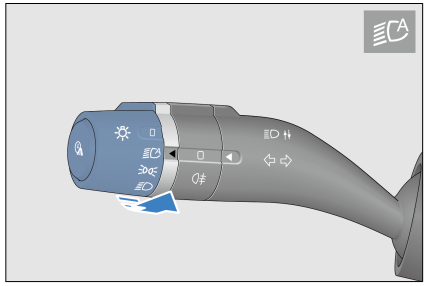
Light Switches

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



Auto lights

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

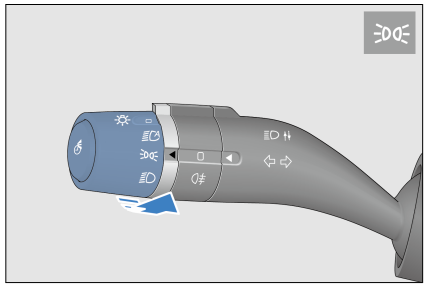


REMINDER

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

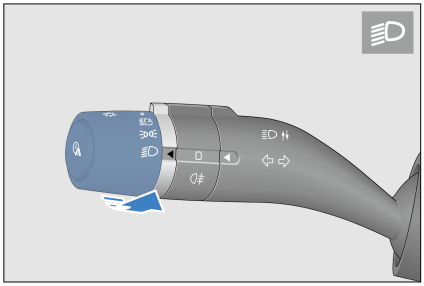
Position lights

Set the light switch to to turn on the front and rear position lights and the license plate light.



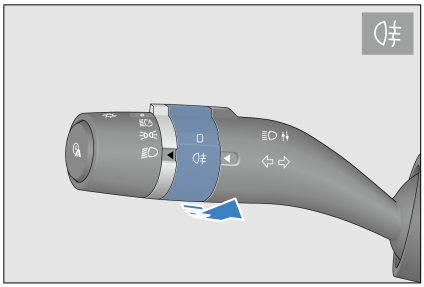
Low beam

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



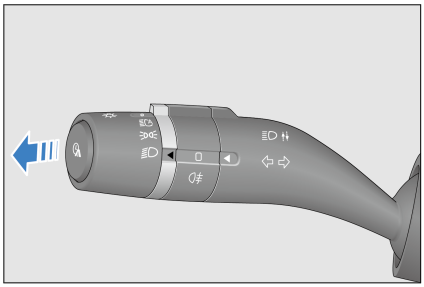
Rear fog lights

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



High beam

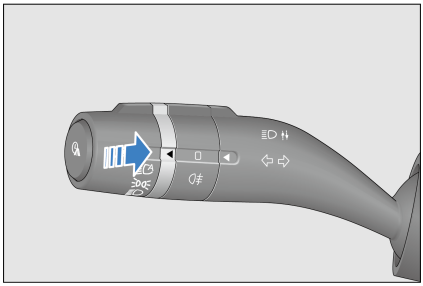
Set the light switch to and push the light switch lever down (away from the steering wheel) to turn on the high beam.



Overtaking light

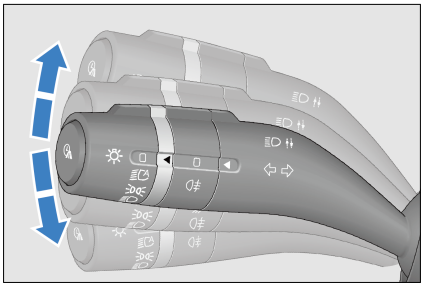
Pull up the lever (toward the steering wheel) to turn on the overtaking light.

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.



CAUTION

- Once turned on, turn signals continue flashing even after the handle is released. They will turn off after the vehicle goes around the bend. 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.
- With the function is activated, the headlight, position light, rear fog light and high beam 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.

Advanced turn-on/delayed turn-off (Follow me home)* of headlights

- Delayed turn-off of headlights:
  - When the combination switch is turned to , or and you are about to leave the vehicle and set the power mode to "OFF", execute the "Follow me home" function, corresponding lights will light up for 10s (or a set time) and the light off.
- Advanced turn-on of headlights:
  - When the combination switch is turned to , or and you approach and unlock the vehicle to execute the "Follow me home" function, corresponding lights will light up for 10s (or a set time).

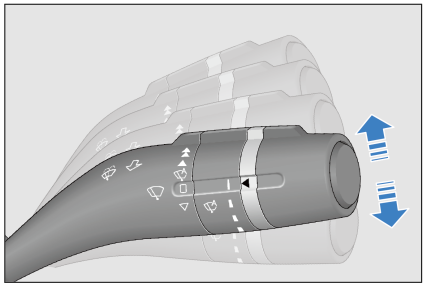
CAUTION

- The time for the advanced turn-on/delayed turn-off of the headlights is 10s by default, but you can change it in the infotainment interface.

Wiper Switch

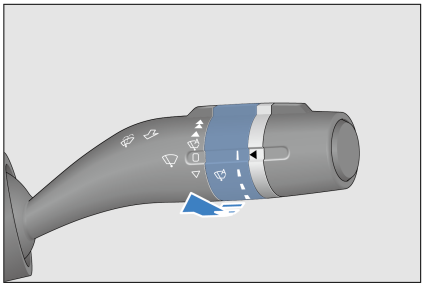
Front Windshield Wipers and Washer

- Push up or pull down the lever to change the mode. It has five modes:
  - : Fast.
  - : Slow.
  - : Auto/Intermittent wipers
  - : OFF
  - : Point-wiping (pulling down the lever from and the wipers wipe at a low speed until you release the lever).



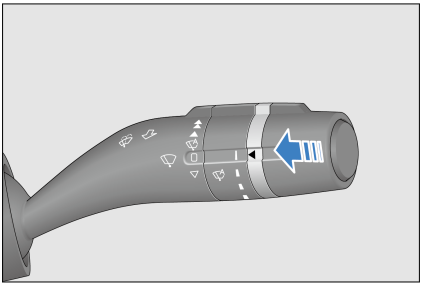
Auto/Intermittent wipers

- The rain sensor automatically controls the operation mode of wipers based on the rainfall, and it is located in front of the interior rearview mirror on the front windshield inside the vehicle.
- To use the automatic wiper function, turn the wiper switch to the automatic mode, go to infotainment touchscreen → → **Vehicle** → **Greeting** and toggle **Auto Wiper** on.
- To use the intermittent wiper function, turn the wiper switch to the automatic mode, and toggle Automatic Wiper off in infotainment touchscreen → → **Vehicle** → **Greeting**.
- Turn the knob to change the rain sensor sensitivity based on real-time rain conditions. A total of four levels are available.
  - Up: Reduce rain sensor sensitivity.
  - Down: Increase rain sensor sensitivity.



Front windshield wipers and washer

- To clean the front windshield, pull the wiper switch lever backward (towards the steering wheel) so that the washer sprays washing fluid while the wipers operate.
- The washer spray will stop when the stick is released, and the wipers will operate twice then stop.



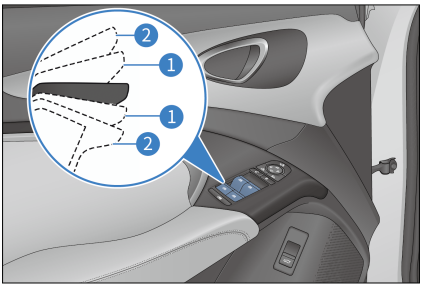
Driver's Door Switches

Power Window Switches

- When the ignition is on, all the window switches can roll up or down the window. After the vehicle is powered OFF, no power windows can be regulated.

Window Control Switch on Passenger Side

There are two gears of window control: ① and ②, as shown in the figure.



Manual operation

- Press/Pull the window control switch to ① positions and hold (for vehicles without anti-pinch function, directly press/pull and hold the switch) to lower/raise the window, and release the switch to stop the window.

Auto lifting

- Press or pull the window control switch to position ② and release

to automatically lower or raise the associated window all the way.

Anti-pinch function

- The anti-pinch function automatically stops the window glass from closing and withdraws it a certain distance, if an obstruction is sensed while the window is closing.

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

REMINDER

- Never try to deliberately activate the anti-pinch function with any part of your body.
- The anti-pinch function may not work if an object is jammed into the window when it is almost completely closed.
- Windows with anti-pinch function can be opened or closed* by BYD assistant (see ***P154***).

Automatic window rolling-up and anti-pinch failure

- If the window working indicator flashes, the automatic window closes and anti-pinch functions fail, follow the steps given below to restore the functions.
  - Pull up and hold the manual closing gear of the regulator switch to allow the window to lift to the top position and keep the window stall at the top position for 400 ms, until the switch indicator changes from flashing to staying on. This means that initialization has been completed. The anti-pinch module has all functions except the soft stop function. When the window glass runs down to the locked rotation (400 ms), it has a soft stop function.

Delay function

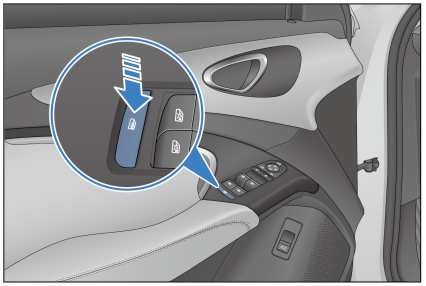
- After the vehicle is powered off, if the front doors are not open, the four-door window controller has a 10min roll-up/down delay period. During this period, the windows can still be rolled up and down. If either of the front doors is opened during this period, the delay function is canceled, and the switches can no longer be used to operate the windows.

WARNING

- Before closing a power window, ensure passengers' hands are not placed upon the window glass; pinching of hands or fingers can result in serious injuries.

Window lock button

- After pressing the "window lock" button, the driver can control the windows on the four doors, and the window regulator switches on the rear passenger sides are turned off with indicators off at the same time.



Central Locking

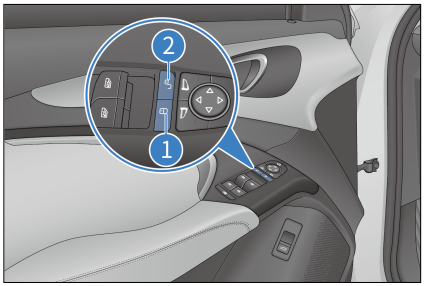
The driver's door is equipped with power door lock switches to lock or unlock all doors.

① Locking

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

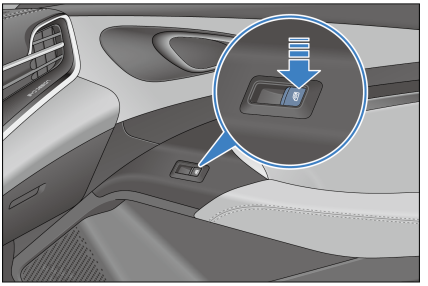
② Unlocking

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



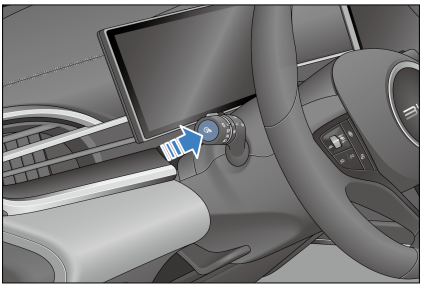
Passenger Side Window Switch

When the ignition is on, use the front right and rear door window switches to operate the respective windows.



Odometer Switch

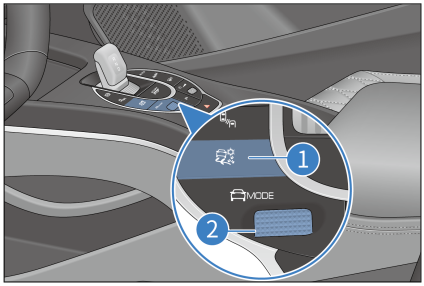
- Press the odometer switch to switch between "Total Mileage" - "Mileage 1" - "Mileage 2" - "Total Mileage". The switching status is displayed accordingly on the instrument cluster.
- Press and hold "Mileage 1" and "Mileage 2" to clear the mileage information.



Mode Switches

① Snow mode button

- Snow mode is designed for slippery surfaces such as grass, snow, ice, or gravel. It optimizes the vehicle's traction, driving, and handling performance.
- To ensure safety, control your speed and gently press the accelerator pedal on slippery roads, even when snow mode is activated.



CAUTION

- ESC system may limit the vehicle's torque. Therefore, temporarily shutting down the system may help if the vehicle skids and gets stuck in soft snow. The ESC system must be restarted after conditions are back to normal (see ***P141***).

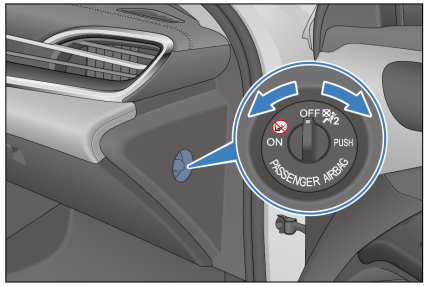
- Roll the scroll button② to switch ECO, NORMAL and SPORT modes cyclically.

Front Passenger Airbag Switch (PAB)*

Front passenger airbag switch (PAB switch)

- Turn the PAB switch (if provided) to "ON" or "OFF" to enable or disable the front passenger front airbag.

- Before driving, repeatedly check the PAB switch status based on the seating situation of the front passenger seat to confirm that the PAB is in the correct state.



- 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 deploy in the event of a moderate to severe collision that meets the necessary deployment conditions.

WARNING

- When the front passenger seat is occupied with an adult, the passenger airbag switch must be turned to "ON" to always keep the front passenger airbag active.

- When the front passenger seat is occupied with an infant or child in a rear-facing child restraint, the driver should check that the

WARNING

PAB switch is off and the PAB is disabled.

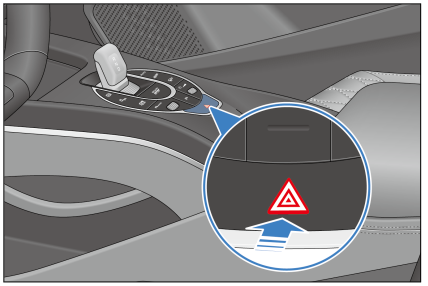
- If the front passenger airbag remains active when the passenger airbag switch is off, immediately contact a BYD authorized dealer or service provider.
- If the recommendations above are not followed, there is a high risk of serious passenger injury or even casualty.

CAUTION

- To prevent damage to the airbag system, please operate PAB switch when the vehicle is on "OFF".
- The rear seat is the preferred choice for installing a child restraint.

Hazard Warning Light Switch

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



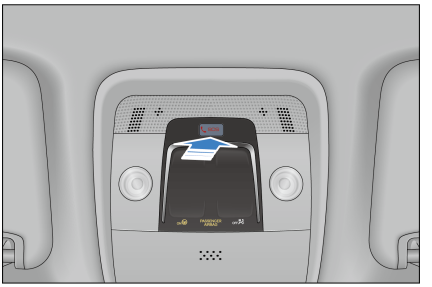
CAUTION

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

Emergency Call (E-Call)*

E-Call status indicator

E-call is short for "emergency call". When this vehicle suffers a serious collision or gets in an emergency, pressing this button connects to the call center with the highest priority. The customer service staff will obtain important user and vehicle data, and will assist the user in escaping danger, dispatching an ambulance to the scene immediately if necessary to ensure the user's safety.



- Pressing and holding the SOS button for 1 second $\leqslant t \leqslant 10$ seconds triggers the E-Call system manually, and pressing and holding the button for 10-20 seconds does not.
- To cancel an emergency call made by mistake, press the SOS button a second time within five seconds.
- The E-Call system activates automatically in the event of airbag deployment or the detection of a severe collision.
- When triggered, the system automatically makes an emergency call and communicates standard

information to a public safety answering point.

CAUTION

- The SOS button will be considered to be short-circuited (button stuck) if you press and hold the SOS button for over 20 seconds. In that case, the E-Call cannot be triggered manually.

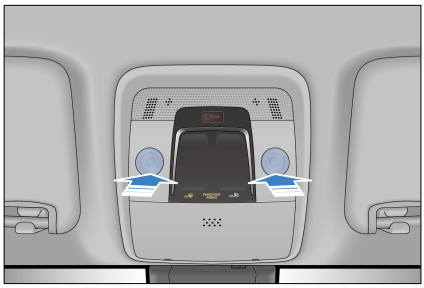
CAUTION

- The dialed emergency call cannot be canceled manually. The E-Call system will begin 60-minute callback time after the call is hung up by the public safety answering point or has not been answered 10 consecutive times.

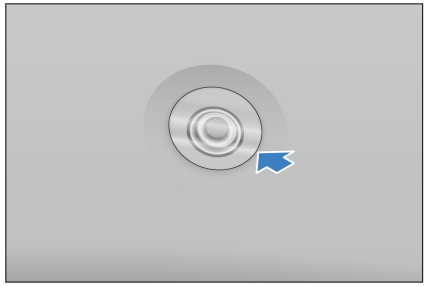
Status	LED Indicator	Beeping
Ignition off or E-Call system failure	Off	\
Power-on self-check mode	Flashing fast - 2 Hz	\
Ignition on and self-check passed	Solid on if self-check is passed	\
E-Call connecting	Flashing - 1 Hz	A beep
E-Call connected	Flashing - 1 Hz	A beep
E-Call ended	Solid on	Two beeps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

Interior Light Switch

Configuration 1 Front Interior Lights Switches



Configuration 2 Side Interior Light Switch



With the ignition off and DOOR option selected, interior lights will go off after the door have remained open for a period of time. If there are other operations during this period, the timer will be restarted. (To turn on or off the “DOOR” gear, slide down the top status bar on the infotainment screen to display the shortcut page.)

Ambient Lights

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

04 USING AND DRIVING

Charging/ Discharging

Charging/Discharging

- Charging equipment uses high-voltage current. Minors are prohibited to charge the vehicle or touch the charging equipment. Keep them away from the vehicle during charging.
- Charging may affect medical or implanted electronic devices. Consult the device manufacturer before charging.
- Charge the vehicle in a 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.
- Check Before Charging
  - Ensure that the power supply equipment, the charging connector, the charge port, and the 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 plug of the charging connector or port, the 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 a standard-compliant charging equipment.
  - To avoid charging failure or fire, do not modify, disassemble, or repair the charging equipment and related ports. Contact a BYD authorized dealer or service provider if there is a fault.
  - 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 the charging equipment during charging, stop charging immediately and contact a BYD authorized dealer or service provider.
- Always observe the following charging precautions to prevent damage to the vehicle:
  - Do not shake the charging connector, otherwise the vehicle charge port may be damaged.
  - Do not charge the vehicle in a thunderstorm to prevent 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.

Charging Precautions

- When the State of Charge(SOC) is low, the instrument cluster turns red, indicating that the high-voltage battery is about to be exhausted. Please charge it immediately, otherwise it will reduce the high-voltage battery

service life and influence your driving experience.

- Mode 2 charging means charging with an AC charging connector. 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, then 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 such as fall and collide.
  - Do not place the charging equipment near heaters or other heat sources.
  - Never drop the equipment or move it by pulling it directly by the cable. Take caution when moving and using the equipment.
- Inserting the charging connector before charging:
  - Make sure that the charging connector and charge port are free of foreign objects, and that the protective cap of the charging connector terminal does not get loose or deformed.
  - Hold the charging connector, align the connector with the charge port and push it in, making sure that they are properly connected.
- Removing the charging connector at the end of charging:
  - Stop charging first and make sure the charge port is unlocked.
  - Pull the charging connector.
  - Do not force the charging connector out while the charge port is locked, otherwise the charge port may be damaged.
- Switch the ignition off before charging.
- Precautions:
  - The vehicle can be powered on to use the A/C while charging. To ensure the charging power, it is recommended to turn off the A/C.
- The vehicle should be parked in a ventilated area, and there should not be any occupant inside when charging.
- The vehicle system automatically stops charging when the high-voltage battery is fully charged.
- 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.
- During DC charging, the DC charging power is relatively small during the identification period to identify the real capability of the charging pile and allow the charging pile to exert its maximum output capacity, thereby bringing users a better charging experience. (only for motor booster DC Charge).
- Before starting the vehicle, ensure that the charging equipment is disconnected. The locking mechanism can damage the charging equipment and the vehicle if the vehicle is started with the charging connector incorrectly inserted.
- When the temperature is low, it is recommended to charge the vehicle in heated space indoors.

- When the temperature is high, it is recommended to charge the vehicle in a cool, ventilated place.
- 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 at low temperatures, it is recommended that you charge the vehicle immediately after using it, as the battery is relatively hot and has better charging performance.
- Turning A/C on during low-temperature charging affects the performance of battery temperature control system and charging performance.
- It is normal that when the battery temperature control system is working during charging, the charging power displayed on the instrument cluster or infotainment system may fluctuate temporarily.
- Before charging is complete, battery equalization is activated for longer battery life and thus the charging time may be longer.
- The use of A/C may worsen battery temperature control system performance in DC charging at high temperatures, resulting in lower charging performance and longer charging time. To ensure charging efficiency, it is recommended to keep the A/C off during charging.
- When the heating or cooling function is enabled during charging, it is normal that both charging time and power consumption increase slightly.
- 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 engine compartment.
- During charging, the estimated remaining time to full charge is displayed on the instrument cluster or infotainment touchscreen. It is normal that the remaining time to full charge may vary slightly, depending on the temperatures, SOC, and charging facilities. Before charging is completed, "Calculating..." is displayed on the instrument cluster.
- If the charge port door is frozen due to weather or other reasons, do not force it open.
- When the vehicle is not used for an extended period, it is recommended that it should be fully charged before driving. In case of idle periods, it is recommended to charge the battery every three months in order to prolong its service life.

REMINDER

- Do not open the charge port door forcibly when it is locked.
- Do not force the charging connector in or out while the charge port is locked.

REMINDER

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

Charging Method

The pure electric vehicle is driven by electric energy supplied from high-voltage battery. To prevent insufficient 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 Charging Piles*

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

Charging Mode

- Reservation Charging (AC Only): Charge the vehicle regularly at a scheduled charging time set by the user.

REMINDER

- The vehicle's power will increase while waiting for the reservation charging. It is normal for long waiting to result in a reduction of the vehicle's power and driving range.

- Immediate charging: Charging starts after the charging connector is connected.

General Charging Troubleshooting

Fault	Possible Cause	Solution
The charger is connected but charging does not start.	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 too high or too low	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.

Fault	Possible Cause	Solution
	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.	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.
	Charging cable is not connected properly	Verify that the charging connection cable is not loosely connected.
	The 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 or too low	If the instrument cluster shows the high-voltage warning light, the charging will automatically stop. Charge the vehicle when the battery temperature returns to a normal level.
	Vehicle or charging pile failure	If there is any fault prompt for the charging pile or the vehicle, it is recommended to contact a BYD authorized dealer or service provider.

Charging

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

Using Mode 2 Charging Cable*

1. Equipment

- 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 EV 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 charging equipment is 50°C. Store the product in a cool and dry place when it is not in use.
- When charging, do not place the equipment in the trunk, under the front of the vehicle, or near the tires.
- When using the equipment, prevent it from getting rolled over by the vehicle, dropped, or trampled on.
- 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 or broken, or if there is any sign of surface damage.
- To prevent failure of the charge port door, do not open and close it repeatedly. The recommended time interval for opening and closing the port door is at least one second.

WARNING

CAUTION

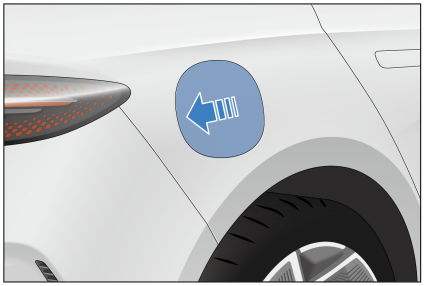
- The charging cable must not be placed in a spiral during charging, as this will affect heat dissipation.
- See the charging instructions for specific charging precautions.

REMINDER

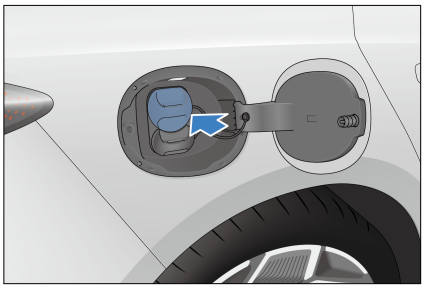
- It is recommended to contact a BYD authorized dealer or service provider or local electrician to select an appropriate power supply according to requirements of the charging equipment.
- Charging equipment grounding instructions: The equipment must be properly grounded. In the event of failure or damage 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 vehicle charge port cap, and make sure that no obstacles exist between the head of the charging connector and the end of the charging socket.



REMINDER

- Do not open the charge port door forcibly when it is locked.
- If the charge port door is frozen due to weather or other reasons, it is suggested to warm it with hot water and then open the port, do not force it open.

- Connect the power supply terminal:
  - Plug the EV 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 lights up on the instrument cluster.

REMINDER

- Do not forcibly insert the connector with the electric lock engaged.

- In the charging process, charging parameters and the charging sign are displayed on the instrument cluster.
  - At this point, you can schedule charging on the infotainment touchscreen. See ***P89*** for the configuration process.

REMINDER

- During charging, the estimated remaining time to full charge is displayed on the instrument cluster or infotainment touchscreen. 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 battery is too low.

3. Stopping charging

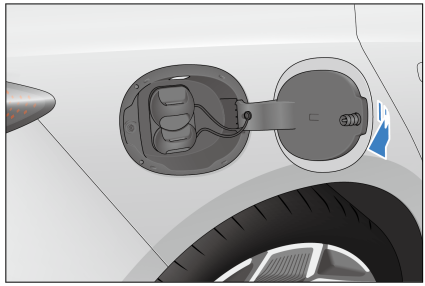
- End the charging:
  - The charging automatically ends when the vehicle is fully charged.
  - Press the unlock button on the smart key or press the door handle microswitch (while carrying the smart key), then the vehicle will stop charging.*
- Disconnect the charge port:
  - If the anti-theft lock is deactivated, press the mechanical button of the charging connector or pull out the charging connector as needed.

- 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).
- When the anti-theft lock is enabled, unlock the vehicle to release the lock of the charge port before pulling out the charging connector. The connector has to be pulled out within 30 seconds, or the port will re-lock.
- You can enable the immobilizer on the infotainment touchscreen, and see ***P92*** for details.
- If the charging connector cannot be removed after unlocking, try a few more unlocking attempts. If that does not work, try emergency unlocking (see ***P93***).
- If you cannot pull the charging connector out directly with the charge port's immobilizer system deactivated, 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

- Do not close the charge port door when the port cap is fully open.

WARNING

- Never drop the EV 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

- AC charging box
  - Use a standard-compliant household charging box. For how to use the charging equipment, refer to its user manual and follow the operating steps.
  - 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 charging pile
  - Charge the vehicle with an AC charging pile in a public place.

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

2. Charging

- Unlock the vehicle and open the charge port door:
  - Open the charge port cap and the port door (see instructions for mode 2 charging).
- Connect the vehicle port:
  - Plug the charging connector into the port and make sure it is tight.
- Charging settings:
  - For AC charging pile/box subject to authentication, swipe the card or scan the QR code. For details, see the user manual for charging pile/box.
- The charging connection indicator lights up on the instrument cluster.
- In the charging process, the instrument cluster displays relevant charging parameters and the charging sign.
  - At this point, you can schedule charging on the infotainment touchscreen. See ***P89*** for the configuration process.

3. Stopping charging

- End the charging:
  - Charging ends automatically when early stop time is due or charging is complete.
  - Press the unlock button on the smart key or press the door handle microswitch (while carrying the smart key), then the vehicle will stop charging.
- Disconnect the charge port:
  - Disconnect as per the instructions in ***P84***.
- Close the A/C charge port cap and the port door (see ***P84***).
- Store the charging equipment properly.
  - If an AC charging pile/box is used, place the charging connector in its designated location in the charging pile/box.

Using DC Chargers*

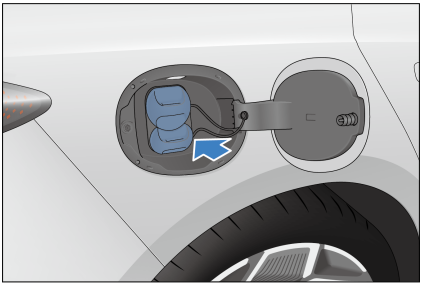
1. Equipment descriptions

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

2. Charging

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

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



- The charging connection indicator lights up on the instrument cluster.
- In the charging process, the instrument cluster or infotainment touchscreen 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.*
- Unplug the charging connector:
  - 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.

CAUTION

- If the charging connector cannot be removed after unlocking, try a few more unlocking attempts. If that does not work, try emergency unlocking (see ***P93***).
- To unlock the charge port after DC charging, press the unlock button twice within three seconds for the operation to be successful.
- See ***P80*** for charging precautions.

REMINDER

- Do not close the charge port door when the port cap is fully open.

Reservation Charging (Only AC)

- Tap infotainment system → → New Energy to go to the "Reservation charging" page.
- To exit the Reservation Charging screen, tap or .

Setting screen

① Reservation charging

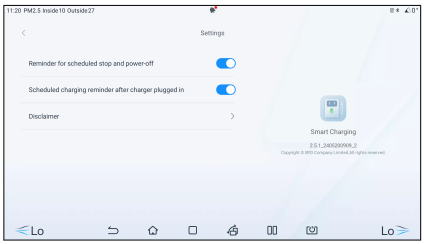
② Charging start and end time

③ Repeat cycle

④ Settings

- The factory default setting is to charge the vehicle immediately. That is, reservation charging is disabled.
- To schedule a charging, toggle the reservation charging ON①, set the charging start time② and repeat cycle③, and save the settings.
- After the reservation is set up, 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 reservation charging has been set. Switch to instant charging if needed.

- You can tap the Smart Charging setting icon④ to turn off the charging connector connected alert and power-off alert in the Reservation charging.



REMINDER

- The instant charging option on the reminder screen is valid for the current reservation only. To cancel all reservations, toggle charging reservation off on the corresponding setting screen.
- The reservation charging function is only dedicated for AC charging piles provided by BYD. If you need to use this function via a public charging facility, please make sure that the facility supports vehicle-terminal reservation.
- In the event of low battery, the vehicle is charged to the minimum level before scheduled charging begins. In this process, the infotainment system still gives reminder messages for power-off and charging connector connection, and a related message is displayed at the lower part of the instrument cluster.
- The schedule setting is invalid for DC charging. Charging begins immediately after a DC charging connector is connected.

CAUTION

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

Intelligent Charging

- If the high-voltage battery has sufficient power, it will charge the low-voltage battery when the latter is detected to be low.

REMINDER

- When the vehicle is stored for a long time, the intelligent charging function may be activated, which is normal and not a vehicle failure.
- Power for intelligent charging comes from the high-voltage battery pack, so it is normal that an SOC decrease is noticed when the vehicle is powered on.

Discharging Device

- This vehicle features a vehicle to load (V2L) function.

WARNING

- Do not touch any metal terminal of the discharging socket or the vehicle charge port during discharging.

WARNING

- Stop discharging immediately if there are any abnormalities such as peculiar smell and smoke.
- See ***P80*** for discharging safety warnings.
- Store the product in a cool and dry place when it is not in use.
- When discharging, do not place the equipment in the trunk, under the front of the vehicle, or near the tires to prevent it from falling and being rolled over by the vehicle and trampled on.
- Never use the equipment if the power strip cable becomes soft, if the discharging connector cable is worn out, if the insulation layer is cracked, or if any other damage occurs.
- Never use the equipment when the discharging connector or power strip is disconnected or broken, or when there is any sign of surface damage.

CAUTION

- Avoiding damage to the discharging equipment (precautions for discharging equipment):
  - Prevent the discharging equipment from suffering any mechanical impact such as dropping or hitting.
  - Do not place the discharging equipment near heaters or other heat sources.
- Before discharging, please confirm the vehicle SOC and estimate the remaining driving range.
- Before V2L discharging, ensure that the load is turned off.

REMINDER

- The V2L function is recommended only when the vehicle 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.

External Discharging

Starting discharging

- Before discharging, disarm the anti-theft alarm system.
- Unlock the charge port door, and then open the port door and cap.
- Check before discharging:
  1. Ensure that the battery capacity of the vehicle to be discharged is not below 15%.
  2. Ensure the V2L connecting device casing is not cracked, and its plug is free from rust or obstructions.
  3. 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.

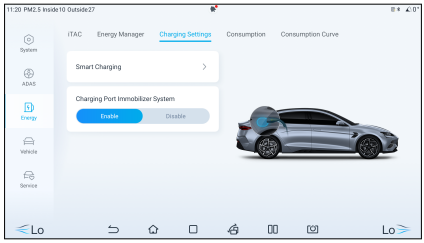
- Connect the discharge connection device:
  - Connect the V2L discharging connector to the charge port and confirm that it is connected in place.
- After the switch button* on the discharging socket is pressed, the socket indicator stays on (red), indicating that the socket can be used.
- Discharging 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 discharging device:
  - With the vehicle unlocked, remove the connector from the charge port.
  - Close the charge port cap and the port door (see ***P84***).
- Organizing the equipment:
  - Store the equipment properly after discharging.

Charge Port Anti-theft Lock

- In order to prevent the charging connector from being stolen, the vehicle charge port is anti-theft during charging and discharging. The anti-theft function is deactivated by default. To enable the function, go to the infotainment touchscreen → → **New Energy** → **Charging Settings** and then tap **Activate**.
- Tap "Activate" or "Deactivate" in Charging port anti-theft lock.
- When the mode of charging port anti-theft lock is activated, the charging connector will lock if the user connects the charging connector and the four doors, hood and trunk lid are locked. To disconnect the connector, the user needs to unlock the vehicle.



Unlocking

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

No.	Charge Port Anti-theft Lock Status	Door Anti-theft Lock Status	Charging Connector Removable or Not
1	Activate	Locking	No
2	Activate	Unlocking	Yes
3	Deactivate	Locking	Yes
4	Deactivate	Unlocking	Yes

WARNING

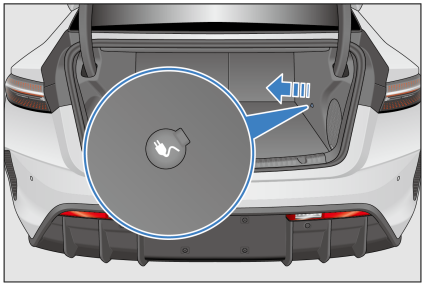
- The connector needs to be pulled out within 30s after the charge port electric lock is unlocked. Otherwise, the electric lock will lock again.

Emergency Unlocking of the Charge Port

- When charging connector cannot be unplugged due to failure of the anti-theft lock, unlock the charge port manually.

Charge port lock dragline

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



REMINDER

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

Driving Range Display

The "Driving Range Display Mode" can be set to improve driving experience. The default setting is "Standard" . You can personalize it by Infotainment touchscreen → New energy → Energy management.

- 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:

REMINDER

- The driving range that is displayed after a full charge may vary, depending on calculations of the energy consumed the last time the vehicle is used.
- 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 regeneration intensity can be set with the regenerative mode button or on the infotainment touchscreen.
  - Standard: When the accelerator pedal is released, the motor controller recovers energy in the standard level, and the vehicle deceleration is in the standard level.
  - High: When the accelerator pedal is released, the motor controller recovers more energy, and the vehicle deceleration is high.
- The corresponding settings can be made in infotainment system → → New Energy → Energy Management → Energy Regeneration Mode.
- 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.

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 under the vehicle floor, so be careful and slow down to avoid bumping when driving on bumpy or uneven roads. If bumping occurs, go to a BYD authorized dealer or service provider for maintenance.

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, the V2L* function 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 ***P95*** 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.
  - 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%.

- The available battery capacity decreases as the vehicle is used over time.

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.
- It is recommended to fully charge the vehicle at a regular basis (at least once a week), and fully charge it from low battery (SOC <10%) once every three to six months.
- Under extreme working conditions (such as frequent sudden acceleration/ deceleration) that cause battery overheating, if the temperature of high-voltage battery is excessively high, it is normal for discharging capability to decrease gradually. If the battery temperature keeps rising, the fault 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 power battery directly.
  - Please contact a BYD authorized dealer or service provider as soon as possible.
  - If the high-voltage battery is damaged and leaking fluid, avoid any contact with the fluid. If it comes into contact with skin or eyes, rinse immediately with plenty of water, and seek immediate medical attention.
  - If the vehicle catches fire, use dedicated fire extinguishers instead of water-based fire extinguishers.

CAUTION

- To ensure safety of the high-voltage battery, stop the vehicle away from flammable and explosive materials, ignition sources and various hazardous chemicals.
- The available battery capacity decreases as the vehicle is used over time.

CAUTION

- 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.
- No one is allowed to enter the vehicle when the battery pack needs to be repaired.

High-Voltage Battery Recycling

How to scrap an NEV:

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

WARNING

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

Low-Voltage Battery

The low-voltage battery (12V battery) is located under the rear left seat.

- Battery working modes include "Normal", "Sleep", "Ultra-low Power", "Low-Voltage Protection", etc. The purpose is to protect the battery cell from damage. If the vehicle system is in good condition, the vehicle switches between these modes automatically, having no effect on your use of the vehicle.
- To avoid low-voltage battery feed, the smart charging function will be actively triggered if conditions (hood closed, ignition "OFF", high-voltage battery discharging allowed, and low-voltage battery level lower than the design value) are met.
- When the intelligent 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 instrument 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.

CAUTION

- 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.
- 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 contains a power manager. To prevent damage to the battery or injury, do not disassemble or repair the battery.
- 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.

Usage Precautions

Break-in Period

- If the powertrain is hard to start or frequently stops turning, inspect the vehicle immediately.
- If the powertrain makes any abnormal sounds, stop the vehicle for inspection.
- If the powertrain has severe coolant and oil leakage, stop the vehicle for inspection.
- The powertrain needs break-in. This should preferably be done within the first 2,000 km in economic mode. Steady driving instead of high-speed driving is recommended. The following practices effectively prolong vehicle service life:
  - Avoid flooring the accelerator pedal when starting and driving the vehicle.
  - Do not maintain a high or low speed for too long.
  - Avoid speeding.
  - Do not use the vehicle to tow other vehicles within the first 2,000 km of mileage.

Trailer Towing

- 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)	750 (rear-wheel drive) 1500 (four-wheel drive)	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

1. The maximum allowed towing capacity equals the total trailer weight, which includes all cargo and additional equipment.

2. Maximum vertical load refers to the downward pressure exerted by the weight of the trailer on the trailer hitch when the vehicle and the trailer are stationary.

- To tow a trailer, adjust the tire pressure to accommodate additional loads. Keep front tires inflated to 270 kPa and rear tires to 320 kPa.
- 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 75 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 due to 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.

WARNING

- The trailer hitch of this vehicle is only used for towing the trailer. Do not use it for freeing the vehicle itself or rescuing trapped vehicles, to avoid damage to the vehicle or even do harm to personal safety.

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.

CAUTION

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

Vehicle Use Suggestions

Suggestions for prolonging the battery usage:

- When the vehicle is not to be operated for an extended period (over seven days), it is recommended that the battery SOC should be kept at 40%-60%, or it will reduce high-voltage battery service life.
- When the vehicle is not to be operated for over three months, the high-voltage battery must be fully charged and then discharged to 40%-60%. Otherwise, over-discharge may lead to battery performance degradation or even damage. Any vehicle fault or damage so caused will not be warranted.
- During operation of the vehicle, if the instrument cluster displays the pure electric driving mileage as 0, it indicates the battery SOC is low. In this case, charge the high-voltage battery in time and avoid operating the vehicle with low SOC for a long time.
- For optimal battery performance, use a charging connector to fully charge the battery regularly, and the recommended frequency is once a week at least.
- To maintain long-term performance, avoid continuously exposing the vehicle to an environment with a temperature above 60°C or below -30°C for over 24 hours.
- If the tray dented inward or there is scarification under the battery package tray, it is suggested to check at a BYD authorized dealer or service provider.
- During operation of the vehicle, avoid repeated rapid acceleration or deceleration whenever possible.
- During operation of the vehicle, avoid operating the vehicle continuously for a long time whenever possible; otherwise, the excessively high battery temperature will affect vehicle performance.
- If the instrument cluster malfunctions when driving, it is recommended to contact a BYD authorized dealer or service provider for inspection as soon as possible.
- When the high-voltage battery temperature is high, the vehicle performance will be limited to some extent. In this case, stop the vehicle

and wait until the temperature drops before operating.

REMINDER

- If the meter drops to 0, the battery must be recharged. If it is not recharged within seven days, the battery may suffer permanent damage. Such damage is not covered by BYD warranty terms.
- Driving range depends on many factors, such as the vehicle's available power, vehicle age (current battery life), weather, temperature, road conditions and driving habits. Compared with under normal temperatures, the pure-electric driving range is somewhat reduced and power performance will also be affected in low or high temperature environments.

Saving Energy and Extending Vehicle Service Life

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

1. Regenerative braking setting:

- The vehicle is provided with an energy recovery function. To set the energy recovery intensity, go to the infotainment touchscreen →  → **New Energy** → **Energy Manager**. 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.
- Keep a constant speed according to traffic conditions. Additional energy is consumed each time the accelerator is pushed.
- 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. Reducing load:

- Energy 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 not only reduces the weight of the vehicle body, but also prevents corrosion.

WARNING

- Do not coast in neutral gear.

Carrying Luggage

- This vehicle has multiple storage spaces. Overloading or improper accommodation may affect maneuverability, stability and normal operation of the vehicle, and reduce its safety.
- The glove box, storage boxes on interior trim panels and seatback pockets are designed for small and light objects, while the trunk for large and heavy objects.
- Make sure the vehicle's total load (vehicle + passengers + luggage) remains within the specified maximum weight.

WARNING

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

Carrying Luggage in the Passenger Area

- All items that could be thrown inwards and thus injure occupants in case of a collision must be properly placed and secured.
- Do not place any objects on the inner side of rear windshield. Otherwise, these objects will block the driver's line of sight and will be thrown here and there inside the vehicle in case of collision.
- Ensure that objects 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' seatbacks.
- Make sure the glove box is always closed while driving. If the glove box is open, the occupant's knees may be injured in case of a collision or an emergency stop.

REMINDER

- Do not pile up 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

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

Vehicle Wading into Water

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

- Never stop, back up, or turn off the vehicle in flooded areas.
- Be careful when driving through deep water, as brakes may get wet. 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, prevent water from entering the motor, otherwise the motor will

WARNING

be damaged seriously. Such damaged is not covered by the vehicle's warranty

- After the vehicle drives through waterlogged road sections, vehicle components, such as drive system, driving system and automotive electric system may also be damaged seriously. Such damage is not covered by the vehicle's warranty either.
- 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:

- No flammable or explosive items are allowed in the vehicle.
  - Temperatures may reach 60-70°C in a vehicle exposed to direct sunlight in summer. Therefore, flammable and explosive items, such as lighters, cleaning agents and perfumes, stored in the vehicle can cause a fire or even explosion easily.
- Make sure cigarettes are thoroughly put out.
  - Smoking is harmful to your health and 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, and 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 and light fixtures may overload and overheat the wiring harness and increase the risk of fire.
  - Improper refitting of electrical appliances or wiring may cause a fire due to contact resistance and abnormal heating. Fuses or other replacement wires in excess of relevant electrical rating are strictly prohibited.
- Select a proper parking location.
  - When parking the vehicle, try to avoid sun exposure.
  - 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.
- Keep a lightweight fire extinguisher in the vehicle and know how to use it.
  - In order to ensure vehicle safety, a fire extinguisher should be equipped in the vehicle, and be checked and replaced regularly. Also, you should familiarize yourself with use of the fire extinguisher and be prepared for any accidents.
- Disconnect the negative cable of the low-voltage battery when the vehicle is being serviced or repaired.
- In the event of a fire in the vehicle, take effective measures in a timely and calm manner to minimize any losses:
  - Fires typically show initial warning signs, such as abnormal noises and odors in the vehicle body. When abnormal conditions are found, turn off and stop the vehicle immediately. It is best to park the vehicle in a windproof place, and then put out the fire using the fire extinguisher in the vehicle.

- Call the fire alarm in time, and also dial the insurance company's reporting number and ask the company to come to the fire site for handling.
- Look for the ignition point. If the engine compartment 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.

Snow Chains

- Snow chains are only for emergencies or areas where they are permitted by laws, which are primarily designed to meet the situational needs of vehicles on rainy, icy and snowy roads in winter.
- Snow chains should be installed on rear wheels. 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.
- 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 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.
- Install the chains symmetrically and remove them immediately after driving on snowy or muddy roads.
- If the snow chain gives an abnormal sound, please stop the vehicle immediately to check whether the suspension, body or brake, brake line and other parts are normal, and make sure there

REMINDER

is no interference with the snow chain.

- When installing the snow chain, park the vehicle on a flat surface away from traffic, turn on the hazard warning lights, and place a warning triangle at the rear of the vehicle.
- Do not install snow chains with low tire pressure.
- When using tire chains, be careful not to damage the aluminum rims.

Starting and Driving

Starting the Vehicle

Preparations before Driving

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

Safety Check before Driving

It is advisable to carry out a safety check before driving long distance, which ensures your driving safety and enhances your driving experience. The vehicle can also be taken to a BYD authorized dealer or service provider for inspection.

Exterior

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

Interior

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

In the engine compartment

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

Check after starting

- 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.

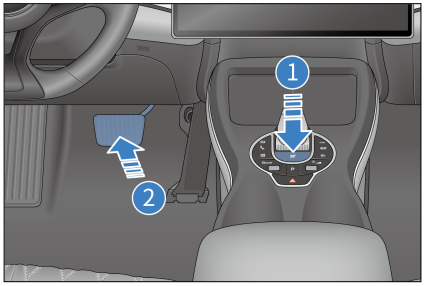
- Other abnormalities: Check for loose parts, leaks, and unusual noises.

If everything is OK, just enjoy your driving.

Starting the Vehicle

Starting the vehicle in normal cases:

- Carry a valid smart key with you or place the NFC key in the NFC area* at the front of the center console, depress the brake pedal ② and press the START/STOP button ① at the same time, and then the OK indicator on the instrument cluster illuminates, indicating that the vehicle is ready for driving.
- Shift to "D" or "R" position, and then the electrical parking brake will be released automatically. Do not start driving the vehicle until hearing a motor release sound from the electrical parking brake system.



The vehicle cannot power on when

- The vehicle cannot power on when:
  - After you press the START button, the smart key warning light turns on, a beep sounds, and the message "No key 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 key is somewhere unsuitable for detection, such as on the floor, in the cup holder, trunk, or right storage compartment.
- Pressing the START button may not enable the start function due to:
  - If the electronic smart key does not work, the smart key system warning indicator on the combination instrument flashes, and the message "Low key battery" is displayed on the information display screen in the middle of the combination instrument, indicating that the key battery may have run out. Replace the electronic smart key battery as soon as possible with reference to the operation procedure in ***P192***.
  - Except for causes mentioned above, the PEPS system also fails to work normally under some conditions due to different service environments. See ***P58*** for relevant details.

REMINDER

- The vehicle cannot be started when the electronic key is left stationary for more than two minutes (depending on the configuration of the vehicle).

Starting the vehicle in emergencies

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

Check After Starting

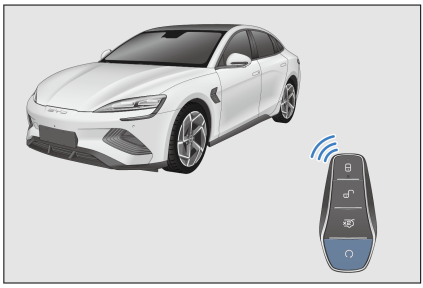
- Instrument cluster: Confirm that the maintenance indicator and the speedometer work normally.
- Brakes: In a safe area, verify that the vehicle maintains a straight direction.
- Other abnormalities: Check for loose parts, leaks, and unusual noises.

If everything is OK, just enjoy your driving.

Remote Start*

Remote Start

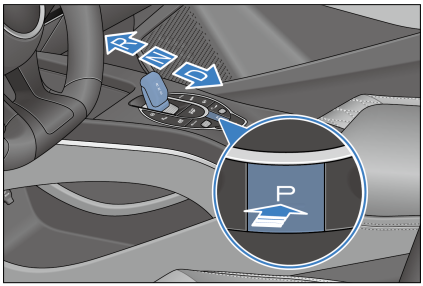
1. Press and hold the remote start/stop button on the electronic smart key for two seconds to start the vehicle. After it is started, turn signals will flash three times.
2. If there is no valid operation within 10 minutes after remote start, the vehicle stops and powers off, and turn signals flash twice.



3. Press and hold the remote start/stop button on the electronic smart key for two seconds. The vehicle powers off and turn signals flash twice.

Gear Shift Controls

- The gear position of the gear shift controls is marked on the lever.
- "P": Park, press this button to park the vehicle and the parking indicator will light up. Press the brake pedal to start the vehicle, you may shift from Park to another gear.



CAUTION

- To prevent damage, press the "P" button only after the vehicle has completely stopped.

- "R": Reverse, used only when the vehicle has come to a complete stop.
- "N": Neutral, used for temporary stop. Under all circumstances, always shift to Park before the driver gets out.
- "D": Drive, shift to Drive gear to drive the vehicle normally.
- If the shift is successful, the lever returns to its middle position automatically after it is released.
- Turn the ignition on in "OK" button before shifting into Drive.
- Shifting out of Park or into Drive requires pressing the brake pedal. See more details in the ***P37***.
- To prevent unintended vehicle movement, press the "P" button after the vehicle has stopped completely. The electronic parking brake (EPB) is automatically applied and the EPB indicator lights up.

WARNING

- Transmission may be seriously damaged due to lack of lubrication if the vehicle is allowed to move for too long after the motor is turned off and "N" gear is engaged.
- When the motor is running and the vehicle is in Park or Drive 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 shift to Reverse or press the "P" button while the vehicle is moving, in order to prevent accidents.
- Never coast downhill in Neutral or Park, even if the motor is not running.
- If the EPB indicator does not come on after shifting into Park, enable EPB in → **ADAS** → **Safety Assist** on the infotainment touchscreen and contact a BYD authorized dealer or service provider for inspection.

Electronic Parking Brake (EPB)

Be sure to engage the Electronic Parking Brake(EPB) every time before parking and leaving the vehicle.

Engaging EPB Manually

When the vehicle is not in Park and EPB is released, press the brake pedal and engage EPB on the infotainment touchscreen. Then, EPB applies appropriate parking force, and Ⓟ on the instrument cluster flashes and then stays on, indicating that EPB is engaged. In addition, a text prompt "EPB activated" is displayed.

CAUTION

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

Engaging EPB Automatically

Engaging EPB automatically when the ignition is switched off

- When the ignition is switched off, EPB is engaged automatically and Ⓟ lights up on the instrument cluster.

Engaging EPB automatically when shifting into Park

- Press the brake pedal to stop the vehicle and shift into Park, and EPB is engaged automatically. Do not release the brake pedal until the indicator on the instrument cluster stops flashing and becomes steady on and the "EPB activated" message is displayed.

CAUTION

- Do not release the brake pedal early in the process, especially when the vehicle is stopped on a slope; otherwise the vehicle may slip back.

CAUTION

- This function is designed to improve 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 Park or the EPB is engaged before getting off.

Automatic EPB Release upon Vehicle Start

Releasing by shifting gear

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

CAUTION

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

Releasing by pressing the accelerator pedal

- When the vehicle has been started and in Drive or Reverse, engage EPB by enabling **Electronic Parking Brake** on the infotainment system, then press the accelerator pedal slowly to a certain degree. EPB is released automatically and Ⓟ turns off with the message "EPB released" displayed.

EPB Release Failure

- If EPB release fails, enable the EPB trailer mode in the infotainment touchscreen → 🚗 → **Service** → **Overhaul**.
  - If EPB can be released, drive the vehicle to the nearest BYD authorized dealer or service provider for inspection as soon as possible.
  - If it cannot be released, contact a BYD authorized dealer or service provider.

Emergency Braking When Brake Pedal Fails

- If braking fails or is blocked, continue to press the "P" button for over two seconds 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.
- 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 accident.

EPB Trailer Mode

The EPB trailer mode is mainly set for the automatical EPB engagement function with the ignition off. When the vehicle needs to be powered off for being towed,

or when it malfunctions, you can switch on the mode to exit parking with EPB.

- Tap → **Service** → **Overhaul** → **EPB Trailer Mode** to enable the function.
- EPB trailer mode activation conditions (all must be met):
  - The vehicle is in Park.
  - Press the brake pedal.
  - The charging connector is not connected, and the vehicle is not being charged.

CAUTION

- When the activating conditions of EPB trailer mode are not met, a corresponding prompt message displays on the infotainment touchscreen.
- After activating the EPB trailer mode, the corresponding screen always displays on the infotainment touchscreen unless you tap to exit the EPB trailer mode.
- When the vehicle is on a slope and you need to enable the EPB trailer mode, do not release the brake pedal during the process to avoid vehicle slipping.

- EPB trailer mode exiting conditions (one of them is enough):
  - Disable the EPB trailer mode on the infotainment touchscreen.
  - Press the "P" button.
  - Charging starts after the charging connector is connected.

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) on the instrument cluster turns on and then turns off in several seconds.
- When the vehicle is powered on, the EPB system starts self-check. (!) turns on and then off in several seconds on the instrument cluster. If it does not, the EPB or braking system may be faulty. It is recommended to contact a BYD authorized dealer or service provider for inspection 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 noise after emergency braking is activated, contact a BYD authorized dealer or service provider immediately.

WARNING

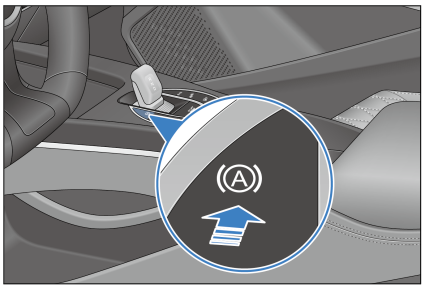
- To prevent skidding, shift to "P" and make sure the EPB is on before leaving the vehicle.
- To prevent a serious accident, never allow any passenger in the vehicle to operate the EPB switch when the vehicle is running.
- When the EPB switch is pulled or released, the brake pedal must be pressed to 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)

Automatic Vehicle Hold (AVH) The automatic vehicle hold (AVH) is activated automatically when the moving vehicle needs to be stationary for longer periods of time, such as in traffic jams on a slope or waiting at traffic lights.

AVH standby

- When the ignition is on, press the AVH switch to enable AVH. Ⓐ is displayed on the instrument cluster.
- Press the AVH switch again to disable AVH.



AVH activated

- When the AVH standby indicator Ⓐ is solid on, press the brake pedal until the vehicle stops (vehicle speed goes to zero) to avtivate AVH function. At this time, the vehicle is in AVH state with Ⓐ displayed on the instrument cluster.

⚠ CAUTION

- For AVH to be activated, all of the follow conditions must be met:
  - The driver's seat belt is fastened and the doors are closed.
  - Intelligent power braking system and electronic park brake (EPB) systems are normal.
- Pressing the accelerator pedal, shifting into Park, powering off the vehicle, or engaging the EPB manually can make AVH exit to the standby status.
- AVH has a memory function, which will keep the state of the last power off when it is powered on again.

AVH running

- The AVH runs normally when it is activated, brake lights and the high-mount brake light are on, and the AVH indicator Ⓐ is solid on on the instrument cluster.
- The AVH function exits to the standby mode after the vehicle stops for 10 minutes, with the AVH standby indicator Ⓐ lighting up and gear shifted into Park.
  - To activate AVH funtion, shifting into Drive to enable the vehicle to move, and then press the brake pedal until the vehicle stops (vehicle speed goes to zero).

AVH exits

- When the AVH funtion runs normally, AVH exits and the the gear is shifted into Park form Drive automatically when the driver performs the followings:
  - Open the driver's door.
  - Unlock the driver's seat belt.
  - The gear status is in Drive when the vehicle stops, and EPB is enabled.

- Press the AVH switch again to disable AVH when releasing the brake pedal.

AVH suppressed

- Shifting into Reverse, AVH goes into slow-moving condition. When the vehicle is reversing (R gear) or traveling (shift into D gear from R gear) at a low speed, AVH cannot be suppressed and stays in standby status to improve vehicle motion.
- To exit slow-moving mode, push the AVH switch or drive at a speed above 10 km/h. The AVH function is standby and can be activated normally.

Driving Precautions

- Slow down when driving against strong winds.
- Drive slowly and keep the correct direction on gravel roads. To prevent tire damage, do not drive over sharp-edged objects or other road obstacles. Or it will severely damage the tires.
- Slow down on bumpy or uneven roads or the shock would damage the tires.
- Avoid driving through flooded areas as much as possible on wet roads.
- 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.

REMINDER

- The high-voltage battery is located in the vehicle's chassis. Make sure to avoid bumping when driving.
- Before driving, make sure that EPB is fully released and that the EPB indicator light is off.

REMINDER

- Do not leave the vehicle when the drive motor is running.
- Do not rest your feet on the brake pedal and accelerator pedal for a long time during driving. Otherwise, this will cause overheating, wear and waste of electric energy.
- Slow down when driving down long steep slopes, and avoid pressing the brake pedal too frequently to prevent disc overheating, which affects normal brake operations.
- Be careful when accelerating or braking on slippery roads. Quick acceleration or sudden braking will cause the vehicle to skid or deviate.
- To avoid traffic accidents and life-threatening injuries, make sure no occupants stick their heads or hands out of any window when the vehicle is running. Stay vigilant, especially when any child is in the vehicle.
- Large amounts of water entering the engine compartment can cause damage to the power system and electrical components.

WARNING

- 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.

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 in winter.
- 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

- Use special washer fluid to prevent paint damage.

- 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 a radar 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 (20 to 95 mph) range, or set a fixed distance from the vehicle ahead to cruise at speeds between 0 km/h and 150 km/h (0 to 95 mph).

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 (with a variable cruise speed value).

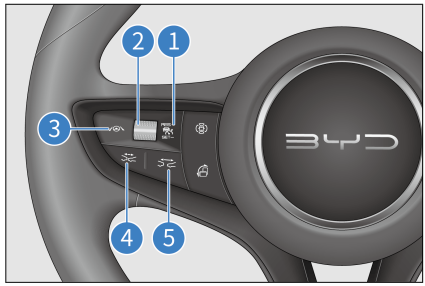
ACC Activation Conditions

- The EPB is 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 (95 mph).
- Brake pedal is pressed at speed 0; or brake pedal is not pressed at speeds above 0.
- There is no vehicle network communication failure prompt on the instrument cluster.
- The AEB function is not activated.

Cruise Button Operation

ACC on/off button

Press button① to activate or exit ACC. (The system is on standby when activation conditions are met). (By default, ACC activation by pressing button① 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 ② 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 ②. Toggling the lever ② up or down each time increases or decreases target speed by 5 km/h.

Exiting ACC

While ACC is active, pressing button ① again or pressing the brake pedal makes the ACC system go on standby.

WARNING

- Please strictly abide by the speed limit regulations of local roads, control the speed and drive safely. Do not overspeed.

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 ④ and ⑤ on the steering wheel adjusts vehicle distance to any of the four available levels. At each level, vehicle distance is in direct proportion to vehicle speed. The faster the speed, the longer the distance.

Increasing/Decreasing speed with ACC active

- When ACC is activated, you can press the accelerator pedal to reach the set target cruise speed in advance. The system then enters over speed mode. At the target cruise speed, if you accelerate without performing any other operations, the vehicle accelerates and then returns to target cruise speed after the accelerator pedal is released.
- When you press the brake pedal with ACC activated to slow down the vehicle, ACC goes into standby mode. After the brake is released, ACC needs 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 30 seconds to three minutes, press the accelerator pedal or pushing up lever② 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 several seconds due to sensor vision limitations, possibly causing the ACC vehicle to accelerate automatically.
- Traffic flow and weather conditions, such as rain and fog, must be heeded for setting vehicle distance on the ACC system. After the ACC system is properly set, the driver must be able to decelerate until the vehicle stops at any time.
- The ACC system may not be able to identify stationary or slow-moving objects, such as vehicles, the end of traffic, toll booths, bicycles, motorcycles, 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.
- ACC cannot be activated in special driving modes like tow/snow/mud/sand/terrain (if equipped with these modes).

Precautions

- ACC is a comfort system rather than a safety system, obstacle detector or collision warning system. The driver must keep control of vehicle at all times and be fully responsible for the vehicle.
- ACC assists instead of replacing the role of the driver. The driver is responsible for abiding by traffic rules and keeping vehicle control.
- For safety 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, motorcycle, four-wheeler, or pedestrian, for example) is too small, the system may not be able to establish its distance, resulting in either late or no response to those vehicles. In such cases, vehicle speed must be controlled by the driver. In addition, detection may also be affected or delayed by noise or electromagnetic interference.
- ACC cannot target vehicles with too small contact ratio, so the driver must keep control of the vehicle.

- When the vehicle stops as it follows a vehicle ahead, in rare cases, the system does not recognize the end of the vehicle ahead but the lower end of the target (for example, the rear axle of a truck with a high chassis or a vehicle bumper). In such cases, the system cannot ensure proper stop distance, so the driver must stay alert and be ready to brake.
- If ACC is activated with the vehicle stationary, the system identifies any stationary obstacle ahead and keeps the vehicle still to ensure a safe startup and prevent collision. However, this function does not cover all obstacles, so the driver must be alert.
- Modifying 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).
- Make sure to go to a BYD authorized dealer or service provider for professional calibration and checking of front mmWave radars or the multifunctional video controller in any of the following situations:
  - The front mmWave radar, front bumper, 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 driving assistance function, so the driver must be fully responsible for driving safety.
- Influence of weather, road conditions, and other factors may cause ACC to fail.
- Use ACC based on your needs, traffic, and road conditions.

Intelligent Cruise Control (ICC)

- The intelligent cruise control (ICC) system integrates ACC and lane centering control (LCC). It helps control the vehicle both longitudinally and transversely at speeds between 0 km/h 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 ICC button on the steering wheel to activate or deactivate ICC (when ICC is activated, the current speed is set as the cruise speed by default. 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 ***P114***.
- To enable or disable ICC, go to the infotainment touchscreen → → → **ADAS** → **Intelligent Driving**. 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.

- 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.
- ACC cannot be activated in special driving modes like tow/snow/mud/sand/terrain (if equipped with these modes).

WARNING

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

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

Predictive collision warning (PCW) system and Automatic Emergency Braking(AEB) system detect vehicles and pedestrians ahead by using a radar and a multi-purpose camera. When detecting a risk of collision, the system gives audible and visual alarms to alert the driver and improves the potential braking pressure for better response timing. If detecting increased risk of collision, the system automatically applies braking pressure to assist in collision avoidance or impact reduction.

Usage

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

PCW Activation Conditions

- 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

- This function has been turned on in **Vehicle Settings**.
- 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 traveling 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 traveling 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 traveling in the opposite direction as the vehicle
  - A vehicle in front traveling 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. In such cases, vehicle speed must be controlled by the driver.
- 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, large water splashes, or exposure to direct sunlight or glaring lights, or significantly varying lighting conditions.
  - Dirty, hazy, damaged or blocked sensor.
  - Radar failure due to interference from other radar sources, such as strong radar reflection in multi-storey car park.
- In complex traffic, the system may be unable to properly respond to the following circumstances:
  - Pedestrians or vehicles move too quickly into the sensor's detection range.
  - Pedestrians are obscured by other objects.

- Pedestrian outlines are indistinguishable from the surroundings.
- Pedestrians are not detected, due to, for example, coverage by special clothing or other materials.
- The vehicle is on a sharp curve.

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 PCW gives an alarm, the driver must brake based on traffic conditions to decrease vehicle speed or steer away from obstacles.
- If the vehicle travels too close to the vehicle ahead for too long, a safety distance warning will be given. If the vehicle ahead brakes suddenly, collision may be unavoidable.
- The system will not trigger AEB when the driver is aware of an emergency warning but turns the steering wheel, accelerates or brakes.
- 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. For example, on the curving main lane.
- 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 activates only after all doors are closed and all occupants are buckled up. Note: The AEB system will fail to work if:
  - 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.
  - The vehicle is on a sharp curve.
- 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 the multi-purpose camera has changed after a collision.
- Do not attempt to test the AEB system on your own using objects such as carton, iron plate, dummy, etc. The system may not work properly and thus result in accidents.

WARNING

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

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

Front cross traffic alert (FCTA) and Front Cross Traffic Braking(FCTB) detects vehicles crossing the driveway at the front through 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.

Usage

- To enable or disable the FCTA and FCTB, go to Infotainment touchscreen , and tap **ADAS** → **Active Safety**.
- When Front Cross Traffic Alert(FCTA) is activated, the rearview indicator flashes and a chime sounds.
- When FCTB is activated, is displayed on the instrument cluster and a chime sounds, with AEB automatically braking the vehicle.

- In the event of FCTA/FCTB malfunction, is displayed.

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.
- FCTA/FCTB 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 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 Vehicle Settings → → ADAS → Driving Assist.
- When the TSR system identifies the current traffic sign, 60 is displayed on the instrument cluster.
- When TSR cannot identify whether the recognized speed limit value applies to the lane, 60? is displayed on the instrument cluster.
- When the TSR system experiences reduced performance, 60 is displayed on the instrument cluster.
- When the TSR system has a reduced performance and cannot identify whether the recognized speed limit value applies to the lane, 60? is displayed on the instrument cluster.
- If the TSR system malfunctions, --- is displayed on the instrument cluster.
- If you disable TSR manually by pressing buttons, --- is displayed on the instrument cluster.
- The specific numbers displayed in the indicators depend on the actual traffic signs.
- When no available speed limit value is identified, --- is displayed on the instrument cluster.

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 the vehicle has been involved in a collision or the multi-purpose camera's sensor has been reassembled, go to a BYD authorized dealer or service provider for sensor calibration so as to avoid affecting system performance.
- If the model is available in 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 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 TSR to fail or lead to late alarms.
- Use TSR based on your needs, traffic, and road conditions.

Intelligent Speed Limit Control (ISLC)

- The Intelligent Speed Limit Control (ISLC) system integrates ACC and TSR. With the system enabled, if the vehicle travels faster or slower than the detected speed limit, a confirmation prompt is displayed asking whether to set cruise speed to that limit. After the driver confirms (roll down ACC speed control lever), the system will automatically set cruise speed to the limit to prevent speeding.
- This function is accessible at the 30-150 km/h speed range.

How to Use

- Enable or disable ISLC in → **ADAS** → **Driving Assist** → **TSR** → **ISLC**.
- 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.

CAUTION

- ISLC integrates ACC and TSR. Therefore, ACC and TSR function precautions must be followed during use (see ***P114*** for details).
- ISLC is a driver assistance system, so the driver must keep control of the 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 rain, fog, haze, snow or dust, when light is coming from the back of the vehicle, or when there is a sudden change in lighting.

WARNING

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

High Beam Assist (HMA)

The high beam assist (HMA) system automatically activates or deactivates the high beam based on current driving conditions assessed by using sensors of the multifunctional video controller, when vehicle speed exceeds 35 km/h.

Status Description

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

How to Use

- Enable or disable HMA in → **ADAS** → **Driving Assist**. When the vehicle is started, the system defaults to the previous settings.
- With the function enabled and the light switch is on "Auto", the light meets conditions and vehicle speed is over 35 km/h, the system automatically switches between low and high beams based on the current driving environment.

Precautions

- The HMA system is an auxiliary light control function. While it is recommended to use the system at high vehicle speeds, the system cannot completely replace the driver. The driver must observe road regulations and actively switch between high and low beams according to road condition changes at all times.
- When the vehicle is in a high dynamic state, for example when the ABS or ESC is activated, beam switching is suppressed.
- HMA system exits when fog light and turn signal are turned on, wipers are set to high-speed mode, the vehicle is backing up, light switch is not on "Auto", and the ambient light is too strong.
- 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

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

Lane Departure Assist (LDA)

Lane Departure Warning (LDW)

The lane departure warning (LDW) system 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. For the third intervention (and any further ones), alarms are extended by at least 12 seconds.

Usage

- To enable or disable LDA, go to infotainment touchscreen → → → **ADAS** → **Driving Assist** → **Lane Assist System**.
- 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 alarm, visual alarm, 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

In a complex road traffic environment, the LDA system may detect the lane line incorrectly or fail to detect the lane line. In the following cases, the system may not work or its performance may be significantly degraded:

- 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

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 front windshield glass is dyed or coated in a manner that is not compliant with standards, if any reflective object is placed on the dashboard, or if any other object interferes with camera sight.
- For safety reasons, do not test LDW function on your own. The 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

- Enable or disable this function in → **ADAS** → **Driving Assist** → **Lane Support System (LSS)**.
- 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

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 serves as a driving assistance function only, so 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.

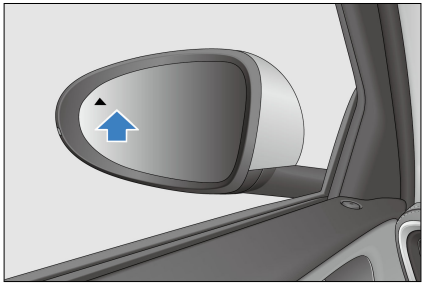
Blind Spot Detection System (BSA)

- The blind spot assist (BSA) system includes 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 environment behind the vehicle through radars installed on both sides of the rear bumper so as to remind the driver of safe driving.

Blind spot detection (BSD)

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.



Rear Cross Traffic Alert (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.

Rear Cross Traffic Braking (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.

Rear Collisions Warning (RCW)

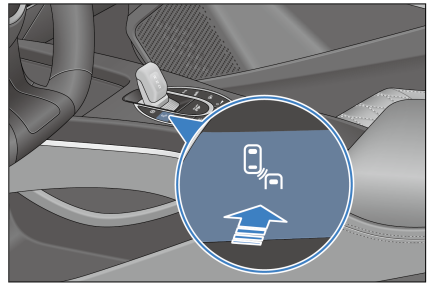
At vehicle speeds between 5 km/h and 146 km/h, if the rear corner mmWave radar detects a risk of collision with a vehicle approaching quickly from behind on the current lane, the hazard warning light turns on to warn the driver in that vehicle against a possible collision.

Door Open Warning (DOW)

DOW is realized with rear corner mmWave radars installed on both sides of the rear bumper. When the vehicle is stationary with doors unlocked, the system keeps indicators on side mirrors solid on to warn the driver if moving objects, such as bicycles or automobiles, approach from behind on an adjacent lane. If the driver attempts to open the door at this time, indicators on side mirrors begin to flash and a chime sounds.

Function Button Operation

- To enable or disable BSD, RCTA, RCTB, RCW and DOW, go to Infotainment touchscreen → **ADAS** → **Active Safety** → **Blind Spot Assist**. When the vehicle is started, the system defaults to previous settings.



- 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 instrument cluster.
- When the blind spot assist system is active,  is displayed, 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 must ensure the normal operation of the BSD system, keeping its rear corner mmWave radars in good condition. For example, dirt, snow, or other obstructions need to be cleared right away.
- The BSD system gives a warning if unrelated targets at the rear side or in the rear (such as work zone barriers, large roadside billboards, reflectors in tunnels, or other objects with a large radar cross section) are wrongly selected as target vehicles.
- 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 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 blind spot assist to fail.
- Use blind spot assist based on your needs, traffic, and road conditions.

Head-up Display (HUD)*

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

How to Use

- To enable or disable HUD, go to the infotainment touchscreen → → → **Vehicle**.
- By factory default, HUD is on and the image is displayed. When it is disabled, no HUD image is displayed. The system defaults to the previous settings when the vehicle starts.

- 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 brightness of HUD virtual image in between 1 and 11. A total of 11 values are available, and the default value is 6.
- Whirling adjusting: 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 environment of the vehicle.
- Settings optional for display: Safe driving assistance can be selected and is enabled by default.

CAUTION

- Make sure that the head-up display is unobstructed.
- Wipe the dust on the dust-proof board with soft cotton cloth or paper towel.
- No water or other liquid is allowed to flow into the opening of the head-up display.

Tire Pressure Monitoring

Direct Tire Pressure Monitoring System *

- 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 tyre pressure display screen using the scroll button.

Tire pressure system alarm

- When the pressure of any tire is lower than 80% of the standard tire pressure (taking temperature into account) and the system is running, the tire pressure fault warning light lights up and the tire pressure value turns yellow, 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, it is recommended to stop the vehicle and wait for the tire temperature to decrease before further driving.
- When one or more tires leak air quickly and the system is running, the tire pressure fault warning light flashes constantly and the tire pressure value turns red. In that case, promptly stop the vehicle and replace tires or contact a BYD authorized dealer or service provider.
- When the system is running, if a fault occurs, the tire pressure fault warning light is solid on after flashing, and the message "No Signal" or "Please check 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, contact a BYD authorized dealer or service provider.

CAUTION

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

CAUTION

or deflate the tires according to the values displayed on the instrument cluster and the standard tire pressure values.

- The tire pressure monitoring system may be disturbed by non-BYD approved electrical accessories on the vehicle. This is not a tire pressure system failure.
- The tire pressure system needs to be matched again after replacement of wheel rims or spare tires* or tire rotations. Please go to a BYD authorized dealer or service provider to re-match the tire pressure.

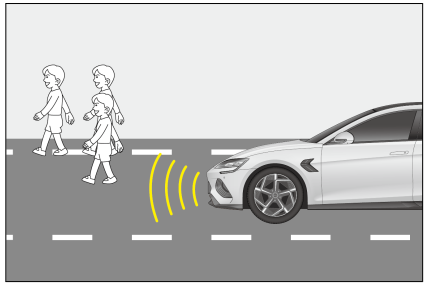
WARNING

- The system does not stop vehicle traveling in the event of abnormal tire pressure. Therefore, each time before driving, ensure that the tire pressure conforms to the requirements specified by the manufacturer. If not, do not drive, otherwise, vehicle damage or personal injuries may 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, reduce vehicle speed, and pull it over to the curb and stop as soon as possible. Driving with low tire pressure can cause permanent damage to tires and increase the likelihood of tire scrapping. Serious tire damage can lead to traffic accidents, resulting in serious injuries or deaths.

Acoustic Vehicle Alerting System (AVAS)

Acoustic vehicle alerting system (AVAS) refers to the alert sound to pedestrians near the vehicle when it is moving at a low speed.

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



- When driving forward:
  - The alert volume increases with vehicle speed in the range of 0 km/h to 20 km/h.
  - The alert volume decreases with vehicle speed in the range of 20 km/h to 30 km/h.
  - The alert stops automatically when vehicle velocity is over 30 km/h.
- The vehicle makes a continuous and balanced prompt sound when moving in reverse.

How to Use

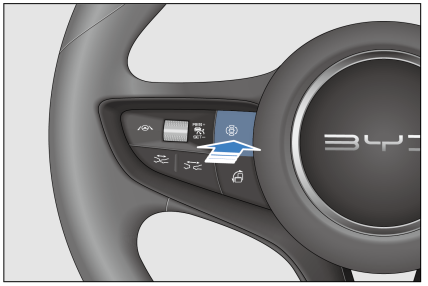
To turn on or off the engine sound simulator, users in some countries can slide down from the top of the infotainment touchscreen to access the shortcut screen (not supported in some regions).

WARNING

- The AVAS pause switch can only be used if there are no other road users within a short distance, and no audio prompt is needed considering the surroundings (for example, in a traffic jam or on the motorway). As long as pedestrians may appear around the vehicle, the AVAS needs to be turned on.
- If the vehicle is running at low speed with AVAS turned off, it is unable to alert pedestrians to the approaching vehicle, which may cause car accidents and even casualties in severe cases.
- 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 and drive in R gear, then 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 **Vehicle 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, and left areas of the vehicle. A single view of the vehicle's front, rear, right, and left images 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. 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.
- Tap the vehicle image switching button in the lower left corner to switch between transparent and nontransparent 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 driven beyond its length.

WARNING

- The panoramic view system provides transparent panoramic view to show the image below the vehicle. This function is only for assisting in observation of area below the vehicle during parking/driving. Investigation of foreign objects below the vehicle and dangerous situations should be carried out in any other manner to ensure the safety of personnel and the vehicle.
- When the vehicle runs at a low speed, the transparent panoramic view function is affected by speed fluctuation or multiple stops, so there will be misalignment between the images below the vehicle and that outside the vehicle.
- The panoramic view system is only to be used for parking/driving assistance. It is not safe to 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 car should be observed in other ways during the parking/driving process, so as to avoid accidents.
- This system uses wide-angle fisheye cameras, so the object on the display screen may appear somewhat deformed in comparison with the actual object.
- When the side mirrors are not extended in place, do not use the panoramic view system; and when the panoramic view system is used for parking/driving, ensure that all the car doors are closed.

WARNING

- The distance to an object displayed on the panoramic view screen may be different from the distance perceived subjectively, especially when the object is closer to the vehicle. Assess the distance in various ways.
- Cameras are installed above the front grille, side mirrors, and the rear license plate. Make sure the cameras are unobstructed.
- To prevent affecting camera performance, avoid spraying directly on the cameras when washing the vehicle body with high-pressure water. Wipe any water or dust off the camera in time.
- Protect the cameras from any impact to prevent damage or malfunction.
- After the vehicle is powered on, if you press the panoramic view start button or shift into reverse while the 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.

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 infortanment touchscreen automatically.
- After reversing ends, the interface will be restored.

REMINDER

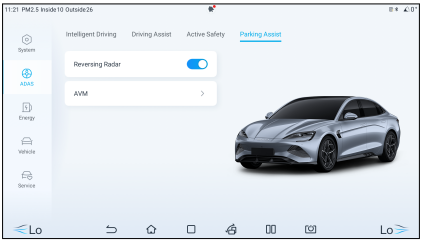
- The safety lines for reversing are only for distance reference in no-load condition of the vehicle.
- For your driving safety, when the reversing image is displayed, all buttons will be disabled except some volume and phone related buttons.

WARNING

- The parking assist system ceases to operate when the vehicle is moving forward at over 10 km/h.
- Do not place any articles within the sensors' working range.
- To prevent sensor malfunction, do not wash the sensor area with water or steam.

Reversing Radar Power Switch

- To enable or disable the reversing radar system, go to infotainment touchscreen → → **ADAS** → **Parking Assist**.
- When the ignition is on and EPB is released, the parking assist system is enabled automatically.



- When enabled, the system raises an alarm if obstacles are found around 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.

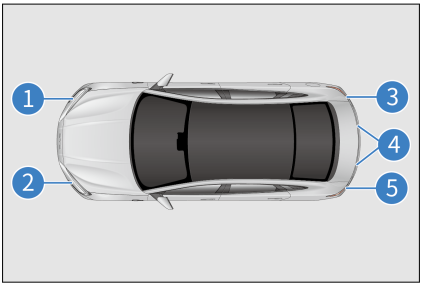
① Front right sensor

② Front left corner sensor

③ Rear right corner sensor

④ Rear left and right middle sensors

⑤ Rear left corner sensor



Distance Display Alarm

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 examples of center sensors

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

Working examples of corner sensors

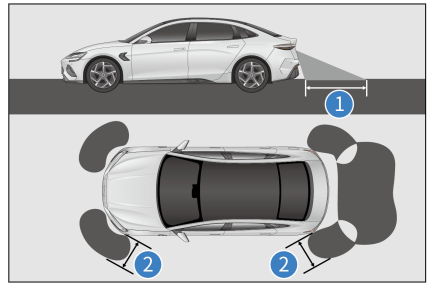
Approximate Distance (mm)	Touchscreen Display Example	Alarm Sound
About 300 to 600		Fast
About 0 to 300		Continuous

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



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.
- Failure of the reversing radar system is indicated by a message on the instrument cluster and a beep, 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 touchscreen 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 braking system, incorporating vacuum booster, electronic vacuum pump, and ABS/ESC functionality. 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 Dynamics Control(VDC), comfort stop (CST), Hill Descent 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.

Vehicle Dynamics Control (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.

Traction Control System (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 idling. 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.

Hill Hold Control (HHC)

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

Hydraulic Brake Assist (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.

Controller deceleration parking (CDP)* for parking brake

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.

ESC operation instructions

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

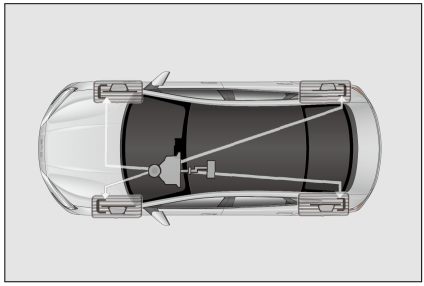
- Brake assist mode
  - The brake assist mode is used to adjust the brake pedal feel. The relation curve between the brake pedal depth and the vehicle deceleration varies across different modes for the driver to choose their preferred pedal feel.
  - You can select Comfort or Sport brake assist mode on the infotainment touchscreen → → → **Vehicle** → **Intelligent Chassis**.
- Comfort Stop (CST)
  - Comfort stop: When the vehicle decelerates to stop in a non-emergency situation, intelligent power braking system reduces the stop-instant suspension pitch and impact by controlling the brake pressure of the four brakes, and provides a smooth stop feeling.
  - 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 intelligent power braking system applies a small brake pressure to all four brakes so that pads come into contact with discs to remove the water film from the discs. This shortens brake response time and braking distance.
  - As long as the system detects rain or the wiper ON signal, the brake discs are repeatedly wiped at certain intervals to improve safety.
- ESC working
  - If there is a risk of skidding or backsliding when the vehicle starts on a slope, or if either drive wheel is spinning, the ESC indicator flashes to indicate that ESC system is working.
- Disabling ESC
  - If the vehicle gets stuck in snow or mud, ESC may reduce power output from the motor to the wheels. In this case, you may need to turn off the system to get out of the jam.
- Turning off ESC
  - To turn off the ESC system, go to infotainment touchscreen → → **ADAS** → **Active Safety** → **ESC**. ESC also checks its operating status in real time. If you turn off ESC while it is working, it completes the active intervention control rather than executes the "shutdown" command immediately. ESC is disabled only after the intervention control is complete.
- After ESC is turned off, some 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 on suddenly, ESC can be activated again only when it is not in a state of retaining vehicle dynamic intervention.
- Restarting ESC after the motor is powered off

- When the ESC system is turned off, restarting the motor automatically restarts ESC system.

- ESC system start and speed linkage
  - If the ESC system is turned off, when the vehicle becomes extremely unstable as the speed increases and exceeds the threshold (80 km/h), the ESC system starts on its own.
- With ESC system 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.

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 or skidding when brake is engaged suddenly or on slippery roads.



- When the front tires skid, there is no steering control, which means that the vehicle still moves forward even though the steering wheel is turned. ABS helps prevent locking and maintain steering control since pulsating prompt brake is much faster than human reaction.
- Never pulsate the brake pedal; otherwise, Anti-lock Braking System(ABS) may malfunction. While steering away from danger, a firm and steady pressure should always be maintained on the brake pedal for the ABS to work.
- When the ABS is working, the brake pedal will vibrate, which may produce noise. This is normal because the ABS is pulsating the brake quickly.

Electronic brake force distribution (EBD)

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

WARNING

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

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 cannot prevent skidding caused by sudden direction change, such as trying to make a sharp turn or change lanes suddenly. Always drive carefully at a safe speed, regardless of road and weather conditions.
- ABS does not prevent decrease in stability either. When applying the brake in an emergency, the steering should be moderate. A large or sharp turn during the driving can cause the vehicle to swerve into oncoming traffic or run off the road.
- When driving on wet or soft or uneven roads (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.

Driver Attention Warning (DAW)*

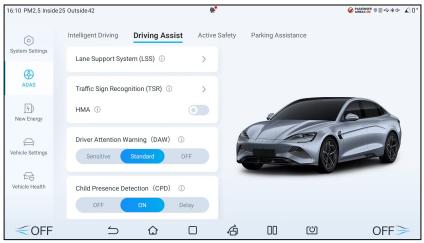
Driver attention warning (DAW) system evaluates the driver's degree of fatigue by the vehicle operation status such as steering wheel angle, break, gear and lane-changing. The driver would be alerted by popups and voice prompt according to the evaluation results to ensure driving safety.

Driver Attention Warning (DAW) is enabled by default when the vehicle is powered on.

How to Use

With the vehicle powered on, set the warning in infotainment touchscreen → → **ADAS** → **Driving Assist** → **Driver Attention Warning (DAW)**. For safety considerations, the setting is valid on the

current trip only and will revert to the default mode on the next trip.



WARNING

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

CAUTION

- The driver attention warning system is only an auxiliary system and is not capable of effective recognition and alarm-raising in all situations. It 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.

Intelligence Torque Adaption Control (iTAC) System*

The intelligent torque adaption control (iTAC) system employs a unique control architecture and algorithm that evaluates data including steering angle and motor speed and thus identifies the driver's driving needs and vehicle status. It proactively adjusts the drive torque of the front and rear axles in real time so that the driving state of the vehicle adapts to the driver's needs with better performance in complex road conditions.

- Tap infotainment system → → **New energy** → **iTAC** to start.

WARNING

- This function is not designed for unbridled driving. Make sure the braking system works normally in the following situations:
  - Unbridled driving behaviors such as drifting, and driving on continuous bends
  - Muddy, sandy, or snowy roads
  - Roads with potholes or uneven roads
  - Bumpy roads

REMINDER

- When braking is detected, be it through the driver pressing the brake pedal or ESC coming into action, iTAC exits for the priority of braking.

Child Presence Detection (CPD)

After the vehicle is powered off and the driver's door is opened and then closed or locked, child presence detection (CDP) is performed to check if any child is left inside the vehicle. 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

- To access the CPD setting interface, go to infotainment touchscreen →

→ **Vehicle** → **Cabin Perception**. Four options are provided: OFF, ON, Standard, and Delay.

- By default, CPD is enabled with standard alert mode each time when the vehicle is powered on.
- Tap **Delay** to extend the alarm for five minutes for this trip.

System Response

- When CPD enabled with standard alert mode, if life presence is detected after the vehicle is powered off and locked, the initial alarm (light flashing and honking) starts within 10 seconds and will last for about 6 seconds.
- When CPD enabled with standard alert mode, if life presence is detected after the vehicle is powered off but unlocked, the initial alarm (light flashing and honking) starts within 4 minutes and 50 seconds and will last for about 6 seconds.
- When CPD enabled with delay alert mode, if life presence is detected after the vehicle is powered off and the doors are closed, the initial alarm (light flashing and honking) starts within 5 minutes and will last for about 6 seconds.
- If the alarm is not canceled, the alarm will be upgraded in 90 seconds (light flashing and honking) and will last for 25 minutes.
- The A/C will be switched on three minutes after alarm escalation, and will keep running for about 30 minutes.
- To cancel the alarm, tap the button on the infotainment touchscreen, unlock the vehicle, or open any door.
- You will receive messages in the BYD app and email of every initial alarm, alarm escalation and other system responses.

WARNING

- While light flashing, honking, app message prompts, email message, and A/C operation reduce 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.
- CPD is only an auxiliary system and is not capable of effective recognition and alarm-raising in all situations. The user must remain alert at all times and fully responsible for the lives in the vehicle.

CAUTION

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

0-100 km/h: Full Throttle Experience

Full throttle can be achieved when:

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

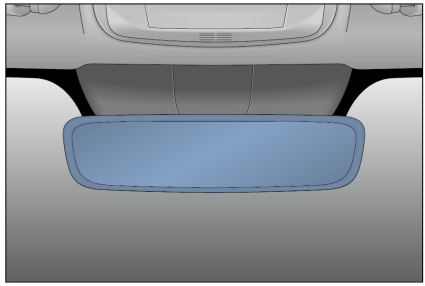
WARNING

- Please be mindful of all relevant safety measures when experiencing this function.
- Before experiencing this function, check if the tire, brake and other vehicle functions are in optimal conditions.
- Do not use this function when visibility is low (e.g. dust, haze and night).
- Do not use this function on slippery, snowy, muddy, or water-logged roads, nor on grass, sand, etc.
- Do not use this function on roads with complex traffic environments (e.g. at junctions, with pedestrians or other traffic participants).
- Do not use this function before you are fully familiar with the vehicle, so as to avoid accidents caused by incorrect operation.

Other Main Functions

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



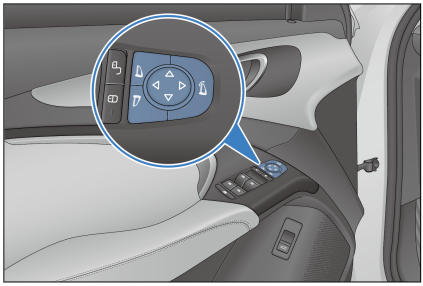
WARNING

- Adjusting the interior rearview mirror before driving. Do not adjust the rearview mirror while driving. This may distract your attention, causing accidents.
- Do not hang heavy objects from the interior rearview mirror, or shake or drag it with force.
- When manually adjusting the interior rearview mirror, do not forcibly adjust the stuck mirror to avoid the mirror falling off.

Power Side Mirrors

Use the associated switches to adjust the side mirrors to see both sides of the vehicle.

- Side mirror adjustment buttons: used to select the side mirror to be adjusted.
  - : 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.



WARNING

- Adjust the interior rearview mirror before driving. Do not adjust the side mirrors while driving. This may distract your attention and cause accidents.

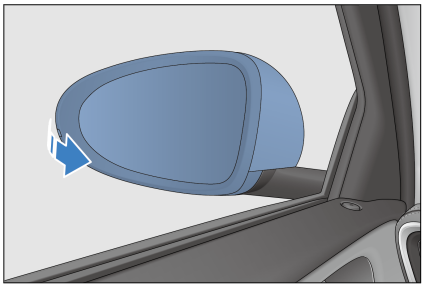
REMINDER

- If the side mirrors get frozen, do not operate the controller or scrape their surface. Deicing spray should be used.
- The power side mirrors have reverse tilt function. The mirrors can automatically tilt down to a comfortable angle in reverse*.

Folding Side Mirrors

Folding side mirrors manually

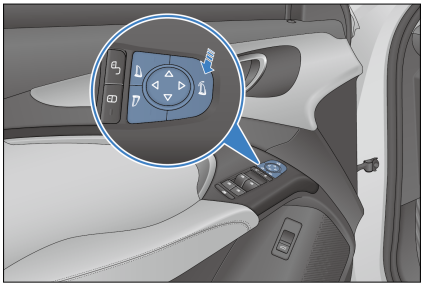
Push the outer edge of a side mirror to rotate it around the folding axis to the locked position.



Electric exterior rearview mirror fold switch

Enable or disable the side mirror auto-fold function in infotainment touchscreen → → **External Mirrors**.

- Press the button to fold the side mirrors with power. Press the button again to unfold the mirrors.
- When entering anti-theft status, the two rearview mirrors automatically fold, and when removing anti-theft status, the two rearview mirrors automatically expand.



Wipers

- Inspect wiper blades for cracks or partial hardening at least every six months. If they are noted, replace wiper blades. Otherwise, the windshield will streak or will be left unclean after wiping.

CAUTION

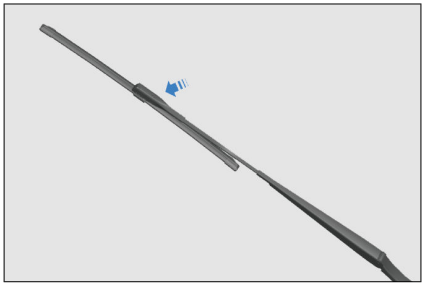
- Do not open the hood when the wiper arms are pulled up, as this may damage the hood and wiper arms.

Replacing Wiper Blades

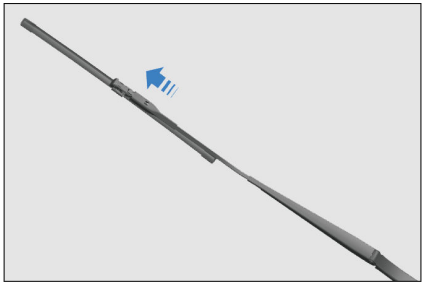
With the ignition on, enable wiper maintenance in infotainment touchscreen → → **Service** →

Overhaul. When this function is enabled, the wipers rotate to the top for easy maintenance and replacement. After maintenance is complete, you can disable the function to return the wipers to the initial position.

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



3. Hold the wiper blade and pull it out along the indicated direction.
4. When installing a new wiper blade, follow the reverse procedure.



CAUTION

- Do not open the hood when the wiper arms are pulled up, as this may damage the hood and wiper arms.
- Handle wiper blades with care. Do not push the wiper arm to let the wiper blade straightly strike onto the windshield.
- Do not bend the wiper blade, and do not obstruct the wiper blade when the wiper is in operation.

05 IN-VEHICLE DEVICES

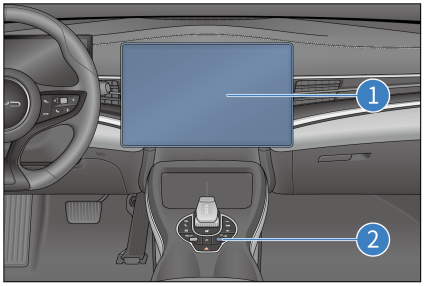
Infotainment System

Infotainment Control Panel

When the ignition is on, the initial screen is displayed for several seconds and the infotainment system starts to work. To better experience infotainment functions, such as intelligent voice control, apps and video call, 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 off the infotainment system, press again to turn it on, and press and hold the button for three seconds to restart the infotainment system.
- When the infotainment touchscreen is on, scroll up (forward direction) to turn volume up or down (rear direction) to turn volume down. Volume ranges from 0 to 39. A mute icon is displayed when the volume is 0.

Reset to factory settings

- If you are sure to reset to factory settings, infotainment system will be reset to the factory settings.
- 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, please wait patiently.

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, 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 your 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.
  - Touchscreen buttons that are grayed out cannot be operated.

CAUTION

- The touchscreen interface shown here is for reference only, please subject to the actual vehicle.
- It is recommended to contact a BYD authorized dealer or service provider in the event of a failure.

Navigation Bar

: returns to the previous page or exits the program.

: returns to the homepage.

: shows recently opened applications.

: switches between landscape and portrait touchscreen modes.

: splits screen if applications support.

: enables screen saver.

: goes to vehicle setting screen.

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

Gestures and Responses

Gestures and associated system responses are:

- Tapping: opens applications, selects functions, clicks icons on the touchscreen, or types characters.
- Dragging: touches and drags an icon, thumbnail, or preview to the target location and releases to change its location.
- Swiping: operational on homepage and app screens.
- Double-tapping: zooms in an image. Double-tap again to return.
- Spreading/Pinching: zooms in or out an image with two fingers.

OTA Upgrade

- The vehicle software can be upgraded. You can go to the infotainment touchscreen → →**System**→**Version**→**Software Version**→**Upgrade** to upgrade the vehicle system and get the latest vehicle functions.
- When a vehicle software needs to be updated, there will be a prompt message. You can upgrade it immediately, schedule an upgrade, or upgrade it by mobile phone according to your use of the vehicle.

CAUTION

- Do not move the vehicle during the OTA upgrade.
- Before the OTA upgrade, make sure the vehicle is parked in a safe area with the gear in "P", and the mobile communication network connection is normal.
- Make sure your vehicle is fully charged before the OTA upgrade.
- Do not install any third-party devices at the vehicle's OBD port before or during the OTA upgrade.
- The vehicle cannot be charged or discharged during an upgrade.

CAUTION

Make sure your vehicle is fully charged before the upgrade.

- During the OTA upgrade, all functions are not available except the smart key/microswitch unlocking/locking, interior light switch, hazard warning light, and window switches.
- If the OTA upgrade fails, try it again. If it also fails, contact a BYD authorized dealer or service provider for handling.

BYD Assistant

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

- Waking up BYD Assistant:
  - On the steering wheel, press the button.
  - Tap on the infotainment touchscreen.
  - Say the wake-up word: Hi, BYD.
- Your voice commands can be recognized after system wake-up.
- Then, you can give the instruction.
  - 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 device** to search for available devices.
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.

Speakers*

- The Dynaudio sound effect includes **Dynaudio Focus**, **Dynaudio Sound** and **Volume Adjusted with Speed**. It can be set in the infotainment touchscreen → → **System** → **Audio**.

Dynaudio Focus

- Dynaudio focus, which includes **Whole**, **Driver**, **Front Passenger**, **Rear**, **Surrounding**, and **Customize**,

uses dynaudio focusing technology to create a balanced sound field around the occupants.

Dynaudio Sound

- Dynaudio sound, which includes **Acoustic**, **Dynamic**, **Soft**, **Speech**, and **Customize**, provides different musical experiences.

Volume Adjusted with Speed

- When the function is enabled, it will adaptively adjust the sense of hearing and reduce the impact of environmental noises of road, tire, wind and so on. It can be set between 0–7, where 0 means turning off and 1–7 are the setting levels. The higher the value, the more the volume is adjusted. The default set value is 4.

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

- Tap 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

- Tap and hold any file, 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, and then tap **Details** to check its attributes.

Phone Projection

Phone projection allows you to connect a smartphone to the vehicle and interact with certain mobile apps on the infotainment touchscreen.

WARNING

- Drive safely. Avoid any possible distractions, or accidents could result.

REMINDER

- Make sure the vehicle is in Park with the infotainment system turned on, and allow time to set up the phone projection app before you start your drive.
- The initial setup process must be completed on the phone: check prompts on the phone for security information, accept privacy policies, and grant necessary permissions.
- The first time you connect wirelessly, you will need to pair your phone and the vehicle via Bluetooth. For best results, keep your phone's Bluetooth, Wi-Fi, and Location Services turned on while you complete the setup.

REMINDER

- Ensure your phone is in range of your mobile data network and has an active data plan.
- Availability of services whose names or logos are shown varies by country and language, and subscriptions for services may be required.

Apple CarPlay

- Connecting with a cable
  - Plug an iPhone to a USB data transfer port on the vehicle with a certified USB cable. Apple CarPlay is then connected.
- Connecting wirelessly
  1. Go to infotainment touchscreen → application screen, tap the Apple CarPlay icon , and pair your iPhone to the vehicle as prompted.
  2. After that, follow on-screen instructions to connect Apple CarPlay.
- Switching between Apple CarPlay and in-vehicle infotainment system
  - To exit Apple CarPlay user interface, tap the BYD icon on this interface, or or in the shortcut bar.
  - To access the Apple CarPlay user interface, tap the Apple CarPlay icon on the infotainment system's application screen.
- For available regions of Apple CarPlay, visit https://www.apple.com/ios/feature-availability/#apple-carplay.

Android Auto

- Connecting with a cable
  1. Plug an iPhone to a USB data transfer port on the vehicle with a certified USB cable.
  2. Follow the on-screen instructions to set up Android Auto.
- Connecting wirelessly
  1. Go to infotainment touchscreen → application screen, tap the Android Auto icon , and pair your iPhone to the vehicle as prompted.
  2. After that, follow on-screen instructions to connect Android Auto.
- Switching between Android Auto and in-vehicle infotainment system
  - To exit Android Auto user interface, tap on this interface, or or in the shortcut bar.
  - To access Android Auto user interface, tap the Android Auto icon on the infotainment system's application screen.
- To use Android Auto on the infotainment touchscreen, you need a compatible Android smartphone. You can check the list of compatible smartphones at g.co/androidauto/requirements undefined.

REMINDER

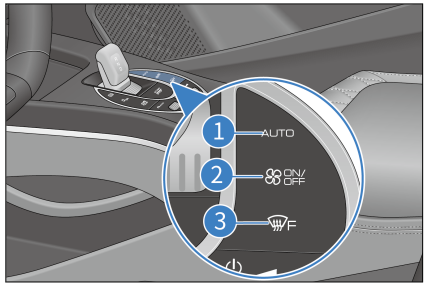
- Android Auto is integrated into phones with Android 10 and above. You do not need to download it.
- For wired or wireless connection, your phone might ask you to update Android Auto before you continue.

Trademark statement

- Apple CarPlay is a trademark of Apple Inc.
- Android and Android Auto are trademarks of Google LLC.

A/C System

A/C Buttons

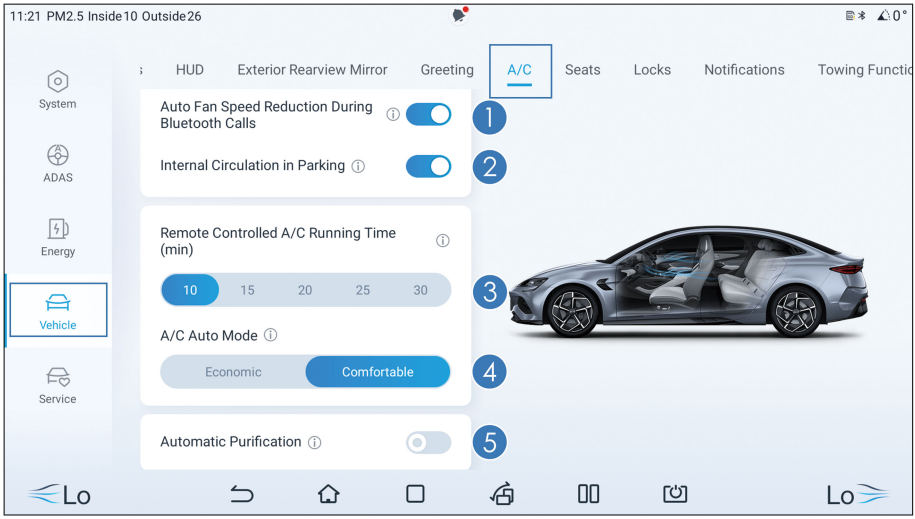


① AUTO

② A/C ON/OFF

③ Front windshield defroster

A/C Operation Interface



① **Auto fan speed reduction during Bluetooth calls**

- Enable or disable auto fan speed reduction during Bluetooth calls.

② **Auto internal circulation upon parking**

- Tap this button to enable this setting.

③ **Remotely controlled air conditioner running time**

- Set the time for remote A/C running.

④ **Auto A/C mode**

- Two options are available: Economical and Comfort.

⑤ **Automatic purification**

- Automatic purification on/close setting.

A/C settings interface

1	A/C operation interface
2	Vent/Heating
3	Air purification
4	A/C settings
5	A/C ON/OFF
6	AUTO mode
7	A/C button
8	MAX cooling
9	Ventilator
10	Front windshield defroster
11	Rear defroster
12	Circulation mode
13	ION
14	Driver's temperature control
15	Air mode control
16	Front passenger's temperature control
17	DUAL
18	Air distribution
19	Fan speed control

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 the operation of the automobile A/C, A/C condensation often remains in the evaporator, and

REMINDER

the wet evaporator can easily absorb unfiltered body sweat, smokes, etc., inside the vehicle. Condensation not blown dry promotes mold growth on the sunless and damp evaporator surface, which is very likely to

REMINDER

produce unpleasant odors with fermentation over time.

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

Function Definitions

Auto mode

- Tap the auto button, its indicator lights up on the front A/C panel, the auto mode is activated.
- If any manual control button is pressed in automatic operation mode, the corresponding status of the button pressed will be set and other statuses will continue to be adjusted automatically.

A/C ON/OFF

- Press this button or tap "ON" on the A/C operating interface to turn on the A/C. The air distribution mode keeps unchanged, while the air input mode turns to recirculation mode. Press this button or tap "OFF" again to turn off the A/C.
- With the A/C turned off, press this button or tap "ON" to turn on the A/C in the memorized modes, with the set temperature, fan speed and air outlet mode being those when the A/C was turned off the last time.

Fan speed control

Tap the suitable blower speed level button to set the blower speed at a desired level. A higher fan speed level indicates a higher air volume.

Front windshield defroster

- Press this button on A/C control panel or tap "Front" on the infotainment touchscreen to distribute air to the front windshield and side windows. Press this button again or tap "Front" on the infotainment touchscreen; the A/C will return to the status used last time.
- Press this button on A/C control panel or tap "Front" on the infotainment touchscreen to activate the defrosting and demisting function and no matter whether the compressor control button is operated or not, the A/C will also be turned on.

Temperature controls

- Driver's temperature control
  - In the individual mode: temperature regulation on the driver's side.
  - In the relative mode: temperature regulation on the driver and front passenger sides.
  - To increase/decrease the temperature, tap the upper/lower arrow on the screen, or touch the temperature display area and then swipe downwards/upwards.
- Front passenger's temperature control
  - In the individual mode: For the front passenger seat temperature regulation.
  - In the relative mode: When the front passenger's temperature control is

operated in relative mode, the A/C system will automatically switch to individual mode.

- To increase/decrease the temperature, tap the upper/lower arrow on the screen, or touch the temperature display area and then swipe downwards/upwards.
- "Lo"/"Hi" is displayed when the temperature is set to the lowest/highest value.

DUAL

- 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. The button icon will be lighted after the individual mode is selected.
  - Relative mode: Adjust the driver side and front passenger side set temperature at the same time by the driver side temperature control. The button icon is gray in the relative mode.
- When the front passenger's temperature control is operated in relative mode, the A/C system will automatically switch to individual mode.

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 deactivate A/C ventilation control and enter AUTO mode.

A/C button (cooling/heating)

Tap this button to turn on the A/C (cooling/heating), the icon lights up and cooling or heating begins. Tap this button again to turn off the A/C. The icon goes out.

Circulation mode

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

Rear defroster

- With the vehicle power in "OK" mode, tap this button to activate the rear windshield defroster/demister and side mirror defroster/demister*.
- The thin electric heating elements inside the rear windshield and side mirrors will make the windshield and mirrors clear. After the windshield and mirror surfaces are clear, tap this button again to turn off the defroster/demister. The system will automatically shut down after the defroster/demister works for 15min.

WARNING

- Do not touch the side mirrors when the rear defroster is activated, because their surfaces will be hot.
- When the ignition is off, be sure to turn off the defogger switch to prevent the low-voltage battery from discharging.

Ventilation

- 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. Tap this button again to exit.

Air distribution

- A/C air distribution
  - Tap the corresponding icon on the infotainment system to select the corresponding air distribution mode.

- You can turn on multiple air distribution modes at a time (up to three).

- Adjustments can be made according to the following air supply.

Blowing face ➡ : Air flows to the face level.

Blowing legs ⬇ : Air flows to the leg level.

Defrost : 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".

Turning on A/C by cloud service

- You can turn on the A/C through BYD app interface to gain a comfortable interior environment in advance.

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.

- Make sure that the air intake grille in front of the windshield is not blocked (for example, leafs 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.

- In dusty or windy driving conditions, close all windows, If the dust raised by other vehicles still enters the vehicle even if all windows are closed, it is recommended to set the air intake mode as recirculation mode and set the blower speed at any position other than "0".

- To speed up cooling, adjust the temperature to "Lo" and use the recirculation mode for a few minutes.

- 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 heating mode, press the compressor control button to light up the button (turning on the compressor), which can reduce airflow moisture.

- In the ventilation mode, the system introduces the natural wind from outside, which is suitable for spring and autumn.

Vents

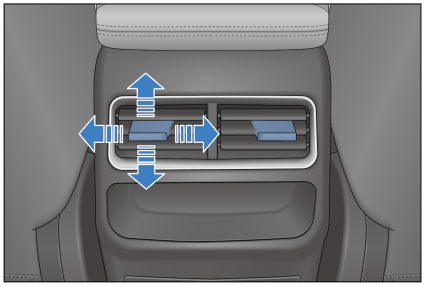
To access the A/C setting page, go to Infotainment touchscreen .

The vent area is the adjustment area of A/C vents. Touch the sliding area to adjust the air outlet direction.

- Driver side front blowing button
  - Press this button to distribute air to the driver. The air begins to sweep around the driver's head.
- Driver side surrounding button
  - Driver side vent starts blowing surrounding people to avoid human body.
- Driver side air sweep button
  - Driver side vent starts blowing mode and wind direction begins to sweep horizontally.
- Driver side free wind button
  - The left vent and right vents on the driver seat are adjusted mannually, you can adjust the wind direction casually.
- Driver seat side air vent close button
  - The left vent and right vents on the driver seat will close.
- Smart vent button
  - The A/C will automatically switch various air outlet modes such as front blowing, blowing surrounding and air sweeping according to the state.
- Front passenger side front blowing button
  - Press this button to distribute air to the front passenger. The air begins to sweep around the front passenger's head.
- Front passenger side surrounding button
  - Front passenger side vent starts blowing surrounding people to avoid human body.
- Front passenger side air sweep button
  - Press this button to start sweeping air on the front passenger side. The air begins to sweep in the range of left and right vents.
- Front passenger side free wind button
  - The left and right vents on the front passenger seat are adjusted manually. Users can adjust the air direction of these two vents at will.
- Front passenger seat side air vent close button
  - The left and right vents on the front passenger seat will be closed.

Rear vent

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



is turned on, the system thoroughly removes PM2.5 particles from the air blown into the cabin.

Air purification operation interface

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

Air Purification System

The air purification system purifies airborne PM2.5 particles. When A/C

1 Air purification

2 PM2.5 detection

3 Quick purification

4 ION

5 Outside PM2.5 value and level

6 Inside PM2.5 value and level

PM2.5 detection

Tapping this button lights it up and activates detection of real-time PM2.5 concentration inside/outside, which will be displayed on the infotainment touchscreen. The detection stops when the button turns off.

Quick purification

Tap this button to activate quick purification. Tap it again to deactivate quick purification.

ION

- Function: sterilization, air purification, refreshing.
- Tap the "ION" button on the A/C or green air purification interface to inactivate or activate the ION.

Outside PM2.5 value and level

- Displays the PM2.5 value and level outside the vehicle.

Inside PM2.5 value and level

- 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.
- The frequency of PM2.5 detection should be reduced in the following environments:
  - Sandstorms and other such extremely harsh environments.
  - Cold regions (with ambient temperature below -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 air flow speed in recirculation mode can quickly reduce the concentration of fine particles in the air inside the vehicle.

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.

BYD App

BYD App

- BYD App is a mobile application of Internet of Vehicle (IoV) developed by BYD independently. It allows you to control the vehicle remotely and check vehicle conditions, delivering cloud era experience of IoV.
- You can search for "BYD" in application markets such as Google Play and 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 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 perform other settings.
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

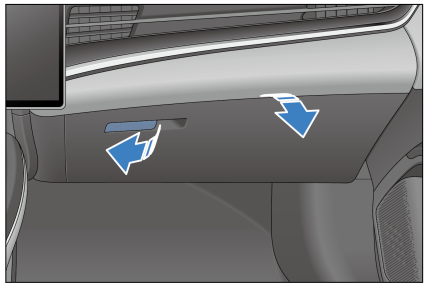
Tap the icon on the upper right corner to go to the individual center.

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

Storage

Glove Box

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

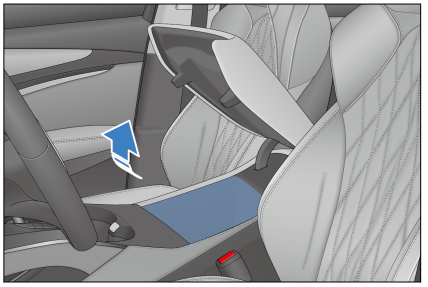


REMINDER

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

Cubby Box

- Pull up the front of the cubby box to open it.



REMINDER

- Keep the bill box closed while the vehicle is in motion.

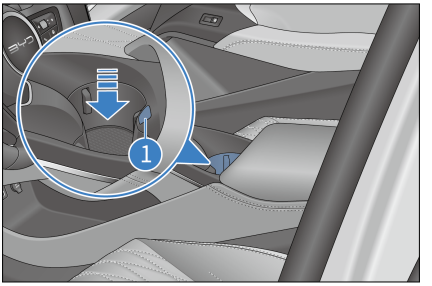
Cup Holder

Front Seat Cup Holder

The cup holder is used to securely hold cups, movable ashtray, beverage can, etc.

Driver's side lifting cup holder*

- Lowering - press the cup or directly press the bottom of the cup holder to lower the cup holder by 40 mm.
- Rising - press ① unlock button to rise the cup holder to the initial position.

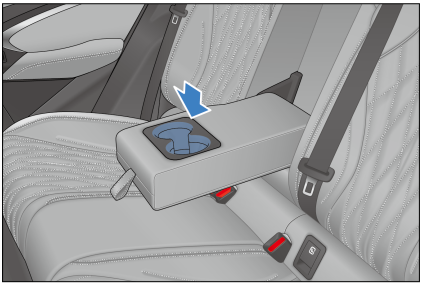


REMINDER

- The cup holder should hold a cup or beverage can securely to avoid any liquid spilling.
- Please keep the inside of the cup holder clean and free of debris, such as sand, leaves, and peanut shells.

Rear Seat Cup Holder

- Flip the rear seat armrest to use the cup holder.



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

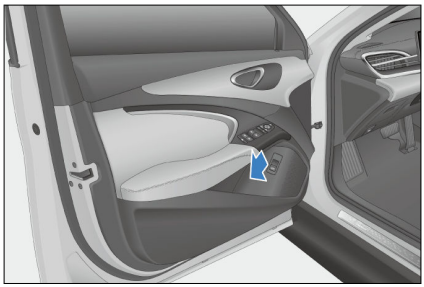
CAUTION

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.

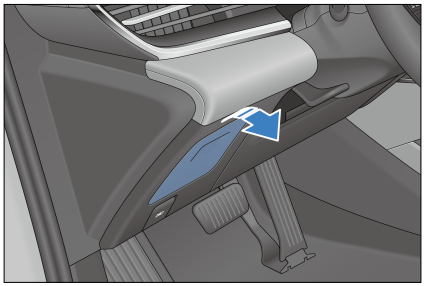
Storage Box on Interior Panel

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



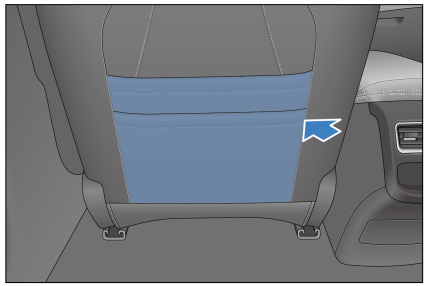
Bill Box

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



Seatback Pockets

- There are seatback pockets at the back of the front seats for magazines, newspapers and phones.



Engine Compartment Storage

- Open the hood to use the engine compartment storage.

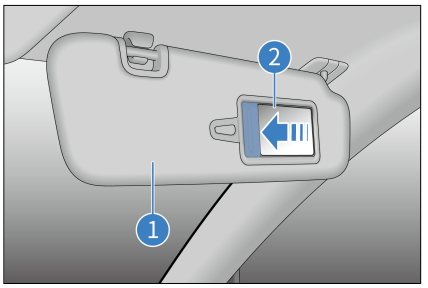
Other In-Vehicle Devices

Sun Visors

① Sun visor

- 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

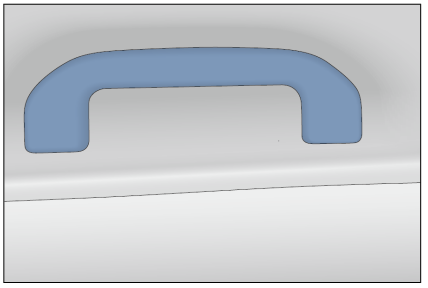
- Flip down the sun visor and slide the mirror cover for use.

REMINDER

- Reasonable and correct use of sun visors can improve driving comfort and safety.

Grab Handle

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

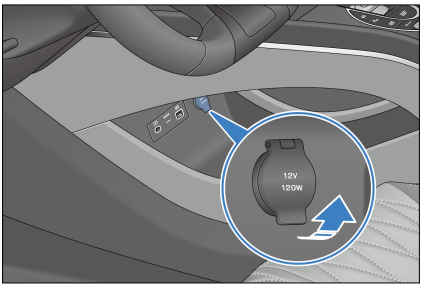


CAUTION

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

12V Auxiliary Power

- It is used for accessories with 12V DC working voltage and no more than 10A working current.
- The 12V auxiliary power is available only when the ignition has been switched on. Lift the cover to use it.



CAUTION

- To prevent fuses from blowing, the power consumption must not exceed 12V/120W of total vehicle load.
- To prevent draining the low-voltage battery, do not use the 12V auxiliary power supply for a long time when the drive motor is not running.
- 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.

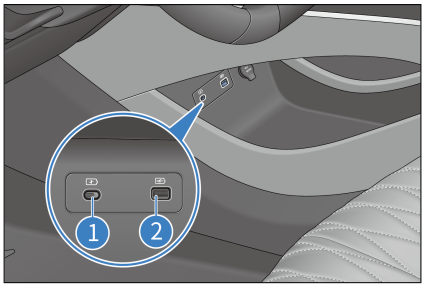
USB Ports

Front-Row USB Ports

They are located at the hollowed-out part below the auxiliary dashboard near the driver's side seat.

① Type-C fast charge port

② USB data transmission port



CAUTION

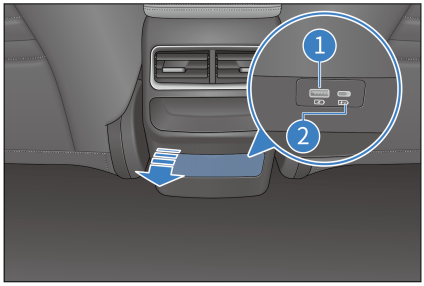
- It is recommended to use a USB storage device with a partition format of FAT32 and a memory of 8~128G.
- Do not use special USB storage devices to avoid damaging the infotainment system or data in the USB device.

Rear-Row USB Ports

- The rear USB ports are located behind the center console cubby, and can be opened by pressing the protective cover.

① USB charge port

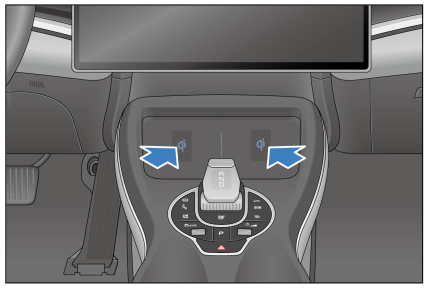
② 60W fast charge port



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

Wireless Phone Charging

- Wireless Phone Charging is in the front center console. When the ignition switch is on OK, put the phone on the non-slip rubber pad in the wireless charging area with the phone screen facing up. The phone automatically begins wireless charging, and a charging icon is displayed on the infotainment screen.



- The wireless charger only works with Qi-certified phones.
- Wireless phone charging uses a coil to transmit electrical energy to a phone battery through electromagnetic wave induction so that the phone can be charged without a cable connection.

REMINDER

- This function allows charging two phones at the same time.
- A phone case that is too thick may prevent charging.
- You can use the Qi soft switching via PAD to separately activate/ deactivate the wireless charging on the left or right side.
- On bumpy roads, the wireless phone charging may intermittently stop and then resume.

REMINDER

- Try to ensure that the surface on which a mobile phone is placed is parallel to the charging module. If the phone moves from the wireless charger area and stops charging, move it back.
- If the phone cannot be charged properly, ensure that there are no foreign objects in the wireless charger area, or wait for the wireless charger area to cool down before trying again. If it is still impossible to charge the phone, contact a BYD authorized dealer or service provider.
- After power-off, if the phone is still charging and the driver's door is opened, the instrument cluster sounds an alarm and the message "Please take your cell phone with you" is displayed for five seconds.

CAUTION

- Ensure your smart key is more than 25 cm away from the wireless charger area when the wireless charger system is working.
- To avoid wireless charger dysfunction or even accidents, do not place coins, metal keys, metal rings, or other articles containing metal in the wireless charger area together with the phone.
- To avoid damage to the charger area, do not place heavy objects on it.
- If the phone wireless charger system is faulty and does not work properly, it is recommended to contact a BYD authorized dealer or service provider.

CAUTION

- 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.
- For better charging, the center of the phone coil must be aligned with the center of wireless charger (indicated with text in the charging area).
- Prevent any fluid from coming into contact with the charger area. The wireless charger will malfunction if water enters the wireless charger via the gap around the rubber mat.
- Charging may stop at high temperatures, and will resume once the temperature drops.
- The wireless phone charger system can charge Qi-certified phones, and non-Qi-certified phones are not guaranteed for normal charging.
- BYD makes no commitments for problems caused by external wireless charging coils. Please use with caution.

CAUTION

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

06 MAINTENANCE

Maintenance Information

Maintenance Cycle and Items

Maintenance Plan

- The maintenance plan is designed to ensure stable driving, failure reduction, safe and economical driving.
- The maintenance schedule lists all the maintenance items that are necessary to keep the vehicle in optimum condition at all times.
- The items in the maintenance schedule are important and need to be maintained according to the time interval.
- Hoses with any degradation or damage should be replaced immediately. Rubber hoses (for systems such as cooling, heating, and braking systems) must be checked by professional technicians according to the maintenance schedule.
- It is recommended that the maintenance be performed in accordance with the standards and specifications of BYD Auto Co., Ltd., and by a local BYD authorized dealer or service provider.
- The maintenance schedule lists the maintenance items and travel time or distance based on the assumption that the vehicle is used as a normal means of transportation to carry passengers and goods that do not exceed the vehicle load limit.

Maintenance Schedule Requirements

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

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

- Road conditions
  - Muddy, sandy, or snowy roads.
  - Dusty roads.
- Driving conditions
  - Use of towed trailer, camping trailer, or roof rack*.
  - Within 8 km, repeated short distances are driven and the outside temperature is below freezing.
  - Long idling and/or long distance driving at low speed, for example, using the vehicle as a police car, taxis or using it for transporting goods.

Maintenance Schedule

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

Item	Interval
Brake friction block and disc	Check every 24 months or 30,000 km
Brake piping and hoses	Check every 24 months or 30,000 km
Steering wheel and tie rod	Check every 24 months or 30,000 km

Item	Interval
Drive shaft boot	Check every 24 months or 30,000 km
Ball pin and boot	Check every 24 months or 30,000 km
Front and rear suspensions	Check every 24 months or 30,000 km
Tire condition and inflation pressure, incl. TPMS	Check every 24 months or 30,000 km
Tire wear (Check front and rear wheel alignment when tire uneven wear is greater than 2 mm)	Check during maintenance and rotate when necessary; Under severe working conditions, check more frequently and rotate when necessary
EPS corrosion and foreign materials on or ablation of connectors, including wiring harness GND point	Check every 24 months or 30,000 km
Coolant level in expansion tank	Check every 24 months or 30,000 km
Brake fluid	Check every 24 months or 30,000 km
Bumps or deformation of the high-voltage battery tray, crash bar, shield, and explosion-proof valve*, and powertrain leaks	Check every 24 months or 30,000 km
A/C filter*	Check every 24 months or 30,000 km. In severe driving conditions, check every six months and replace if necessary
Drive motor coolant	Replace the long-acting organic acid coolant every six years or 90,000 km
Brake fluid	Check during maintenance and replace every 24 months or 30,000 km
Gear oil in the transmission	Replace the gear oil and filter at 24 months or 30,000 km for the first time, and every 24 months or 48,000 km afterwards
Notes: When checking Item 1, replace chassis parts in a timely manner if any abnormal damage is found.	

CAUTION

- Brake friction pads and discs need to be checked at different intervals and more frequently in severe weather conditions, such as extremely cold regions like Norway, Finland and Iceland.

CAUTION

REMINDER

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

Severe driving conditions refer to:

- Frequent driving in dusty areas or frequent exposure to salt-laden air.
- Frequent driving on bumpy, puddled, or mountain roads.
- Driving in cold weather.
- Frequent and sudden braking.
- Frequent use of a towed trailer.
- Use as a taxi.
- Driving in congested urban areas at temperatures above 32°C for more than 50% of total travel time.
- Driving at speeds over 120 km/h at temperatures above 30°C for more than 50% of total travel time.
- Frequent driving with full loads.

Regular Maintenance

Regular Maintenance

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

CAUTION

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

- Pay attention to vehicle performance, sound changes, and visual evidence that indicates service is required. Under any of the following circumstances, it is recommended to send the vehicle to a BYD authorized dealer or service provider for inspection or repair as soon as possible:
  - Motor start produces unusual noises.
  - Coolant remains overheated, is stagnated or leaks.
  - Motor jams and produces unexpected noise.
  - The motor runs with excessive vibration.

- The motor fails to get started.
- Electric assembly leaks oil.
- Electric assembly emits odors.
- Power declines significantly.
- Water leaks from under the vehicle (A/C condensate is normal).
- Tire deflates; tires make excessive noises at turns; tire wear is uneven.
- Vehicle leads to one side when driving straight on a flat surface.
- Suspension unit movement leads to unusual noises.
- Loss of braking effect; sponge feeling on the brake pedal or clutch pedal; pedal almost contacts the floor; vehicle leads to one side when braking.
- Motor coolant temperature remains high.
- Battery capacity decreases significantly.
- High battery temperature or overheat protection persists, or there is no power output.

REMINDER

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

Vehicle Corrosion Prevention

The most common causes of vehicle corrosion are:

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

The following rules should be observed to prevent vehicle corrosion:

- Wash the vehicle frequently.
  - If driving on saline roads in winter or living in coastal areas, wash the landing area of the vehicle at least once a month, and clean the chassis and hubcap with a high-pressure water jet or steam to reduce corrosion. Wash the chassis thoroughly after winter.
- Check body paint and trims.
  - Any chip or crack found on the paint must be repaired immediately to prevent corrosion. If fragments or cracks peel off from the metal surface, it is recommended to go to a BYD authorized dealer or service provider for repair.
- Check cabin interior.
  - Moisture and dust buildup under the carpet can cause corrosion. Check the undersides of carpets frequently to make sure these areas are dry.
  - Special care should be taken when transporting chemicals, detergents, fertilizers, salt, and other substances, and such substances should be kept in appropriate containers for transportation. If spillage or leakage is found, clean immediately and keep dry.
- Use fenders.
  - Fenders can protect vehicles in saline areas or on gravel roads. The bigger and closer to the ground the fender, the better.

- Park in a well-ventilated and dry area.

Paint Maintenance Tips

- Do not perform secondary painting if there is no obvious scratch 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 can cause peeling of paint layer or corrosion of the vehicle body and parts:
  - Driving along the coast.
  - Driving on roads with anti-freeze.
  - Driving on roads covered with coal tar.
  - Resin, bird droppings, or insect carcasses are stuck on the vehicle.
  - Driving in areas with a large amount of smoke, soot, dust, iron filings, or chemicals.
  - The vehicle is 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.

1. Hose off loose dirt, including all mud or road salts at the bottom of the vehicle and on wheel pits.
2. Wash the vehicle with neutral agents, the mixing of which should be carried out according to the manufacturer's instructions. Soak a soft cloth with cleaning solution and gently wipe it down along the direction of the water flow. Do not wipe in a circular motion or horizontally.

3. Rinse well—Dried washing agent forms markings. After washing the vehicle in hot weather, rinse all parts properly.
4. Dry the vehicle with a clean soft towel to prevent stay water marks. In order to prevent scratching, do not rub or apply excessive force on the paint.

REMINDER

- Do not use any strongly alkaline washing powder, soapy water, detergents, de-waxing detergents or organic substance (gasoline, kerosene, volatile oil, or strong solvent) to clean the vehicle.
- When cleaning the combination lights, do not wipe their surface with chemical solvents such as gasoline, alcohol, lacquer thinner, thinner, and carbon tetrachloride. Doing so can 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. Replace any seriously damaged plastic wheel trim in a timely manner. 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.

REMINDER

- Clean polished metal parts with carbon cleaner and wax them regularly for protection.

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 staff of the car wash service provider to understand which washing procedures are the safest for the paint finish.

Interior Cleaning

REMINDER

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

Carpet

- Clean carpets with a good foam detergent.
- Use a vacuum cleaner to remove as much dust as possible. Several types of foam detergents can be used. Some are in spray cans, and the others are powders or liquids, which produce foam when mixed with water. Clean the carpets with foam soaked sponge or a brush, scrubbing in a circular motion.
- Do not use plain water, and keep the carpets as dry as possible.

Seat Belts

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

CAUTION

- Do not clean the seat belt with colorant or bleach. These substances may decrease the seat belt's strength.
- Do not use any seat belt that is not dry.

Doors and Windows

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

CAUTION

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

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

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

CAUTION

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

Leather

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

CAUTION

- If dirt cannot be cleaned off using a neutral detergent, clean it with a detergent that does not contain organic solvents.
- Do not clean leather with any organic material such as volatile

CAUTION

oil, alcohol, gasoline, acid or alkali, as these will cause discoloration.

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

Self-Maintenance

Self-Maintenance

Self-Maintenance Precautions

- If 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:

CAUTION

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

Checks

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

- Coolant level - Check the expansion tank coolant level at each charge.

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

REMINDER

- Do not continue driving a vehicle that has not been inspected, as

REMINDER

this may result in serious vehicle damage and personal injury.

Combination Lights

Front Combination Lights 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 the condensation on the side window when it rains. 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 easily cause the moisture in the air to condense into fog or water beads on the lamp surface at low temperatures. This is called headlight fog.

REMINDER

- If fog presents inside the combination lights and inside

REMINDER

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

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

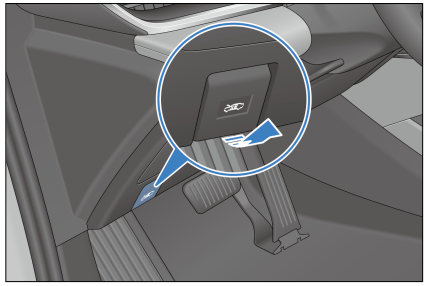
Vehicle Storage

- If the vehicle needs to be parked for a long time (more than a month), the following preparations should be made. Proper preparation helps prevent degradation and ensure easy reuse of the vehicle. If possible, park the vehicle indoors.
- Charge the vehicle on time.
- Thoroughly clean and dry the body surface.
- Clean the interior of the vehicle to ensure that carpets and mats are completely dry.
- Release the parking brake and set the gearshift lever in parking gear.
- Open one window slightly (if the vehicle is stored indoors).
- Disconnect the negative terminal of the low-voltage battery.
- Pad the front wiper arm with a folded towel or cloth to keep it out of contact with the windshield.
- To reduce adhesion, apply silicone lubricant to all door seals and body wax to the painted surface where the door seals meet.
- Cover the vehicle body with a breathable covering made of 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 once every month). If the vehicle has been parked for a year or more, go to a BYD authorized dealer or service provider for comprehensive maintenance.

Hood

Opening the Hood

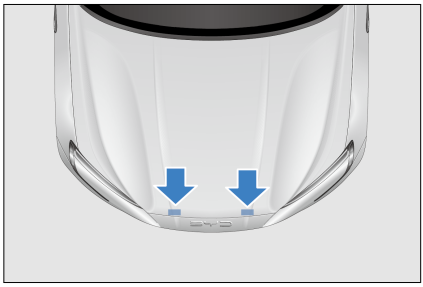
1. Pull the handle on the left under the dashboard twice. The hood unlocks and opens slightly.



2. Raise the hood to an appropriate height; then it will automatically rise to the open state.

Closing the Hood

1. To close the hood, lower it to a proper height and push it slightly until it partially locks. Then press slowly and evenly on the blue area as shown in the illustration with both hands to fully lock it. Keep your hands at a certain distance and do not press the edges.



2. After closing the hood, check whether the latch is securely locked.

REMINDER

- Ensure that the hood is closed and locked firmly. Otherwise, the hood may suddenly open during driving, resulting in an accident.
- Do not force down the hood.
- Do not close the hood with one hand, as this may concentrate the force in one area and cause damage to the hood.

REMINDER

- Do not press the front edge of the hood to prevent damage to the vehicle.

Cooling System

- It is required that the liquid level should be between the Maximum(MAX) and Minimum(MIN) marker lines of the expansion tank.
- The coolant must always be of the same specification as the original, without adding any mixture. Different brands and types of coolant should not be mixed.

- Refill coolant to the MAX line if the level is below the MIN line. Check the cooling system for leakage.

REMINDER

- Opening the coolant expansion tank when the motor has not yet fully cooled down may cause coolant to squirt out, resulting in severe burns.

CAUTION

- Do not add any rust inhibitor or other additives to the cooling system. This is because these

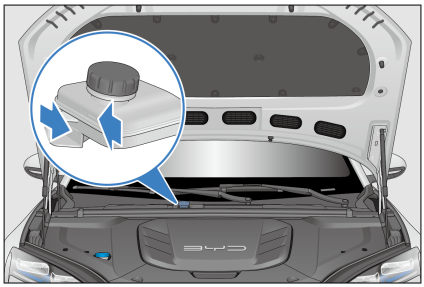
CAUTION

additives may be incompatible with the coolant or motor components.

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

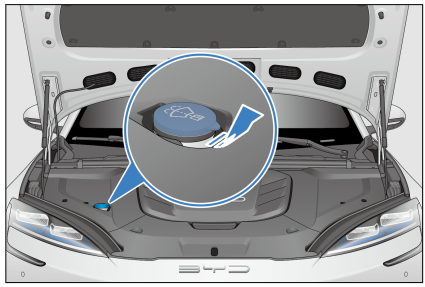
Braking System

- 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.



Windshield 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. This helps 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.

- The following practices help 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 of the A/C system. These deposits hinder the air flow and reduce the cooling effect.
  - In cold months, turn the A/C on once a week for at least 10 minutes to circulate the lubricating oil in the refrigerant unit.
- If A/C cooling 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 windscreen wax cleaner to remove the wax layer on the windshield.
- To prevent excessive water pressure from damaging the blades, do not wash the blades directly with a water jet.

Maintenance Rules

- Clean windshield and blade regularly (preferably once a week or once every two weeks).
- Wipe the wiper regularly (preferably once a day or once every two days). When using a blade to wipe the windshield, keep the windshield fully wet. (When there is no rain, the washer liquid must be sprayed in advance).
- Clean the windshield with a special windshield washer fluid.
- Promptly clean mud and insect carcasses stuck to the windshield with a rag.
- When there are marks on the windshield caused by gravel, maintenance must be carried out timely. (It is recommended that windshield repair resin products should be used and the windshield should be replaced if marks are too large or too many.)
- Replace the wiper blades regularly, preferably once every six months.
- When cleaning the windshield, raise the wiper arm in advance. The specific operation method is as follows:

  1. Go to infotainment touchscreen → → **Vehicle health** → **Overhaul**

to enable front wiper maintenance. The wiper is then rotated down.

2. Grasp the upper end of the wiper arm and carefully lift the wiper arm and blade assembly.

Tires

- For safe driving, tires must be made and sized to fit the vehicle, with good tread and standard tire pressure.
- 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 excessively worn tires, or with too high or low pressure, poses a high risk of accidents.
- Follow all of the instructions in this manual on tire inflation and maintenance.

Tire Inflation

- Keep tires properly inflated to provide the best combination of maneuverability, tread life and driving comfort.
- Under-inflated tires can cause uneven tire wear, affect steerability and energy consumption, and are prone to leakage due to overheating.
- Over-inflated tires reduce riding comfort and are prone to damage from uneven roads. In severe cases, the risk of tire bursting poses severe threats to the safety of the entire vehicle. Over-inflation will also cause uneven wear and tear of tires, affecting tire service life.
- 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 bar) 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 tire pressure label (stuck on the driver's side door frame) indicates the recommended cold tire pressure.
- Tubeless tires have a self-sealing function when they are punctured. However, as the leak is usually very slow, as soon as the tire begins to depressurize, carefully look for the leak location.

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 cases 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.

- Tire treads are cast with wear bars. When the tread is even with the wear bar, its thickness is less than 1.6 mm. The adhesion of tires worn to this extent is very small on wet roads.
- Tires with exposed wear bars are experiencing serious performance loss and therefore 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.

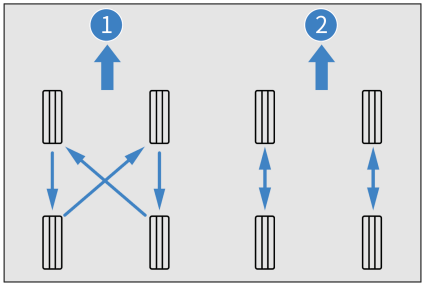
Tire Rotation

- In order to make tires wear the same and prolong their service life, it is recommended to regularly (no more than 10,000 km) check the wear of the tire inner and outer tread and rotate the tires and conduct four-wheel alignment, inspection and adjustment if necessary.
- Do not rotate tires when a spare tire is used for the vehicle.
- After tire replacement, contact a BYD authorized dealer or service provider for tire pressure matching.

Directional tires and wheels

- When purchasing replacement tires, you may find that some tires are "directional", which can only be rotated in one direction. If directional tires are used, only the front and rear wheels can be swapped in tire rotation.
- Tire rotation is as shown:

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



Tire and Wheel Replacement

- Original tires maximize performance, while providing the best combination of maneuverability, driving comfort and service life.
- Go to a BYD authorized dealer or service provider for replacement of original tires.
- Replacement of tires with different sizes, road ranges, rated speeds and maximum cold pressures (marked on the tire side) or mixed use of radial tires and diagonal tires can reduce braking ability, driving force (ground adhesion) and steering accuracy.
- The installation of unsuitable tires can affect the maneuverability and stability of the vehicle, and may lead to accidents.
- It is best to replace all four tires at once. Do not replace only one tire; otherwise it will seriously affect the maneuverability of the vehicle.
- ABS works by comparing wheel speed. When replacing a tire, use a tire of the same size as the original tire. The size and structure of the tire can affect wheel speed and may lead to uncoordinated system operation.
- If the wheel needs to be replaced, ensure that the specifications of the new wheel match those of the original wheel. New wheels are available for purchase at a BYD authorized dealer or service provider. Please consult a BYD authorized dealer or service provider before replacing the wheels.

REMINDER

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

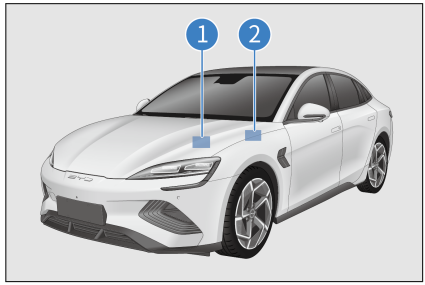
- Do not mix radial tires, bias belted tires or diagonal ply tires.
- Only use the tire sizes recommended by the manufacturer.

Fuses

All vehicle circuits are provided with fuses to prevent short circuit or overloading. These fuses are mounted in the under-bonnet power distribution box (PDB) and dashboard PDBs, respectively. Fuse labels are included in these PDBs, showing the correspondence of fuses with electrical components.

① Under-hood PDB

② Dashboard PDB



- The fuses under the hood are located at the left rear part in the engine compartment. To open it, remove the trim first, and press the latch.
- The dashboard fuse under the driver's side is located on the left side of the

dashboard. Take apart the lower body of the dashboard to check the fuse.

- Replacement of blown fuses with ones of higher amperage can significantly increase the likelihood of damage to the electrical system.
- If there is no spare fuse of the same amperage, use a fuse with lower amperage instead.

REMINDER

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

07 WHEN FAULTS OCCUR

When Faults Occur

Reflective Vest

REMINDER

- The reflective vest is in the tool kit. In case of emergency, always wear the reflective vest properly before you check for faults or handle accidents to ensure your safety.

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.

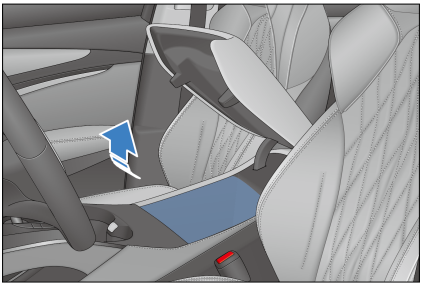
CAUTION

- Do not place the smart key in a position exposed to high temperature.
- Check for nearby radio stations, substations or airport radio transmitters that may interfere with the normal operation of electronic smart keys.
- After locking the vehicle and arming its anti-theft alarm system, keep the key away from the vehicle if you do not use the vehicle; otherwise the automatic card finding of the vehicle will consume the power of the low-voltage battery and the smart key. Do not place the smart key

CAUTION

in a position exposed to high temperature.

1. Use the mechanical key to unlock the vehicle.
2. Press the brake pedal and the START/STOP button. The smart key warning light comes on and the speaker in the vehicle gives a beep.
3. Keep the electronic smart key close to the no-power mode sign in the cubby box within 30 seconds after the speaker beeps. Then the speaker beeps again and the smart key warning light goes off. This means the vehicle can be started.



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

Emergency Shutdown System

- The emergency shutdown system is activated and the high-voltage system is automatically shut down when the following conditions are met:
  - The airbags do not deploy after a frontal collision.
  - There is a rear collision.
  - The vehicle system is faulty.

- The OK indicator goes off if any of the above situations occurs.
- 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 for help. The system is turned off immediately even if the ignition is switched on. Contact a BYD authorized dealer or service provider as soon as possible.

Vehicle Collision Rescue

Vehicle Collision Rescue

If a Collision Occurs

1. Immediately power off the vehicle, turn on the hazard warning light, evacuate occupants to a safe area, and place a hazard warning sign on the rear of the vehicle in accordance with local codes.
2. Call the police rescue number according to the actual situation and contact a BYD authorized dealer or service provider.

- The vehicle collision will activate the emergency shutdown system and the OK indicator lights off. In that case, the vehicle will fail to be in a driver-ready state. It is recommended to contact a BYD authorized dealer or service provider.
- If it is not possible to estimate the extent of damage to the vehicle after a collision, do not get close enough to touch the vehicle to avoid the risk of high voltage shock.
- If the occupant is trapped and needs to be cut into the vehicle for rescue, contact the professional rescuer for cutting and disconnect the high-voltage system before cutting. Cutting schematics can be found on the Rescue Sheet in the documentation that came with the vehicle, or offered by contacting a BYD authorized dealer or service provider.

WARNING

- Do not carry out maintenance work during charging.
- 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.

Battery Leakage Rescue

After a collision, if there is battery leakage, an acrid smell inside the vehicle, visible acid flow outside the vehicle, or any smoke with the battery pack:

1. Immediately power off the vehicle and evacuate occupants away from the vehicle. It is recommended to call immediately a BYD authorized dealer or service provider for rescue.
2. Disconnect the low-voltage battery wearing a protective mask and anti-corrosion gloves if conditions permit.
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.
- 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 injuries or death. The orange cables are part of high-voltage wiring harness. Users must

WARNING

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.

Vehicle Fire Rescue

If the vehicle is on fire, immediately power off the vehicle and evacuate occupants away from the vehicle. Under the premise of ensuring personal safety, the following operations are carried out according to the actual situation:

1. Call the police rescue number according to the actual situation and contact a BYD authorized dealer or service provider.
2. If the fire is small and slow, use a dry powder fire extinguisher to put out the fire.
3. If the fire is large and growing quickly, stay away from the vehicle to stand to the wind position, and wait for professional rescue.

CAUTION

- Use fire extinguishers of designated type. Water or incorrect fire extinguishers may cause electric shock.
- In the event of other special conditions that cause flying projectiles (such as interior trims and glass), stay away from the vehicle and promptly ask a

CAUTION

BYD authorized dealer or service provider to come to the site for handling.

- If you inhale smoke, seek medical attention immediately.

If the Vehicle Needs Towing

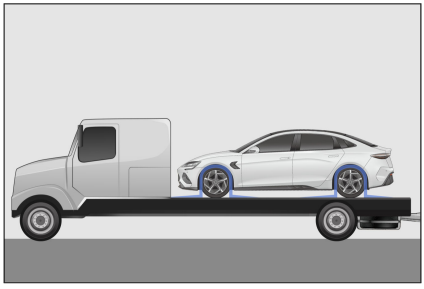
If the vehicle needs towing, it is recommended to contact a BYD authorized dealer or service provider, a professional towing service, or the organization you joined for roadside assistance.

CAUTION

- Do not allow other vehicles to pull your car with only ropes or chains.

Common towing methods include:

- Flatbed device
  - If the vehicle fails and needs towing, a flatbed is recommended. When the vehicle is being towed, keep its four wheels off the ground. Towing the vehicle on front or rear wheels alone may damage high-voltage components.



REMINDER

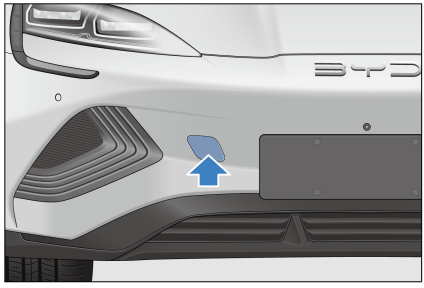
- When moving a vehicle on a flat trailer, make sure that the vehicle being moved is properly secured to prevent it from sliding back.
- It is recommended to use professional tire straps and tighteners, and over-the-wheel binding is recommended for securing moved vehicles.
- When fixing the vehicle, do not pass the fixtures such as straps and ropes through the wheels or tie them on the chassis, suspension and other body parts to prevent damaging the vehicle.
- When transporting a vehicle, make sure that the wheels of the moved vehicle cannot turn to avoid damage to the vehicle.

Tow Eye

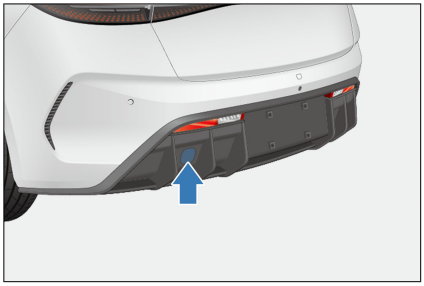
With front and rear openings, the tow eye is installed as follows:

1. Press to open the tow eye cover.
2. Install the tow eye in the tow eye opening.

The front mounting point is shown in the illustration.



The rear mounting point is shown in the illustration.



- If the vehicle needs rescue, call a professional rescue or the customer service number.
- In emergency rescue situations where the vehicle needs to be towed, observe the following to avoid vehicle damage or personal injuries:
  - The towing vehicle must be in good conditions, with a tow speed no more than 5 km/h.
  - Never use jerking actions to pull the vehicle.
  - The towed vehicle must not carry any person except for the driver or tow any trailer.
  - Both towing and towed vehicles must have their hazard warning lights on.
  - To avoid damages to the vehicle, only the in-vehicle tow eye can be used.
  - The distance between the towing and towed vehicles must be more than 4 meters but less than 10 meters.
  - The width and weight of the towed vehicle must not be greater than those of the towing vehicle.
  - When towing the vehicle, ensure its surroundings are unobstructed and have enough space and no person is close to the towing device.
  - When freeing the vehicle, control to make it travel in the direction of tow force. Dragging the vehicle from the side or vertically is prohibited.
  - The towed vehicle must be controlled by a driver inside the cabin, with the steering and braking systems in normal conditions.

WARNING

- Never rescue a stuck or high-centered vehicle with tow eyes. Call a professional rescue or the customer service number.
- If the steering or braking system of the towed vehicle fails, contact a professional rescue or call the customer service number. Do not tow the vehicle directly.

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 and flat ground.
- Please refer to the followings to operate when parking:

1. Depress the brake pedal to stop the vehicle smoothly, and then press the "P" button and shift into Park. In such case, the Park gear indicator on the instrument cluster lights up.
2. Press START/STOP 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 with a flat tire. Even a short distance of driving with a flat tire can cause irreparable damage.

In-Vehicle Tools

- These tools are stored in a tool box under the trunk cover flap.

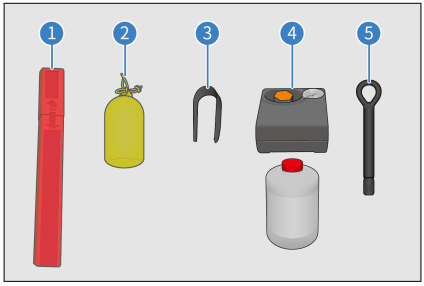
① Warning triangle

② Reflective vest

③ Lug nut cover removal clamp

④ Using tire repair device

⑤ Tow hook



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

Placing the Warning Triangle

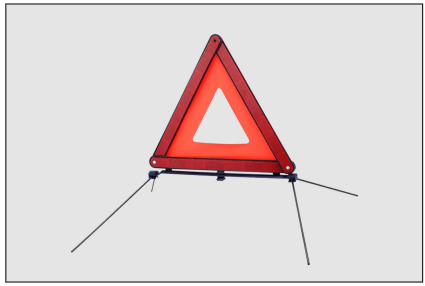
REMINDER

- Before repairing the vehicle while stopped on a public road, remember to place a warning triangle in the lane where your vehicle is located, 100-200 m behind the vehicle, red side facing vehicles oncoming from behind, in order to warn them and prevent accidents. 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.

WARNING

- The tire repair kit is only suitable for minor damages of tires. If a wheel is damaged, tire puncture sealant kit is prohibited.

WARNING

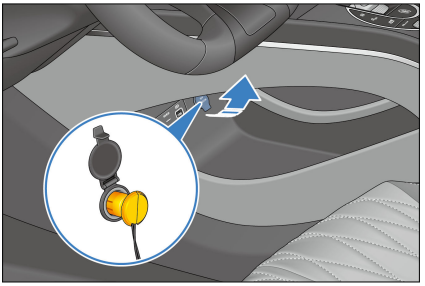
- Tire sealant is highly flammable and harmful to health. Take necessary precautions to prevent fire and avoid contact with skin, eyes, and clothing; keep away from children; and do not inhale its vapor.

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.

Using the Tire Repair Kit

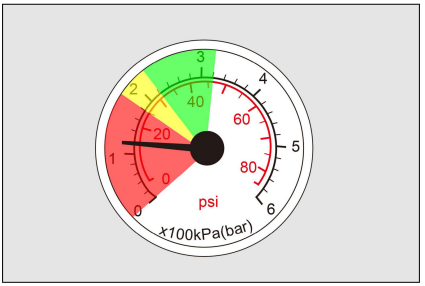
- See labels on the inflator and tire sealant for usage of the kit.
- If the inflator needs to be connected to a power source, plug the inflator into the vehicle's 12V socket, start the vehicle, and turn on the inflator. The tire sealant is then filled through the inflator hose into the tire along with air.



REMINDER

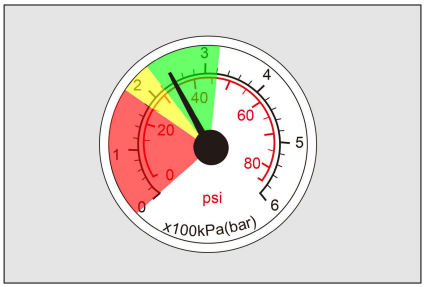
- Make sure the inflator switch is off when you plugging the power supply into the 12V socket in the vehicle.
- The inflator can only be turned on for up to 10 minutes.

- Observe the tire pressure gauge reading on the inflator.
  - If the tire pressure does not reach 180 kPa 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.



- Observe the tire pressure gauge reading on the inflator.
  - 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 kit 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 tire sealant has been used.
- After repairing a tire with the tire repair device, it is recommended that you purchase new tire sealant and inflation hoses at a BYD authorized dealer or service provider.

REMINDER

- Avoid hard acceleration and high-speed turns.
- Do not exceed the 80 km/h maximum speed limit and replace flat tires as soon as possible. Do not drive further if the vehicle experiences strong vibration, unstable performance, or noise.
- When the tire sealant is about to expire (see the label on the canister for exact date), replace it with a new one.

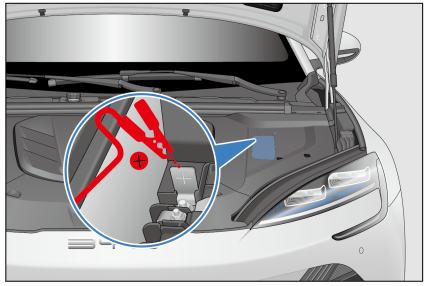
If the Low-Voltage Battery Is Exhausted

When the vehicle cannot start due to under voltage of low voltage distribution box, try to start it as per the following steps:

1. Open the Hood.

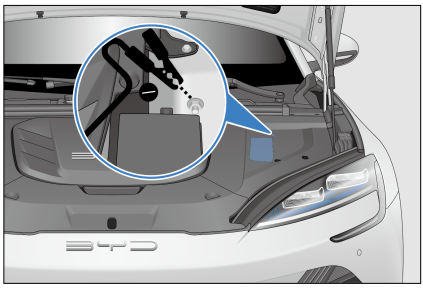
2. Remove the left trim panel of front compartment.

3. Connect one end of the red positive (+) cable to the positive (+) terminal of the undercharged low voltage distribution box of the vehicle under rescue.



4. Connect the other end of the red positive (+) cable to the positive (+) terminal of the charged low voltage distribution box of the rescue vehicle.

5. Connect one end of the black negative (-) cable to the negative (-) terminal of the charged low voltage distribution box of the rescue vehicle.



6. Connect the other end of the black negative (-) cable to an applicable tie point (clean, unpainted, solid and grounded metal part) of the vehicle under rescue.

7. Start the rescue vehicle and keep it running for a while. Then try to start the vehicle under rescue.

8. After the vehicle under rescue starts normally, turn off the power of the rescue vehicle, remove the jumper cables orderly reverse to connection, and put them away.

9. Install the hood trim panel, and close the hood.

WARNING

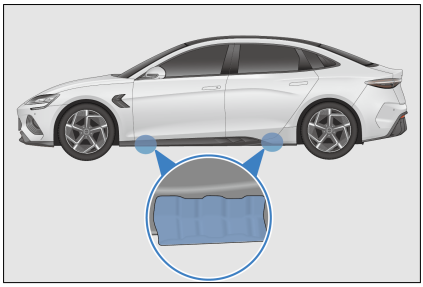
- Connecting or disconnecting jumper cables in the wrong order may lead to an electrical short circuit, resulting in vehicle damage or personal injury.
- To prevent a short circuit in the jump start, jumper cable clamps shall not contact each other or any conductive material other than the jumper points.

CAUTION

- If the vehicle being rescued cannot be started after several attempts, contact a BYD authorized dealer or service provider.
- The battery rated voltage of the rescue vehicle for jump start shall be 12 V.

If the Vehicle Needs Support

If the vehicle needs to be lifted or jacked, the lifting arm or jack can only be placed at the lifting points as shown in the figure.



- Pay attention to the followings when lifting or jacking the vehicle to ensure safety:
  - Park on solid, flat ground and avoid motorway forks.
  - Switch the ignition off, and all the occupants must get off the vehicle.
  - In case of vehicle slipping, a block should be placed in front of the front wheel or behind the rear wheel when it is jacking up.

WARNING

- Do not place the lifting boom or the jack on the power battery.

WARNING

- Ensure firmness when lifting or jacking up the vehicle.
- When jacking up the vehicle, do not have any part of your body under the vehicle.

08 SPECIFICATIONS

Data

Vehicle Data

Vehicle Basic Parameter

Item	Parameter
Number of occupants (persons)	5
Length (mm)	4800
Width (mm, excluding side mirrors)	1875
Height (mm)	1460
Wheelbase (mm)	2920
Front track (mm)	1620
Rear track (mm)	1625
Front overhang (mm)	885
Rear overhang (mm)	995
Approach angle (°)	13
Departure angle (°)	14

Drive motor

Item	Parameter		
Model	Short range RWD	Extended range RWD	AWD
Drive motor model	RWD: TZ200XYS	RWD: TZ200XYC	FWD: YS210XYA RWD: TZ200XYC
Drive motor type	Permanent magnet synchronous motor	Permanent magnet synchronous motor	FWD: AC asynchronous motor RWD: Permanent magnet synchronous motor
Drive type	RWD	RWD	AWD

Vehicle power performance and economic efficiency

Item	Parameter		
Model	Short range RWD	Extended range RWD	AWD
Max. design speed (km/h)	220	180	180
Max. gradeability (%)	⩾30	⩾30	⩾50

High-voltage battery

Item	Parameter
Type	Lithium iron phosphate battery
High-voltage battery rated capacity (Ah)	150

Wheels and tires

Item	Parameter
Tire specification	225/50R18; 235/45R19
Tire pressure (kPa)	Front/Rear: 250/290
Wheel dynamic balance requirement (g)	<10

Wheel alignment values (at curb weight)

Item	Parameter
Front wheel camber (°)	-0.5±0.75
Front toe-in (°)	0.05±0.08(side)
Total front wheel toe-in (°)	0.1± 0.16
Kingpin inclination angle (°)	8.63±0.75
Kingpin caster angle (°)	6.33±0.75
Rear wheel camber (°)	-1±0.75
Rear wheel toe-in (°)	0.20±0.08(side)
Total rear wheel toe-in (°)	0.40±0.16

Seats

Item	Parameter
Forward and backward moving spaces for front seats (seat cushion depth measured)	260 mm forward from the end of slide rail travel
Seatback angle of front seats (cushion depth measured)	25°
Normal service conditions of front seatbacks	20° forward and 40° backward from the designated position; 200 mm forward and 60 mm backward from the slide rail; slide rail inclination: 4.5°
Forward and backward moving spaces for rear seats (seat cushion depth measured)	No
Backrest angles of rear seats (seat cushion depth measured)	30°(sides)/27°(middle)
Normal service conditions of seatbacks	Design position (not adjustable)

Recommended oil type and amount

Item	Parameter		
Model	Short range RWD	Extended range RWD	AWD
Gear transmission oil type	-	-	Castrol BOT-383/ Castrol ON EV Transmission W5
Front drive gear transmission oil amount (L)	-	-	1.6±0.05 L
Rear drive transmission gear oil type	Castrol BOT-383/ Castrol ON EV Transmission W5	Castrol BOT-383/ Castrol ON EV Transmission W5	Castrol BOT-383/ Castrol ON EV Transmission W5
Rear drive gear oil amount (L)	1.55±0.05	1.55±0.05	1.55±0.05
Brake fluid type	HZY6/DOT4	HZY6/DOT4	HZY6/DOT4
Brake fluid amount (L)	1.15±0.05	1.15±0.05	1.15±0.05
Motor controller coolant type	Glycol organic acid long-acting anti-rust antifreeze (-40)	Glycol organic acid long-acting anti-rust antifreeze (-40)	Glycol organic acid long-acting anti-rust antifreeze (-40)
Motor coolant amount (L)	4.8±0.2	4.8±0.2	5.3±0.2

CAUTION

- The recommended oil types have been tested and approved by BYD. Using other oil types may compromise vehicle performance, and could cause malfunctions or damage to components.

Information

Vehicle Identification

Vehicle Identification Number (VIN)

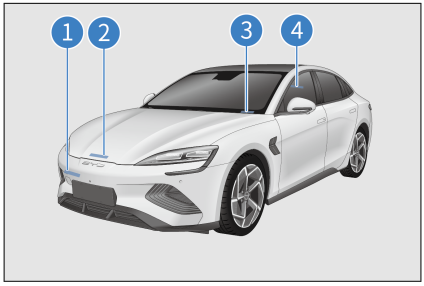
VIN attaching positions:

① VIN attached on the right of the front bumper beam

② VIN attached under the front hood lock ring

③ VIN attached on the front windshield cross sill

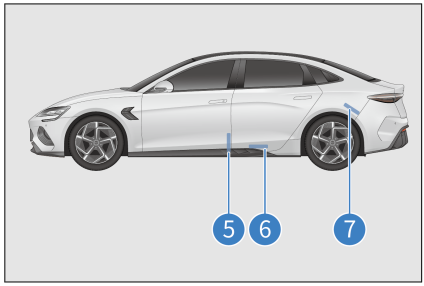
④ VIN attached on the front side of the rear motor



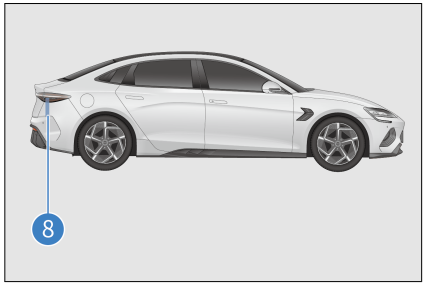
⑤ VIN attached on the sheet metal surface at the lower corner of the driver's door

⑥ VIN attached on the left rear door sill

⑦ VIN attached on the left rear wheel hubcap metal

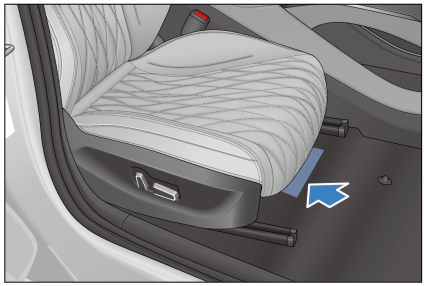


⑧ VIN attached inside the right trunk lid



Position of engraved VIN:

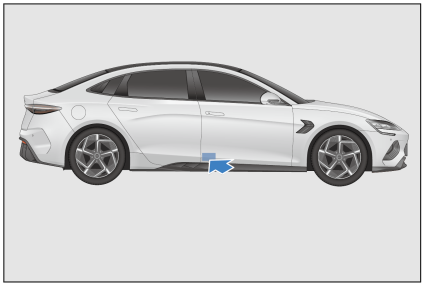
VIN is engraved on the lower beam of the front right seat.



After connecting the VDS, the VIN can be found in the upper right corner of the screen for the corresponding model. For details, refer to the VDS operation manual.

Vehicle Nameplate

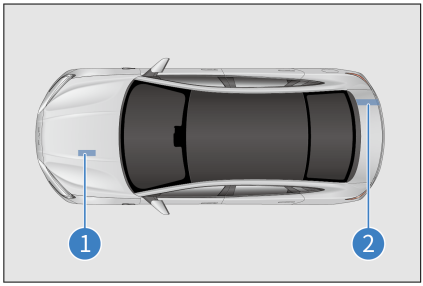
The vehicle nameplate is located under the right B-pillar.



Model and Serial Number of Drive Motor

① The model and serial number of the front drive motor* are engraved on the front drive motor housing.

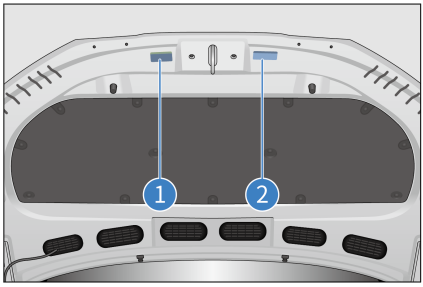
② The model and serial number of rear drive motor are engraved on the rear drive motor housing.



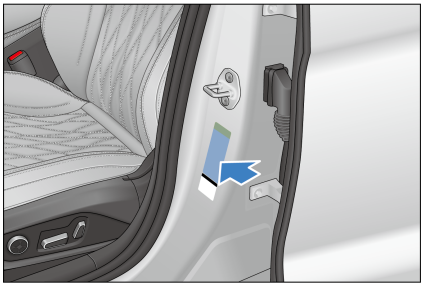
Warning Labels

①A/C system and cooling fan label

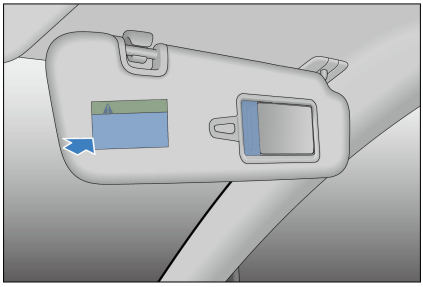
②Battery position label



The side airbag warning labels are attached below the left and right B-pillar and C-pillar.



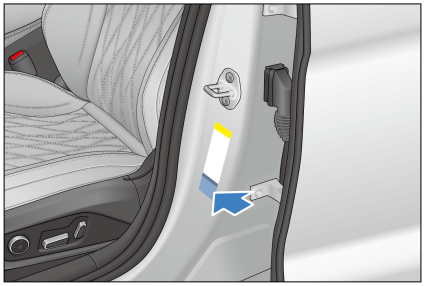
The airbag warning label is printed on the front passenger’ s sun visor.



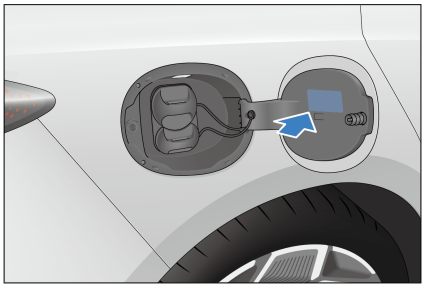
WARNING

- Do not use rear-facing children restraint device in front of the seats with active airbags protection.
- It may cause children death or severe injury.

The tire pressure label is attached below the left B-pillar.



The charging warning label is attached to the inner side of the charging port hatch.



Transponder Mounting

The transponder mounting position is located in the upper right of the front windshield.

CAUTION

- Do not overlap the sticker transponder with the glass frame or other objects.

Declarations of Conformity

Declarations of Conformity

Radio Frequency

CE	Your vehicle has different types of radio equipment. The manufacturers of the radio equipment declare the RF Modules listed above have been evaluated against the essential requirements and other relevant provisions of Directive 2014/53/EU. The full text of the Declaration of Conformity can be found at the following Internet address: https://cn-prod.byd.com/eu/eu-doc.

Name of Components and Parts	Frequency	Maximum Power
Tire pressure monitoring module	314.9 MHz ± 25 KHz	86 dBμV/m ± 3 dB
	315 MHz ± 45 KHz	-58~-52 dBm (3 meters radius)

	433.92 MHz ± 44 KHz	87 dBμV/m ± 2 dB
	433.92 MHz ± 40 KHz	-58~-52 dBm (3 meters radius)
Interior detection antenna	125 KHz ± 3 KHz	10 W
Electronic Smart Key	433.92 MHz ± 60 KHz	10 dbm
High-frequency module	433.92 MHz	0.48 W
Wireless charger module	127.7 KHz ± 30 KHz	Charging power for one: 15 W
		Charging power for two: 15W*2
		50 W
ECALL GPS antenna	1559–1605 MHz	0.05 W
ECALL 4G antenna	701–960 MHz	0.05 W
	1.71–2.69GHz	0.05 W
Outside NFC device	13.56 MHz	1 W
Inside NFC device	13.56 MHz	1.2 W
On-board Bluetooth device	2.402–2.480 GHz	8 dBm
Wi-Fi hotspot device	2.402–2.482 GHz	16 dBm
	5.17–5.835 GHz	
Network communication four-in-one antenna (4G)	701–960 MHz	/
	1.71–2.69GHz	
Network communication device (4G)	700–2600 MHz	23 dBm
FM broadcasting antenna amplifier	76–108MHz	0.24 W
FM broadcasting device	76–108MHz	0.8 W
DAB antenna amplifier	170–240 MHz	0.24 W
DAB box	170–240 MHz	1.5 W
Four-in-one antenna (GPS, 4G, WiFi/BT)	1559–1605 MHz (GPS Antenna)	0.03 W
	701–960 MHz & 1.71–2.69 GHz (4G antenna)	

	2.4–2.5 GHz (Wi-Fi/BT Antenna)	
Front mmWave radars	76.0–77.0 GHz	/
Rear mmWave radars	76.0–77.0 GHz	/
AM antenna amplifier	522–1800 KHz	0.6 W
AM device	522–1800 KHz	0.8 W

Smart Key

	Uzbekistan Model: D1-92 This equipment is not entitled to protection against harmful interference and may not cause interference to duly authorized systems.
	EU countries Model: D1-92 This equipment is not entitled to protection against harmful interference and may not cause interference to duly authorized systems.
	Brazil Model: D1-92 This equipment is not entitled to protection against harmful interference and may not cause interference to duly authorized systems.
	Japan Model: D1-315 This equipment is not entitled to protection against harmful interference and may not cause interference to duly authorized systems.

	EU countries Certificate ID: T.2021.08.0001 This equipment is not entitled to protection against harmful interference and may not cause interference to duly authorized systems.
	Japan Certificate ID: 219-210015 This equipment is not entitled to protection against harmful interference and may not cause interference to duly authorized systems.
	Brazil Certificate ID: 15210-21-03745 This equipment is not entitled to protection against harmful interference and may not cause interference to duly authorized systems.

Numerics

A

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Abbreviations

Abbreviations

Terminology	Name	Terminology	Name
ELR	Emergency Locking Retractor	ECU	Electronic Control Unit
ISOFIX	International Standards Organization Fix	EDR	Event Data Recorder
E-Call	Emergency Call	EPB	Electronic Parking Brake
AVH	Auto Vehicle Hold	SOC	State of Charge
ACC	Adaptive Cruise Control	ICC	Intelligent Cruise Control
FCW	Forward Collision Warning	AEB	Automatic Emergency Braking
FCTA	Front Cross Traffic Alert	FCTB	Front Cross Traffic Braking
TSR	Traffic Sign Recognition	ISLC	Intelligent Speed Limit Control
AFL	Adaptive Front Lighting	LDA	Lane Departure Assist
LDP	Lane Departure Prevention	LDW	Lane Departure Warning
ELKA	Emergent Lane Keeping Assist	BSA	Blind Spot Assist
BSD	Blind Spot Detection	RCTA	Rear Collision Traffic Alert
RCTB	Rear Cross Traffic Braking	RCW	Rear Collision Warning
DOW	Door Open Warning	VDC	Vehicle Dynamics Control
TCS	Traction Control System	HHC	Hill Descent Control
HBA	Hydraulic Brake Assit	CDP	Controlled Deceleration for Parking Brake
CST	Comfort Parking	ESC	Electronic Stability Controller
MCB	Multi-Collision Brake	DMS	Driver Monitoring System
AVAS	Acoustic Vehicle Alerting System	HUD	Head-Up Display
TPMS	Tire Pressure Monitoring System	VIN	Vehicle Identification Number
MAX	Maximum	MIN	Minimum

BUILD YOUR DREAMS

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