

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.

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

Pay attention to the "WARNING", "CAUTION", and "REMINDER" 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.

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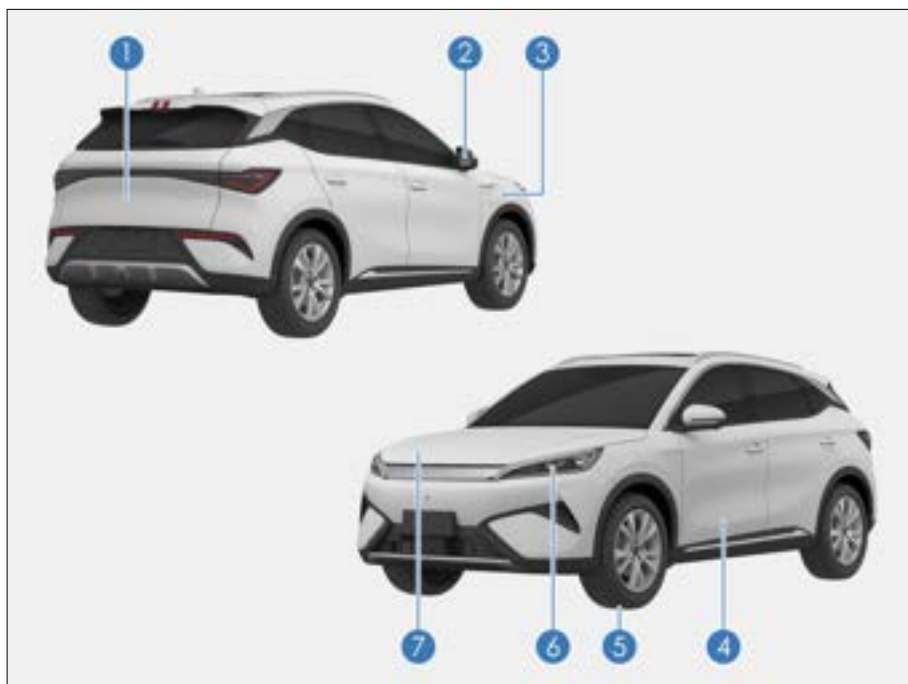
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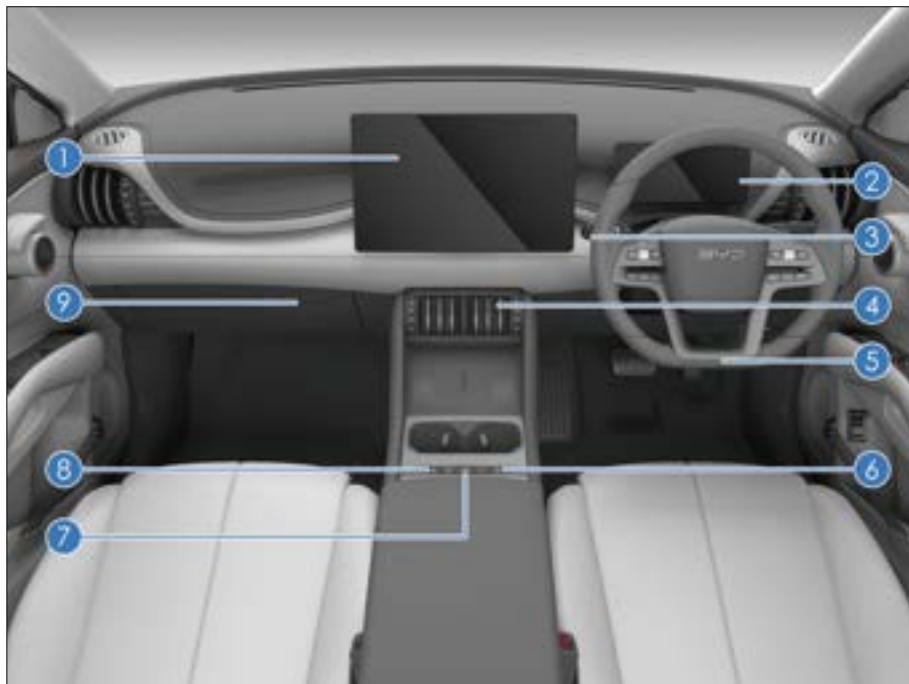
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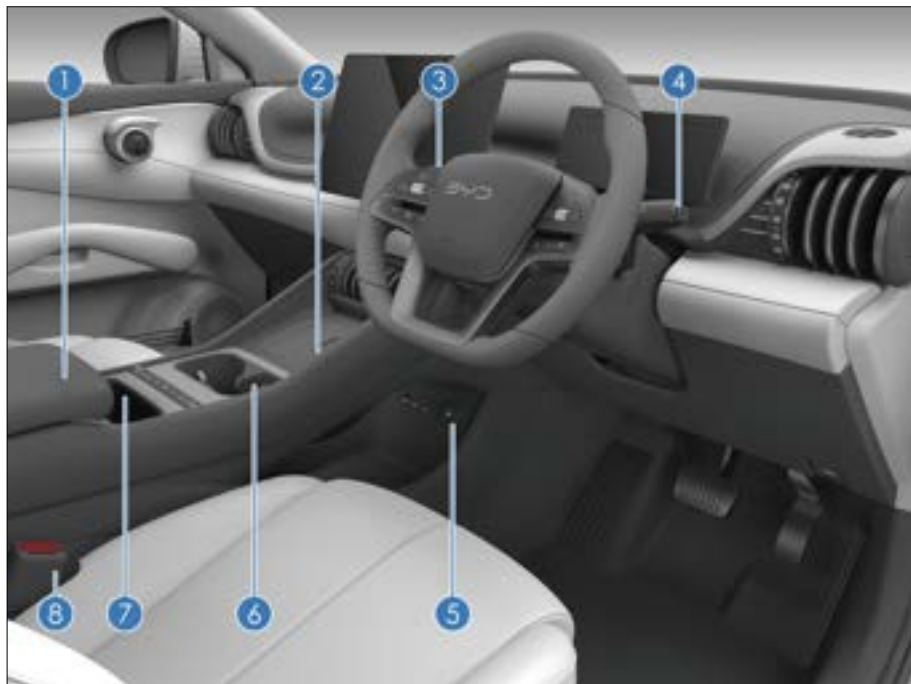
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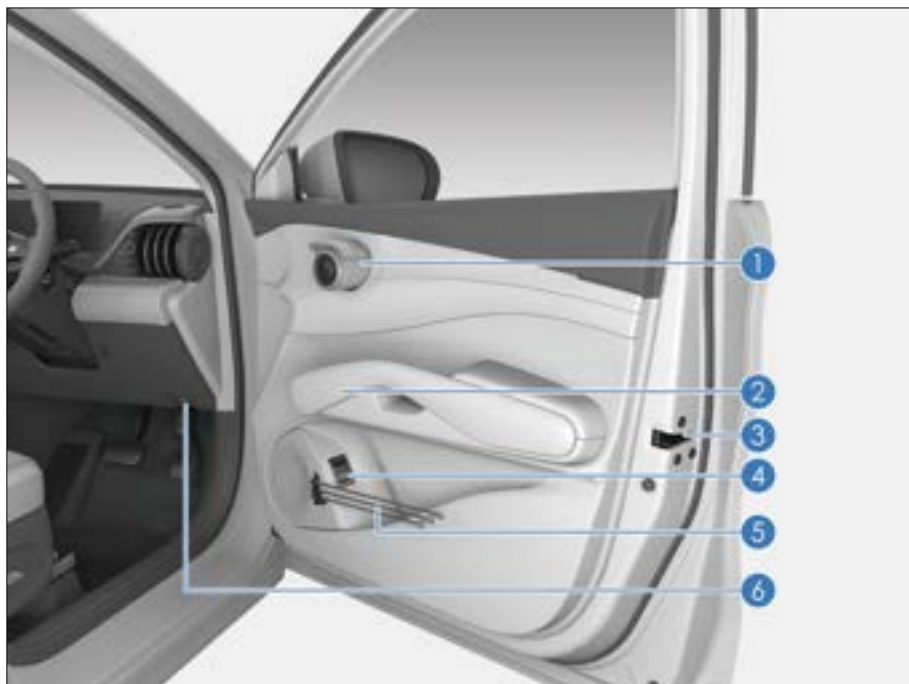
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Seat Belts

Seat Belt Overview

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



CAUTION

- Before driving, make sure all occupants are properly buckled 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 **P22**).
 - If a seat belt is damaged or malfunctions, immediately contact a BYD authorized dealer or service provider for confirmation and handling. Until then, do not use the corresponding seat.
-
- BYD has highly emphasized that all occupants should always fasten their seat belts while in the vehicle to prevent serious injury or death.
 - Children are encouraged to travel on the rear seats and must be buckled up in appropriate child restraint systems. 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

- 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 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.



WARNING

- Seat belts with pretensioner function activated must be replaced.

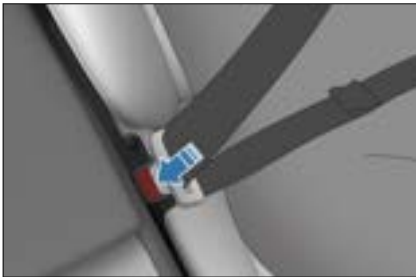
Using Seat Belts

1. Adjust the seat position and seatback angle (see **P58**).
 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. Release the button to lock the adjuster.



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

WARNING

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

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



WARNING

- 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 or rear seatback; otherwise, the seat belt may be damaged.
- Check the seat belts regularly for cuts, wear, looseness, and other abnormalities. If any problem is found, contact a BYD authorized dealer or service provider for confirmation and handling. Until then, do not use the corresponding seat.
- Do not remove, disassemble or modify the seat belts.
- After an accident, have the seat belts checked at a BYD authorized dealer or service provider. Seat belts with pretensioner function* activated 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

WARNING

system should also be thoroughly inspected.

- Use an approved model whenever you replace the seat belt.
- Pregnant women need to fasten the seat belts properly and position the lap belt as low as possible around the hips to avoid serious injury from the intense lap belt forces against the abdomen in an accident.
- The method of wearing a rear seat belt is the same as that for a front seat belt. For normal functioning of the rear seat belt, ensure that its latch is inserted into the corresponding buckle during use. The driver should remind passengers to wear seat belts properly.
- Do not insert foreign objects such as coins and clips into the buckle as they prevent proper connection between the latch and buckle.

Seat Belt Reminders

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

- **Seat belt reminder indicator**
This indicator flashes if any seat belt is not fastened.
- **Display of unfastened belt's seat**
The indicator for the seat with unfastened seat belt lights up.
- **Unfastened seat belt reminder***
If any vehicle occupant has not buckled up after the ignition is

switched on, the seat belt reminder indicator and the indicator associated with the corresponding seat* light up. If the seat belt remains unfastened while driving, in addition to the reminder indicator, an audible alarm is given to alert the driver and the occupants.

- When the driver and the passengers fastened their seat belts, the seat belt reminder indicator turns off 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.



CAUTION

- Occupants must sit in a proper position to maximize the protection provided by seat belts and the airbag system.
- Do not disassemble or assemble airbag components.
- If the seatbacks get wet from rain or splashes, 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 crash, even if the airbag did not deploy and the pretensioner did not lock the seat belt, contact a BYD authorized dealer or service provider for inspection as soon as possible to ensure that the airbag system functions correctly.
- The airbag warning light stays on in the presence of certain system faults. If this light stays on, head to a BYD authorized dealer or

Airbags

Airbag Overview

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



CAUTION

service provider for inspection as soon as possible. Otherwise, airbags may not work properly.

- 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



CAUTION

be disconnected. Otherwise, the airbags may deploy, resulting in serious injury or death.

Airbag Types



① Driver and front passenger airbags

② Seat Side Airbags

③ Front far side airbags*

④ Side curtain airbags

Driver and Front Passenger Airbags

- The driver airbag is mounted inside the steering wheel and the front passenger airbag is mounted inside the dashboard, both marked with "AIRBAG". The airbags deploy when

the airbag system Electronic Control Unit (ECU) detects a moderate to severe front impact and the triggering conditions are met.

Front airbag deployment

- In moderate to severe frontal crashes, a sensor detects a sharp deceleration and sends a signal to the ECU to trigger the front airbags.
- When there is a frontal crash, the seat belt secures the occupant's lower body and torso and the airbag cushions and protects the occupant's head and chest.
- When the severity of the impact does not reach the airbag deployment threshold, seat belts provide enough protection.
- The front airbag deflates immediately after inflation, without affecting the driver's vision and ability to operate the steering wheel or other controls.
- Airbags can inflate rapidly when triggering conditions are satisfied to further protect drivers and occupants in an accident.
- A loud noise will be heard when the airbag deploys. It will not cause injury, but it may cause tinnitus or temporary deafness which recover quickly.
- The deployment of airbags may release smoke and dust. Although these substances are non-toxic, passengers with respiratory conditions may experience temporary discomfort. If the discomfort is severe, seek medical attention immediately.

 WARNING

- No accessories, such as telephone holders, cups, ashtrays, can be installed on airbag covers or within their impact range. Otherwise, airbag deployment will increase the risk of injury in an accident.

Seat Side Airbags

The seat side airbags are mounted on the outside of seatbacks, marked with "AIRBAG". When a moderate to severe impact from the side is detected while the vehicle is powered on and the triggering conditions are met, the airbag deploys to protect the chest of the occupant on the impacted side.

- Generally, only the airbag on the impacted side deploys in the event of a side impact.
- If the impact occurs on the passenger side, the airbag on the passenger side deploys even if there is no passenger in the seat.
- For optimal side airbag protection, occupants must have their seat belts fastened and sit upright against the seatback.

 WARNING

- Do not allow the seatback to become wet, as moisture may impair the proper operation of the side airbags.
- Do not cover or replace seatback covers on you own. Using unsuitable or non-genuine seatback covers may interfere with side airbag deployment.
- When a side impact meets the system's deployment conditions, the side airbag on the impacted side will deploy.
- For optimal side airbag protection, occupants must have their seat belts fastened and sit upright against the seatback.

Front far side airbag*

The front far side airbag is mounted on the inner side of the driver's seatback

and marked with “AIRBAG” . 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.

WARNING

- Do not wet the seatbacks, in case the front far 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.
- 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

- The left and right side curtain airbags are mounted at the junction of the body side trim and the ceiling and marked with "AIRBAG" on the B-pillar and C-pillar trims. When a moderate to severe impact is detected while the vehicle is powered on and the triggering conditions are met, the side curtain airbag deploys to protect the head of the occupants.

WARNING

- For optimum curtain airbag protection, the occupant must

WARNING

have their seat belt fastened and sit in an upright position.

Airbag Triggering Conditions

- Airbags may only deploy in certain crashes, depending on factors such as crash energy, crash type, impact angle, obstacle type, and vehicle speed.
- 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, side 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

- ① The vehicle's nose hits the ground when crossing a deep groove.
- ② The vehicle hits a bump or curbstone.
- ③ The vehicle's nose hits the ground when going down a steep slope.
- ④ One side of the vehicle is hit by another vehicle.



Cases When Airbags May Not Be Deployed

- ① The vehicle hits a concrete column, tree, or other slim objects.
- ② The vehicle goes under a truck or another large vehicle.
- ③ The tail of the vehicle is hit by another vehicle.
- ④ The vehicle rolls over.



- ⑤ The vehicle hits a wall or a vehicle at a side other than the front side.

- ⑥ Parts other than the passenger compartment receive side impact.
- ⑦ The lateral side of the vehicle is hit diagonally.
- ⑧ 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.
- 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 protection.
- After the airbag system deploys, hot gas resulting from the reaction will be discharged from the airbag vent port. Avoid touching any parts and keep the correct posture of holding the steering wheel, otherwise skin burns may occur.
- Fasten your seat belt and sit properly while the vehicle is in motion. If the seat belt is not fastened, if the occupant

 WARNING

is leaning forward or sitting improperly, airbag deployment can increase the risk of injury.

- Do not paste stickers, cover or decorate the button area or the center cap of the steering wheel, the right side surface of the dashboard at and near the location of the airbag, the surface of A, B, and C-pillar trims, or the surface at and near the location of seat side airbags with any object. Clean these surfaces with a dry or damp cloth, without applying too much pressure.
- Children are not to be seated unprotected, nor are they to ride sitting on an adult'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. Occupants must not lean against the doors of vehicles equipped with these airbags while these vehicles are in motion, because doing so may result in serious injuries 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.

 WARNING

- When transferring vehicle ownership, make sure to pass on all of the vehicle's documents and keep the new ownership informed of airbag conditions.
- 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 electromagnetic fields around it. However, to

⚠ WARNING

avoid accidents, do not use the vehicle in an electromagnetic environment that violates national regulations.

- The airbag system of this vehicle is designed with full consideration of common misuses and road conditions. However, in order to avoid accidents, do not have the bottom of the vehicle impacted or drive roughly in harsh road conditions.
- This vehicle's airbag system has been fully verified to 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 to contact a BYD authorized dealer or service provider immediately if any of the following situations occurs.

- The airbag has deployed.
- Instrument cluster airbag warning light  lights up abnormally.
- There is a collision in front of the vehicle (highlighted area shown), but the impact is insufficient to deploy the airbags.



- There is a collision with the vehicle door (highlighted area shown) that is not adequate to cause the airbag to deploy.



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



- 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.
- Airbags need to be removed, disassembled, installed or repaired.

Child Restraint System

Child Restraint System

- Choose a suitable child restraint system for your child's age and stature. A child who cannot use a protection device for size reason must sit in the second-row seat and have the seat belt fastened properly.
- Please correctly fix the child restraint system not used to a seat. Do not place it on a passenger seat or in the trunk arbitrarily.

WARNING

- Be sure to use a seat belt or child restraint system for a child based on his/her age and size, so as to effectively protect the child in an accident or emergency stop. Holding a child in arms is not a substitute for a child restraint system. In an accident, the child may be crushed against the windshield or between you and the cabin.
- Vehicles with side curtain airbags: Even though a child is in the child restraint system, do not allow his/her head or any other body part against any door, seat, front/rear pillar or roof side beam (which will be affected when side curtain airbags deploy). Otherwise, the considerable impact force generated when the curtain airbags deploy will cause serious or even fatal injury to the child.
- Please follow the installation instructions provided by the child restraint manufacturer to make

WARNING

sure the child restraint it is properly installed in the vehicle. Otherwise, emergency parking or an accident may result in serious or even fatal injury to the child.

- Children are not allowed to stand in the car or kneel on the seat when the car is moving to prevent serious injury or death in emergency braking or collision.
- BYD strongly suggests you to install child restraint systems. Researches indicate that it is safer to install child restraints on the rear seats than the front seats.

Installing Child Restraint Systems

Follow the installation instructions provided by the child restraint manufacturer. Secure the child restraints to the rear seats. Secure the top tether when installing the child restraint system.

- A special anchorage is provided on the rear outboard seat (the label showing the anchorage is attached to the seat).



- Rear outboard seats are equipped with tether strap anchorages on the back. Middle seat anchorage depends on configuration.
- The use of top tether anchorage point with a belted child restraint is allowed in specific markets only.



Installing a child restraint

1. Check the position of the special anchorage and install the child restraint on the seat.



! REMINDER

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

2. Lift the head support, engage the hook tightly to the anchorage at the back of the seatback, and tighten the top tether so that it is fastened.

① Top tether

② Anchorage

3. Adjust the head support to a proper position.



- After the seat head support is removed, keep it in the trunk.
- BYD recommends installing the child restraint system to the ISOFIX anchorages on board.
- If the driver's seat obstructs or interferes with the correct installation of the child restraint, install it on the right rear seat.

! WARNING

- Never install a rear-facing child restraint on the seat protected by a front airbag (in the active state).
- When the front passenger airbag is disabled, it is not allowed to seat in the front seat (including adults and children).
- When a forward facing child restraint system is used on the front passenger seat, ensure the seat is positioned fully rearward away from the active airbag.
- Before seating a child, ensure the child restraint system is securely installed and does not rotate or move away from the seat. When using a child restraint system always ensure: the anchorages are not obstructed; the seat belt is in the correct position; and the child restraint system is securely installed.

⚠ WARNING

- Please follow the instructions provided with the child restraint system to make sure the child restraint is properly installed in the vehicle, 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.

⚠ CAUTION

- Extension straps may be required to connect the top tether to the anchorage, if the top tether length is insufficient.
- Before installing an R3 size child restraint system, make sure that the front passenger seat is adjusted to the rearmost position.
- 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.



⚠ CAUTION

- Install the top tether according to the schematic diagram.
- For details about installing the child restraint system on the front passenger seat, see the preceding description.

Securing a child restraint with the seat belt*

- Installation options are shown in the table below.

		Front Passenger Seat*			
Group	Child Weight	Front passenger front airbag ON	Front passenger front airbag OFF	Rear Seats	
Group 0	Up to 10 kg	X	U	U	
Group 0+	Up to 13 kg	X	U	U	
Group 1	Rear-facing	X	U	U	
	Front-facing	U	X	U	

Group	Child Weight	Front Passenger Seat*		Rear Seats
		Front passenger front airbag ON	Front passenger front airbag OFF	
Group 2	15~25 kg	U	X	U
Group 3	22~36 kg	U	X	U

Note: Table definitions:

U: universal

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

• The identification mark of ISOFIX or i-Size anchorage points is specified by the corresponding country/region.

• Suitability of ISOFIX seating positions for ISOFIX child restraint systems.

ISOFIX and i-Size quick installation guide*

Group	Child Seat Orientation	Size class/ISOFIX class	Front Passenger Seat*		Rear Outboard Seat	Rear Middle Seat
			Front passenger front airbag ON	Front passenger front airbag OFF		
Group 0: Up to 10 kg	Rear-facing	E/R1	X	IL-SU	IL-SU	X
Group 0+: Up to 13 kg	Rear-facing	E/R1	X	IL-SU	IL-SU	X
		D/R2				
		C/R3				
Group 1: 9~18 kg	Rear-facing	D/R2	X	IL-SU	IL-SU	X
		C/R3				
	Front-facing	B/F2X	IL-SU, IUF	X	IL-SU, IUF	X
		B1/F2X				
		A/F3				
Group 2: 15~25 kg	Front-facing	-	IL-SU	X	IL-SU	X
Group 3:	Front-facing	-	IL-SU	X	IL-SU	X

Group	Child Seat Orientation	Size class/ ISOFIX class	Front Passenger Seat*		Rear Outboard Seat	Rear Middle Seat
			Front passenger front airbag ON	Front passenger front airbag OFF		
22-36 kg						
i-Size child restraint system	Rear-facing	–/R2	X	i-U	i-U	X
	Front-facing	–/B2, F2X	i-U	X	i-U	X
Booster seat	Front-facing	–/B2, B3	i-B	X	i-B	X

Size class:

- The size class shown corresponds to the applicable weight range of the child restraint.
- The size class of the child restraint applicable to the universal group or semi-universal group is indicated on the ECE approval label.
- The child restraint is attached with a size description.

X:

- The seat is not suitable for installing an ISOFIX or i-Size child restraint.

IL-SU:

- The seat is suitable for installing a semi-universal ISOFIX child restraint.
- Please note the list of applicable models provided by the child restraint manufacturer.

IUF:

- The seat is suitable for installing a universal ISOFIX child restraint.

i-U:

- The seat is suitable for installing a universal front-facing or rear-facing i-Size child restraint.

i-UF:

- The seat is suitable for installing a universal front-facing i-Size child restraint.

i-B:

- The seat is suitable for installing a front-facing ISOFIX booster cushion of Groups 2/3 and a front-facing i-Size child restraint for children with a height of 100-150 cm.

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. The anti-theft alarm system will arm automatically after 8 seconds.

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 or the trunk with a valid smart key/NFC key/App.
 - Using the microswitch to unlock the door by carrying 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 repair, replace or modify the components of the anti-theft system; such modifications may cause the system to malfunction or affect the terms of the insurance.
- If a fault occurs, contact a BYD authorized dealer or service provider.

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 refer to the current version of the privacy policy available in the infotainment system (⚙️ → System → General → Agreement and Statement → Privacy Policy).
- This vehicle is equipped with an event data recording (Event Data Recorder (EDR)) system. EDR mainly records data in the event of a crash or near-crash (for example, airbag deployment or hitting on a roadside obstacle) to help comprehend the vehicle system operation, such as:
 - Vehicle velocity
 - Tire pressure condition
 - Adaptive cruise control (ACC) system status
 - Whether the seat belt is fastened
- The vehicle records EDR data only when there is a crash or when a near-crash event reaches a certain extent. The EDR does not record any data during the normal driving of the vehicle.
- The data recorded by the EDR system provides an understanding of the state of the vehicle's safety-related systems when an accident occurs, so that relevant parties can analyze the accident.
- The EDR data needs to be accessed and read by special equipment. BYD discloses your personal data to third parties only if this is legally permissible or you have consented to it. In addition to the vehicle manufacturer, third-party agencies with professional equipment (such as government agencies) can also read

the EDR data if they have access to the vehicle EDR and equipment (for example, they can read the data of SRS control unit to clarify the accident).

Vehicle Data Processing

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

In-vehicle data

Operation data

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

- In case this access takes place during vehicle maintenance, the information can also be transmitted to BYD engineers for quality assurance, product defect reports, or customer claim verification.

Remote-services-related data

Remote monitoring services

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

Other

Infotainment system

- Depending on vehicle configuration, data can be added to the infotainment system by the users themselves, such as media data for playing video on the infotainment system, address data for use in the navigation system, or data for use in online services.
- Depending on vehicle configuration, individual settings in and on the vehicle can also be entered.

- Data stored in the vehicle can be deleted at any time.
- BYD has no control over data transferred to third parties (from the use of third party content, in particular as part of online services).

Integration of mobile devices

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

Internet access and connected services

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

Camera image recording/surrounding area monitoring

- Your vehicle is equipped with a number of cameras/sensors.

- The reason for this is that some vehicle functionalities require the vehicle's path to be detected and assessed which is done by cameras that detect objects in the vehicle's surroundings (e.g., obstacles).
- The images are transmitted to the respective control module for further analytics required to operate the systems.
- Some images are just processed on a volatile basis (RAM), others may be stored, depending on vehicle equipment.
- The vehicle may be equipped with an outward-facing camera (OFC) that can be used to take footage of the surrounding (dashcam).
- The vehicle may also be equipped with an inward-facing camera (IFC), which can be used to take footage inside the vehicle.
- Both OFC and IFC footage will be stored.
- You are responsible to check the laws of your residence if you turn the camera on.
- Please be aware of corresponding laws before turning on your OFC or IFC (for instance, in some countries consent is required for the use of IFC, and in others OFC is strictly restricted to dashcam purposes).
- For more camera details, see sections "Driving Recorder" and "Panoramic View System" in this manual.

Permanent Vehicle Transfer to Third Parties and Offline Mode

- In case of a permanent vehicle transfer, it must be noted that any personalization/user settings made via the infotainment system (including the

address list and the navigation system) can be accessed by the new owner.

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 (e.g. data can be read from the airbag control unit to clarify an accident).
- If required by law, BYD may also be obliged to disclose data upon request to governmental authorities in your country, e.g. in the investigation of a criminal offence.

Your Data Protection Rights

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

personal data about another person, or if we are legally prevented from disclosing that information.

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

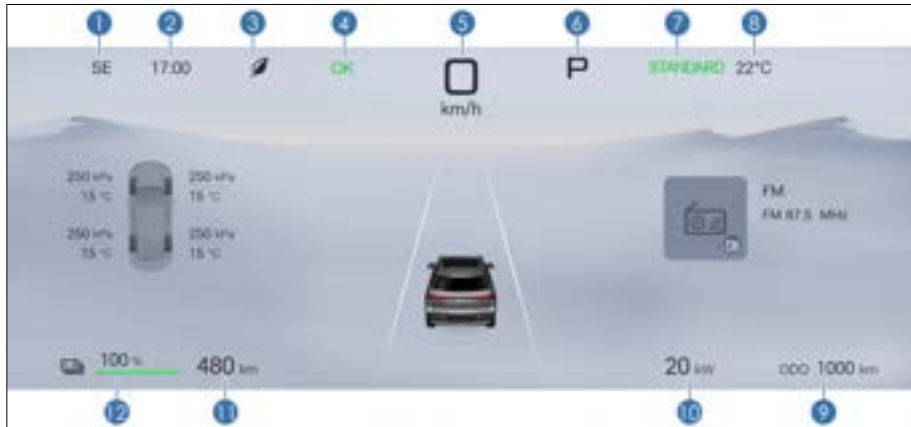
02

INSTRUMENT CLUSTER

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Instrument Cluster

Instrument Cluster View



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

Instrument cluster Settings

- The user can enter the instrument settings by accessing on the infotainment touchscreen →  → **Audio Display** → **Instrument** to adjust the instrument brightness and mileage information.

- Mileage information can be switched between total mileage, mileage one and mileage two.
- The battery gauge can display either remaining mileage or battery charge level.

Simplified mode*



! REMINDER

- During occasional communication delays in the instrument cluster system, the instrument cluster may automatically switch to simple mode for safe driving. In this mode, the instrument cluster continues to display driving-related information without affecting vehicle travel. After the system becomes normal, the instrument cluster should automatically exit from the simple mode. If it does not, try the following:
- Press and hold the power button on the infotainment touchscreen to restart the infotainment system and the instrument cluster information display system.

! REMINDER

- While safety is ensured, restart the vehicle.
- 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

OK

OK indicator

ECO

ECO indicator

SPORT

SPORT indicator

SET

Regular cruise control indicator*

	Discharge indicator		AVH indicator
	HDC indicator*		Regular cruise control main indicator*
	ACC speed indicator*		ACC status indicator*
	Lane keeping indicator*		HMA indicator*
	ICC indicator*		ELKA status indicator*
	Towing mode indicator*		High beam indicator
	BSD indicator*		Driver monitoring assistance system fault warning light*
	Rear fog light indicator		AVAS fault indicator*
	AEB warning light*		Smart key warning light
	Tire pressure fault warning light		Main alarm indicator
	ESC OFF warning light		ESC fault warning light
	ABS fault warning light		Driving power limit warning light
	Headlight fault warning light		ACC fault warning light*

	High-voltage battery low SOC warning light		Snow mode indicator
	Speed limit release indicator*		AVH standby indicator (gray)
	ACC standby indicator (gray)*		Coolant overheating indicator
	Steering system fault warning light		TSR indicator*
	PCW warning light (red)		Powertrain fault warning light
	Seat belt reminder indicator		Airbag fault warning light
	EPB indicator		Parking system fault warning light
	Low-voltage power system fault warning light		High-voltage battery charging connection indicator
	High-voltage battery fault warning light		High-voltage battery overheating warning light

Warning Lights/Indicators Description



Smart key warning light

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

Antilock Braking System (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 brake 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 brake 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 is steady on while 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 parking brake system fault 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,

REMINDER

if brakes are applied, the ABS will not work and the vehicle will become extremely unstable.

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



Tire pressure fault warning light

- This warning light comes on when the ignition is on. It turns off in a few seconds if the tire pressure monitoring system is working properly. If the system fails, this warning light turns on again.
- When the tire pressure fault warning light 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 of the vehicle may be disturbed or the tire pressure monitoring module is damaged.
- When the tire pressure fault warning light is solid on and one or more values turn yellow on the tire pressure screen on the instrument cluster, the corresponding tire is in under-pressure condition. When the temperature value of one or more tires turns yellow, it indicates that the tire temperature is too high.

In the event of any of the situations above, it is recommended to contact a

BYD authorized dealer or service provider for inspection as soon as possible.



ESC fault warning light

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



REMINDER

- 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 returns to normal.



REMINDER

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



Driving power limit warning light

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



Headlight fault warning light

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



Main alarm indicator

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



Seat belt reminder

- When the ignition is on, if any occupant on the front seats or rear seats* has not buckled up, the unfastened seat belt indicators* light 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 system is used to monitor the airbag ECU, collision sensors, inflation devices, indicators, 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 break system fault warning light

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

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



REMINDER

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



REMINDER

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



Steering system fault warning light

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

! REMINDER

- The steering system features an electric motor to reduce the force required to turn the steering wheel.
- When turning the steering wheel, a hum may be heard from the running motor. This does not indicate that the motor is faulty.
- Do not turn the steering wheel to its limit position for more than five seconds, otherwise the activation of temperature protection will result in heavy steering or damage the steering system.
- 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 fault warning light goes on, immediately park the vehicle safely, and contact a BYD authorized dealer or service provider.



Low-voltage power system fault warning light

! 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

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



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.

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 is switched on. If the high-voltage battery system is working properly, this warning light will turn off in a few seconds. If this light lights up

again thereafter, it indicates a system failure. 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.

Other Instrument Cluster Fault Prompts

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

Symbol	Error message	Response
	Please check the OBC system	The on-board charging system is faulty. In this case, check the charging connection, and reconnect the charging equipment. If the fault persists, contact a BYD authorized dealer or service provider.
	Vehicle network error, please pull over safely and contact BYD service	The vehicle may be disconnected from the data network. In this case, park the vehicle immediately, and contact a BYD authorized dealer or service provider.
	Please check the headlight	The headlight is faulty. In this case, contact a BYD authorized dealer or service provider.
	Please check the PCW system*.	The PCW system is faulty. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.

Symbol	Error message	Response
	The AEB function is limited*	The AEB system is faulty. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.
	Please check the BSD system*	The BSD system for lane change is faulty. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.
	The BSD function is limited*	The BSD function is limited. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.
	Please check the gear	The shifter controller is faulty. In this case, park the vehicle immediately, and contact a BYD authorized dealer or service provider.
	Please check the multi-purpose camera*	The multi-purpose camera is faulty. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.
	The function of the multi-purpose camera is limited*	The function of the multi-purpose camera is limited. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.
	Intelligent-camera is not available due to poor condition*	The intelligent-camera is unavailable. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.
	Please check the ICC or LKS*	The intelligent cruise control (ICC) or lane keeping system (LKS) is faulty. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.
	ICC or LKS function limited*	The ICC or LKS function is limited. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.

03

CONTROLLER OPERATION

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Doors and Keys

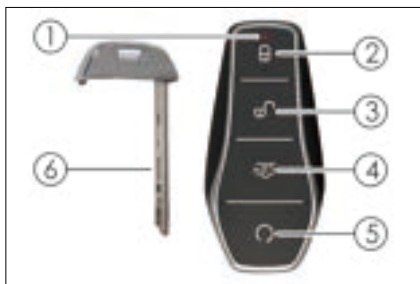
Key Overview

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

Electronic Smart Key

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

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



WARNING

Button battery safety alert:

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

WARNING

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

CAUTION

- The smart key is an electronic component. Observe the following instructions to prevent damage to the key:
 - Do not place the smart key in a position exposed to high temperature, such as on the dashboard in the summer sun.
 - Do not disassemble the smart key.
 - Do not let the smart key hit other objects or fall down.
 - Do not immerse the key in water or clean it in the ultrasonic scrubber.
 - Do not place smart keys with devices that emit electromagnetic waves, such as the mobile phone.
 - Do not attach to the smart key any objects (such as a metal seal) capable of cutting off electromagnetic wave signals.
- You can register a spare key for the same vehicle. In this case, contact a BYD authorized dealer or service provider immediately.
- If the electronic smart key cannot operate the door within the



CAUTION

normal distance, or the key indicator light is dim or off:

- Check for nearby radio stations or airport radio transmitters that interfere with the normal operation of electronic smart keys.
- The smart key battery may be exhausted. Check the battery inside the electronic smart key. It is recommended to contact a BYD authorized dealer or service provider for battery change.
- If you lose your smart key, it is recommended to contact a BYD authorized dealer or service provider as soon as possible to reduce the risk of vehicle theft or accidents.
- Do not change the transmission frequency arbitrarily, increase the transmission power (including additional transmission frequency amplifier), or arbitrarily connect the external detection antenna or switch to other transmitting detection antennas.
- The use of the smart key must not cause harmful interference to legal radio communication services. Once interference is found, stop using the key immediately and take measures to eliminate the interference before continuing to use.
- The use of micropower radio equipment must endure the interference of various radio services or the radiation interference of industrial, scientific, and medical equipment.



CAUTION

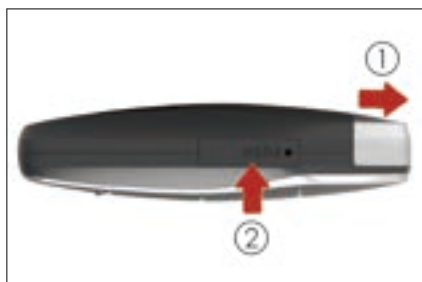
- Do not use it near airplanes or airports.
- People implanted with pacemakers or defibrillators should stay away from the detection antennas of intelligent entry and start systems, as electromagnetic waves can affect the normal use of such devices. In addition to people implanted with pacemakers or defibrillators, those who use other electronic medical devices should also consult the manufacturer on the use of such devices under the influence of electromagnetic waves. Electromagnetic waves may bring unknown consequences to the use of such medical devices.
- When leaving the vehicle, always carry your key and lock the vehicle. Never leave anyone (especially children) alone in the vehicle.

Mechanical Key

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

Taking out the mechanical key

- Press the latch ②, pull the locking structure in the desired direction ①, open the key's back cover upward, and take out the mechanical key.



Reinstall the mechanical key

- Press the latch ② and insert the mechanical key back into the smart key when it is not in use.

Bluetooth Digital Key*

Mobile phone Bluetooth digital key

Use the Bluetooth digital key to control the vehicle through a close-range Bluetooth connection, including locking, unlocking the doors or starting the vehicle.

- Download and install the latest BYD App in the app market. The function of Bluetooth digital key can be found in the app.
- If you are using a vehicle equipped with the Bluetooth digital key function, follow these steps to set up the key near the vehicle:
 1. Open the BYD app.
 2. Turn on Bluetooth on your smartphone.
 3. Select the corresponding vehicle.
 4. Tap the Bluetooth key settings button of the vehicle page to activate the Bluetooth digital key.
- Turn on the Bluetooth on your phone, approach the vehicle, and open the App for automatic Bluetooth digital key connection. You can also connect

it manually. The key is effective after Bluetooth is connected.

- The specific functions supported by the key are subject to the vehicle configuration. The Bluetooth key operates through a Bluetooth connection and sends control commands to the vehicle, without relying on mobile network status.
- In some countries or regions, according to relevant regulations, when a user starts the vehicle, the vehicle will detect the position of the Bluetooth digital key. The vehicle can be started only when it detects that the key is within a specific range around the vehicle to ensure the vehicle property safety.
- In this case, after using the Bluetooth key to unlock the vehicle, it does not grant the vehicle's ignition authorization. You will still need to carry the physical key or click the "Start" button in the BYD App to ignite the engine.
- To ensure a good user experience, please click the "Start" button on the BYD App while standing close to the driver's side of the vehicle when starting it.
- When you disconnect your vehicle or cancel cloud services, your Bluetooth key will be removed.



CAUTION

- Before activating the Bluetooth key, ensure that the vehicle network signal is good. If the activation fails, try to move the vehicle to a place with good network and activate the key again in the application.
- After the vehicle is unlocked with a Bluetooth digital key, the doors

**CAUTION**

may lock automatically if there is no operation in a short time.

- When the key connection or operation fails for many times, you can turn the Bluetooth off and then on, or restart the application.
- Limited by the vehicle environment and mobile phone performance, the effective distance of the key will be reduced in case of dense vehicles.
- The Bluetooth digital key requires your smartphone's Bluetooth and location services to be turned on. If you encounter any issues, please contact a BYD authorized dealer or service provider.
- Versions that mobile phone bluetooth digital key are compatible with: iOS 16 and above, Android 6.0 and above.

NFC Key*

The vehicle supports NFC key card and NFC digital key* (including smartphones and wearable devices). See **P47** for details.

- Place the NFC key at the mark on the driver's side mirror to unlock/lock all the doors.

**CAUTION**

- Some smartphone and wearable device models do not support NFC digital keys.
- NFC key card is an electronic product. The following instructions must be observed to prevent function failure of or damage to the card:

**CAUTION**

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

NFC Digital Key*

The NFC digital key is a digital key solution provided by BYD. You can register smartphones or wearable devices as vehicle keys to unlock, lock, and start the vehicle.

- Before activating the NFC digital key, observe the following conditions:
 - You have registered BYD Cloud Service for the vehicle.

- 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 on smartphones

Before activating, start the vehicle and shift into Park with a valid smart key. You can activate the NFC digital key in any of the two ways:

- Via BYD App:
 - Please go to the mobile APP store to download BYD APP, and complete registration and login. Navigate to 'Digital Key' and follow the instructions to activate the key.
- Via the infotainment touchscreen:
 - On the infotainment touchscreen, tap  → **Locks** → **Locks** → **digital key*** to activate the key according to the instructions.

Activating the NFC digital key on wearable devices

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

- Synchronize the key from iPhone to Apple Watch:
 - After successful key activation on iPhone, the device prompts to add the NFC digital key to a paired Apple Watch which is nearby and unlocked. Follow the prompts to complete activation.
- Via Watch App:
 - If the iPhone NFC key is active but not synced to Apple Watch, the method can be applied. 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:

- To unlock or lock the vehicle, position the NFC antenna area of the smartphone or wearable device near the NFC sign on the driver side mirror. Consult the manufacturer for the NFC antenna area of your device.
- Place the mobile phone or wearable device at the NFC sensing area 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 inside the NFC sensing area to obtain the permission.

Removing the NFC digital key

There are three ways:

- Remove it via the 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 →  → **Locks** → **Locks** → **Digital key*** to remove the key according to the instructions.
- Via the Wallet app:

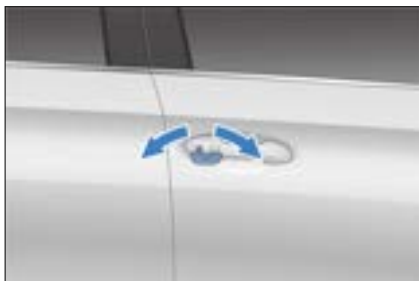
- Open the Wallet on the phone, select the digital key, and remove it according to the instructions.

Locking/Unlocking Doors

Locking/Unlocking with Mechanical Key

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

- Unlock the driver's door: Turn the key counterclockwise.
- Lock the driver's door: Turn the key clockwise.



CAUTION

- After removing 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

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

CAUTION

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

Locking/Unlocking with Smart Key

- The wireless remote control is used to unlock or lock all doors at a close distance, and complete additional functions.
- 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 are closed, press the lock button to lock all the doors. Check whether all doors are securely locked.
- If the vehicle is shut down, the side mirrors fold in (when side mirror auto fold is enabled on the infotainment

system) with turn signals flashing once.



- If the ignition is switched on, the side mirrors will not fold, the turn signals will not flash, and the alarm will sound once.
- If any door, the hood or the trunk is not closed, the side mirrors do not fold, the turn signals do not flash and the alarm sounds once.

Unlocking:

- With the doors locked, press the unlock button of the valid smart key. All doors will unlock, side mirrors unfold, and turn signals flash twice.
- When you unlock all the doors with the smart key, even if no door is opened, the interior lights may stay on for 15 seconds and then go out.
- If the anti-theft alarm system is armed, open any door within 30 seconds after unlocking with the smart key. or all doors will relock automatically.
- If the key is in the vehicle or trunk when the doors are closed and locked, the vehicle will unlock automatically and the turn signals will flash twice.
- When the vehicle is equipped with four-door anti-pinch function, pressing and holding the lock/unlock button to rise/lower the windows, and pressing briefly to lock/unlock the doors.

Opening the trunk with smart key

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



REMINDER

- Remember to carry the smart key when leaving the vehicle.

Finding the Vehicle with Smart Key

- With the anti-theft alarm system armed, pressing the lock button sounds a long 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 vehicle search mode, press the lock button again. The vehicle enters another vehicle search mode.

Raising/Lowering Windows with Smart Key

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



WARNING

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



REMINDER

- To enable or disable key unlocking/locking/opening/

! REMINDER

closing window functions, go to ⚙️ → Locks → Locks.
(Configurations of the actual vehicle prevail.)

Locking/Unlocking with Microswitch

Locking

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



Unlocking

- When doors are locked, press the microswitch on the front door handle while carrying the smart key close to the activated area. All doors unlock and turn signals flash twice.
- If the anti-theft alarm system is armed, open a door within 30 seconds after the unlocking, or all doors will relock automatically.
- Pressing the microswitch does not work if:

- This is performed while a door is being opened or closed.
- The key is in the vehicle.

! REMINDER

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

Raising/Lowering Windows with Microswitch

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

Locking/Unlocking with NFC Key*

Locking doors:

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

Unlocking doors:

- When doors are locked, hold the NFC card close to the instruction area on the driver's exterior rearview mirror. Then all doors can be unlocked at the same time. The turn signals flash twice.
- Doors will not be locked/unlocked when the NFC keys are close to the designated area on the driver's side mirror when:
 - The NFC card is placed close to the instruction area on the driver's

exterior rearview 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's side mirror.

CAUTION

- The keyless start permission lasts for up to four minutes.
- 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 or frequently when it is out of battery or turned off.

CAUTION

- If the anti-theft alarm system is armed, open a door within 30 seconds after the unlocking with the NFC key, or all doors will relock automatically.
- After unlocking by NFC key, the user can start the vehicle in a certain period, while this will be disabled after locking with valid key.

Illustration of Locking/Unlocking the Trunk

Unlocking the trunk with smart key

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



Opening/Closing the trunk from inside the vehicle*

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



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

Opening the trunk with exterior switch

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



! REMINDER

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

Closing the trunk automatically*

① Trunk close button*

- When the trunk lid is open and stationary, press the trunk close button to close this lid.
- Press 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 and the trunk is open, pressing the lock switch while carrying a valid smart key closes the trunk, locks the entire vehicle, and arms the anti-theft alarm system.

Closing the trunk manually*

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

Opening/Closing trunk with BYD Assistant*

- The trunk can be opened or closed by BYD Assistant after system wake-up.



CAUTION

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

Setting trunk opening height*

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

Anti-pinch function

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

When the trunk fails to act automatically

- Manually and completely close the trunk for recovery.

When reconnecting the low-voltage battery

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

WARNING

- In order to prevent serious injury, make sure to observe the following precautions:
- Never try to deliberately activate the anti-pinch function.
- Make sure to alert people nearby of the lid motion.
- Make sure hands and fingers are clear from the lid area when it is closing.
- Make sure the surrounding area is safe when opening or closing the trunk.
- Make sure the trunk is properly closed when the vehicle is in motion.
- Make sure to remove any ice or snow from the area before opening the trunk, otherwise the lid may close again.
- Do not manually interfere in lid motion when it is opening or closing*.
- Be mindful of windy conditions when opening or closing the trunk.
- The anti-pinch function may fail to work if an object is caught right before the trunk is fully closed.
- The lid may start closing before fully opening. Opening or closing the trunk on slopes is more difficult than on level ground. Be mindful of the possibility of the lid to move on its own in such conditions. Before loading or unloading the trunk, make sure the lid is fully open and secure.

WARNING

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

Emergency Trunk Releasing from the Inside

Emergency unlock the trunk:

1. Fold down rear seats.
2. There is an emergency unlocking cover just above the trunk lock and open it.
3. Pull the emergency release latch or lever inside the trim panel. Once you hear the unlatch sound, the rear door can be opened from the inside.



REMINDER

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

Locking/Unlocking with Central Locking

Locking or unlocking with central locking

See **P72**

Locking or unlocking all doors automatically

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

Locking/unlocking all doors concurrently

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

Emergency Vehicle Locking with Mechanical Key

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

Locking

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



3. After locking the three doors, open the driver's door.
4. Insert the mechanical key into the keyhole, turn it counterclockwise as far as it can go, return it to the initial position and pull it out (see **P49**).

Unlocking

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



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 unlock or lock the vehicle doors (see **P49**).

Start-up

With the smart key inside, depress the brake pedal and press the START/STOP button to start the vehicle (See **P105**).

Antenna positions

- ① Interior antenna
- ② Exterior antenna



Active area

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

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

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

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



! REMINDER

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

- There is a strong electromagnetic field nearby, such as TV towers, power stations, and broadcasting stations.

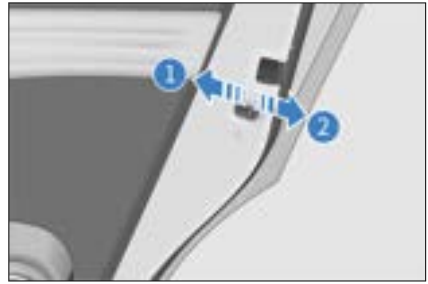
! REMINDER

- The smart key is being carried along with a two-way radio, mobile phone or other communication devices.
- The smart key is in contact with or covered by a metal object.
- The door handle is operated too quickly.
- The smart key is too close to the handle.
- Another wireless remote control function is being used nearby.
- 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, use the mechanical key in the smart key to lock/unlock the driver's door, or lock/unlock all doors with the wireless remote control function.
- Pressing the START/STOP button may not enable the start function due to:
 - Key fob failure. If the key fob warning light comes on and a message ("Low key battery, please replace the battery soon") is displayed on the instrument cluster, the battery of the key may be exhausted.

- 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 key fob 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 electrical equipment that generates a magnetic field, such as the following devices:
 - Television
 - Personal computer
 - Phone charger
 - Ictroliers
 - Fluorescent desk lamp



CAUTION

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

Child Protection Lock

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

① Unlocking

② Locked

The door cannot be opened from inside the vehicle while the latch is locked. The rear doors can only be opened with the exterior door handles.

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 the 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 a seat, ensure sufficient space around the seat and in the rear seating area for children, passengers, or pets there. Avoid squeezing or trapping children, occupants, or pets in the rear seat area.
- When adjusting the seat, ensure that there is a relatively safe space for your feet to prevent pinching injuries.
- When adjusting the seat, do not place your hand under the seat or near its operating parts, to prevent being crushed.
- After adjusting the seatback, lean back to confirm the seatback 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

WARNING

vehicle. This makes the shoulder strap of the seat belt not properly attached to the body. As a result, you and your passengers could hit the strap in an accident, causing serious injury to the neck or other parts; or you and your passenger 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.
- Do not allow children to adjust the seat without adult supervision to avoid any injury.

CAUTION

- Adjust the seat position before fastening the seat belt.

Adjusting Front Seats

Adjusting Front Seat with Power*

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

① Seat position adjustment switch

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

② Seatback angle adjustment switch

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



CAUTION

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

Ventilation and Heating System*

- To access the A/C setting interface, go to → **Vehicle** → **Seats** → **A/C**.
- You can also access the seat ventilation settings in the drop-down menu on infotainment system homepage.

Ventilation adjustment*

- Seat ventilation: On the infotainment touchscreen, tap the seat ventilation icon to control the fan speed.
- Tap to select the operation mode among different gear.
- Switch to OFF to disable seat ventilation.

Seat Heating and Ventilation System*

- Heated seat: Control the operation mode of the heating pad by using the seat heating switch.
- Tap to select the operation mode among different gear.
- Switch to OFF to disable seat heating.

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

- Press the ventilation switch to let the ventilator work; pressing the heating switch now stops the ventilator and starts the heater.
- Press the heating switch to let the heater work; pressing the ventilation switch now stops the heater and starts the ventilator.

Folding Rear Seats

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



REMINDER

- Fold or unfold the rear seats at a moderate speed. Avoid

REMINDER

quickly lowering or pulling up seatbacks to prevent damage to or malfunction of rear seats and the seat belts.

- When unfolding a rear seat, do not push the seatback hard; otherwise, the seatback will be pre-stressed and impossible to unlock.
- When unfolding a seatback, check that the buckle position is proper to expose the reserved opening on the seat.
- Do not turn over the seat when the seat belt latch is inserted into the buckle.

Adjusting Rear Seat Head Supports

- Lifting a head support

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

- Lowering a head support

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



- Removing a head support

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

- Installing a head support

Insert the head support levers 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

Configuration 1



- 1 Cancel cruise control
- 2 Lever
- 3 Cruise control
- 4 Custom
- 5 AVM
- 6 Driving information

- 7 Scroll button
- 8 Right
- 9 Instrument cluster/Back
- 10 Call
- 11 Speech recognition
- 12 Left

Configuration 2



- 1 Distance -
- 2 Distance +
- 3 Lever
- 4 ACC
- 5 Panoramic view*
- 6 Driving information

- 7 Right
- 8 Scroll button
- 9 Instrument cluster/Back
- 10 Call
- 11 Speech recognition
- 12 Left

Left-hand buttons

Lever

- Reset+: Restores the speed stored before exiting from the cruise system last time.
- Set-: Sets the current speed to the target cruise speed.

Cruise control*

- Press this button to turn the cruise control system on or off.

Distance +*

- Increases the time-based following distance from the vehicle ahead by one level each time when it is pressed with ACC active. A total of four levels are available.

Distance -*

- Decreases the time-based following distance from the vehicle ahead by one level each time when it is pressed with ACC active. A total of four levels are available.

Cancel*

- Press this button to change the cruise control mode from active to standby.

Panoramic view*

- Press this button to enable or disable the panoramic view system.

Driving information

- Press to cycle through the driving information interfaces, and press and hold to clear the relevant driving information.

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 button

- 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 ◀ to play the previous track (track number -1).
 - Press ◀ to select a record upward on the Bluetooth call record or phonebook screen.
 - Press ▶ to play the next track (track number +1).
 - Press ▶ to select a record downward on the Bluetooth call record or phonebook screen.
- In the 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.

Instrument cluster/Back

- When the instrument cluster is not in the menu mode, press Instrument

cluster/Back to show the instrument cluster menu.

- When the instrument cluster is in menu mode, press this button to return to the upper-level screen, or to exit the menu if there is no upper-level screen.
- When on the Bluetooth call screen, press this button to end the call.

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. The voice recognition screen is displayed and you can say the desired voice command.
- Press a second time to exit the screen.

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

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

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



WARNING

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

Steering Assist Mode Settings

- The level of steering assistance can be adjusted to individual preferences.
- To set the steering assist mode, go to  → **Vehicle** → **Driving Control** → **Steering Assist Mode**, and select the Comfort or Sport mode.

! REMINDER

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

Wipers

Wiper Switches

Windshield Wipers and Washer

Front wiper

- The lever is used to control the windshield wipers and washer. It has five settings:
 -  : Auto/Intermittent wipers level 1
 -  : Auto/Intermittent wipers level 2
 -  : Slow
 -  : Fast
 -  : OFF
- To select a mode, simply move the lever roller up or down.
- In slow and fast modes, the wipers operate continuously.



- To operate the wipers in intermittent mode, press the end button of the

control lever to the first position. The wipers will operate at a low speed until the button is released.



Front windshield washer

- To clean the front windshield, press the button at the end of the control lever to the second position. The washer spray continuously, and the wipers will start working afterward.
- When the stick is released, or when it is held for over 10 seconds, the washer spray stops, and the wipers stop after operating for 1–2 cycles.



Rear wiper

- Move the middle roller of the wiper switch to the "  " position to put the rear wipers into intermittent mode.
- The rear wiper stops working when the middle roller of the wiper switch is set to the "  " position or when the trunk lid is opened.
- Rotate the middle roller of the wiper switch to the "  " position and hold

it to activate the rear windshield wiper and washer simultaneously.



- Rotate the middle roller of the wiper switch to the " " position and release it. The wiper will operate 2 to 3 times and stop after washing fluid has been sprayed.

CAUTION

- Check and clean the wiper blades at regular intervals.
- Avoid using the wipers immediately after it starts raining, as the rain mixed with mud and dust will not clean the windshield effectively and may instead cause instant blurred vision, affecting driving safety.
- If snow or other debris causes the wipers to stop mid-operation, turn off the wipers and park the vehicle in a safe location. Then clear the snow or debris to allow the wipers to function correctly.
- Use cleaning agent for glass. The use of water, or another type of detergent, may damage the washer motor.
- Do not operate the washer for over 10 seconds, or when the washer fluid tank is empty, as those may cause motor overheating or damage.

Replacing Wiper Blades

Inspect front/rear 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 wiper arms are lifted, otherwise it may damage the hood and wiper arms.

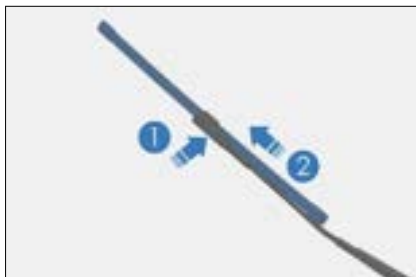
Replacing Wiper Blades

When the vehicle is powered on, enable or disable the front/rear wiper check function on the infotainment touchscreen →  → **Service** →

Overhaul. When the corresponding wiper check function is enabled, the wipers rotate out automatically for easy maintenance and replacement.

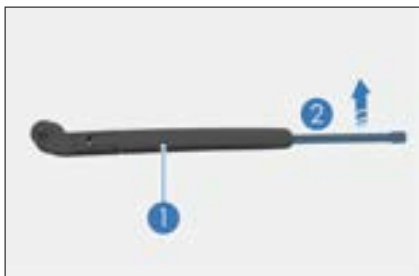
Replacing front wiper

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



Replacing rear wiper

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



CAUTION

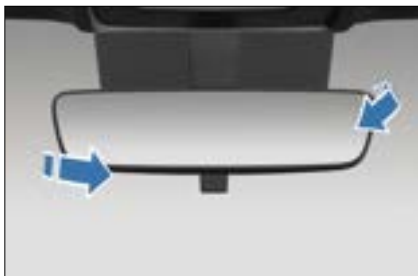
- Do not open the hood when the wiper arms are pulled up, as this may damage the hood and wiper arms.
- Lower the wipers slowly and avoid direct impact onto the windshield.
- Do not bend the wiper blade, and do not obstruct the wiper blade when the wiper is in operation.
- When replacing the wiper blade,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

Rearview Mirrors

Interior Rearview Mirror

Adjusting the Rearview Mirror Manually

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



WARNING

- Adjust 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.

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.



Manual Anti-glare Interior Rearview Mirror*

The mirror has two working modes: normal and anti-glare.

- Normal mode: Turn the control lever to position ①, in which the image in the interior rearview mirror is the clearest.
- Anti-glare mode: Rotate the control stick to ② to effectively reduce interference from headlights of rear vehicles at night. Note that anti-glare may lower the clarity of rear visual field.



Power Side Mirrors

Side Mirror Switches

Folding side mirrors with power

- Press the fold button  to fold both left and right side mirrors, which will return to their pre-folding positions if this button is pressed again.

- The left side mirror can be selected by pressing the corresponding auto regulation switch .



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



WARNING

- Adjust the side mirrors before driving. Do not adjust the side mirrors while driving. This may distract your attention, causing accidents.



REMINDER

- Do not operate the controller or scrape the surfaces of frozen side mirrors. Use de-icer spray to remove the ice.
- Adjusting side mirrors before driving. Do not adjust the side mirrors while driving. This may

! REMINDER

distract your attention, causing accidents.

Switches

Light Switches

- The automatic lights, position lights, low beam, rear fog lights, and daytime running lights switches are integrated into the infotainment system.
- To turn off the auto light, position light, low beam, rear fog light and daytime running light, go to the infotainment touchscreen → ⚙️ → **Light** → **Exterior Light**.

Turn signals

- Push up the switch lever to activate the right turn signal and down to activate the left turn signal.



High beam

- When the auto light or low beam function is activated in the infotainment system, push the lever to turn on or off the high beams.
- Push the lever forward (away from the steering wheel) to turn on the high beams and then they are solid on.

- Pull the lever back (close to the steering wheel) and the high beam flashes. Release the lever for the light switch to automatically reset and the high beams turn off.



! REMINDER

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

Auto light off

- Activation conditions: to activate this function, set the switch lever to position lights and low beam lights and switch off the vehicle power.
- When the auto light off function is activated, the headlights, position lights, rear fog lights, and high beams turn off in 10 seconds if the driver's door is closed.
- When the auto light off function is activated, the headlights, position lights, rear fog lights, and high beams turn off in 10 minutes if the driver's door is open.
- After the lights turn off automatically, if the light status changes, these lights come on in the new status. If the conditions to activate the auto light off function are still met, the function is activated again.
- Disabling 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 opened, the duration extends to 10 minutes.

Courtesy Light

- Headlights after exit:
 - Set the time for "Headlights after Exit" on the infotainment touchscreen →  → **Light** → **Courtesy Light** (default: 10 seconds). With the lights set to "Auto Lights", "Position Lights" or "Low Beam", when you power off the vehicle, lock four doors and attempt to leave the vehicle, the corresponding lights will continue to light up for 10 seconds (or the set time) to provide coming-home lighting.
- Headlights before enter:

- Set the time for "Headlights before Enter" on the infotainment touchscreen →  → **Light** →

Courtesy Light (default: 10 seconds). With the light adjustment switch turned to "Auto Lights", "Position Lights" or "Low Beam", when you unlock the vehicle and attempt to approach it, the corresponding lights will light up for 10 seconds (or the set time) to provide the leaving-home lighting.

Adjusting Headlight Height

When the low beam is on, tap  → **Light** → **Exterior Light** → **Headlight Height** on the infotainment touchscreen to adjust the vertical beam angle of the headlights.



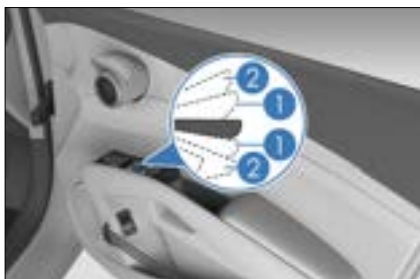
Loading Conditions	Recommended Lighting Level
One person in the driver seat	0-2
The driver, plus one passenger in the front seat	
All the seats occupied	0-2
All seats occupied, plus an evenly distributed load in the trunk	
Driver, plus an evenly distributed load in the trunk	1-3

- Vehicle loading conditions may differ. Adjust accordingly.

Driver's Door Switches

Power Window Switches

- When the vehicle is in "ON"/"OK" gear, the window switches can be used to roll up or down windows.
- Press a window switch to roll the window down.
- Pull up a window switch to roll the window up.



Manual operation

- Press or pull a window switch to position ① and hold to lower or raise the associated window. Release the switch to stop the window where you want it.

Auto lifting

- Press or pull a window switch to position ② and release to automatically lower or raise the associated window. During the process, operate the switch in any direction to stop the window midway.

Anti-pinch function

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

Anti-pinch initialization

- Close the window, release the switch, and then operate the switch and hold it for at least 400 ms.

When automatic up or anti-pinch function fails

- Follow the steps below to restore the function:
 - Pull up the window switch to raise the window glass to the top position and hold it there for about two seconds, and then press to lower the window glass to the bottom and hold it there for about two seconds. The automatic up and anti-pinch functions can be restored.

Delay function*

- After the vehicle is powered off, if the front doors are not open, the four-door window controller has a roll-up/down delay period of 10 minutes. 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

- Never try to deliberately activate the anti-pinch function.
- Follow the precautions below to prevent serious injuries 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.

CAUTION

- Excessively frequent activation of the anti-pinch function can activate the regulator motor's overheat protection.
- If the low-voltage battery is disconnected while a window is being rolled up or down, the automatic rolling-up and anti-pinch functions both cease to work.
- The anti-pinch function may not work if an object is jammed into the window when it is almost completely closed.
- Contacting a BYD authorized dealer or service provider for servicing is recommended if the windows' auto up or anti-pinch function fails.

Central Locking

- The driver's door is equipped with power door lock switches to lock or unlock all doors.
- ① **Unlocking**
 - Press the central unlock button. All doors are unlocked and the red lock indicator turns off.
 - ② **Locking**
 - Press the central lock button. All doors are locked and the red lock indicator lights up.



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

Window Lock Button

- Pressing this button deactivates the window switches on the rear row. The window switches on the sides of the driver and the front passenger remain operational.
- Press the switch a second time. The indicator goes out, and the window switches on the rear row work normally.



Odometer Switch

- The corresponding settings are accessible on the infotainment touchscreen →  → **Audio Display** → **Instrument** → **Range Display Mode**. Total mileage (Mileage 1 and Mileage 2)



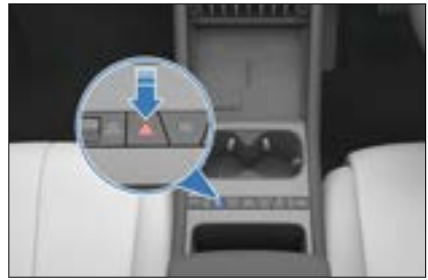
Window Control Switch on Passenger Side

When the ignition is on, the window control switches near passengers can be used to roll the associated windows up or down.



Hazard Warning Light Switch

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



CAUTION

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

Mode Switches

① Driving Mode Adjustment Lever

- Available driving modes include normal mode (NORMAL), economy mode (ECO), sports mode (SPORT), and snow mode. Using the stick, choose among the different modes shown on the cluster to suit your different needs.

② Regenerative braking mode button



- Press the button to increase regenerative braking force.
- When this switch is pressed again, standard regenerative braking mode is enabled.

CAUTION

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

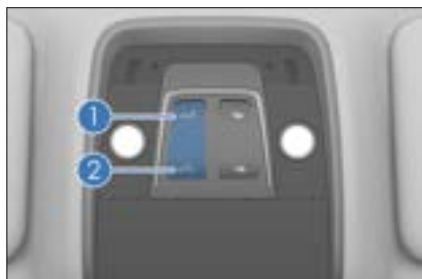
Sunroof Switch*

Panoramic Sunroof*

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

Opening the sunroof

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



Closing the sunroof

- Press and hold the button ② to close the sunroof and release the button midway to stop it.
- If the sunroof has been initialized, releasing the button ② immediately after pressing it closes the sunroof automatically. For the sunroof to stop, press button ① or ② midway.

Opening/Closing the Sunshade*

Opening the sunshade

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



Closing the sunshade

- Press and hold the button ② to close the sunshade and release the button midway to stop it.
- If the sunshade has been initialized, releasing the button ② immediately after pressing it closes the sunshade automatically. For the sunshade to stop, press button ① or ② midway.

CAUTION

- When opening or closing the sunshade, avoid forceful contact

**CAUTION**

with its curtain, to prevent damage.

Sunshade linkage

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

Anti-pinch Sunroof*

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

**WARNING**

- Keep clear of the sunroof when it is opening or closing, or severe injury may occur.
- Passengers must refrain from sticking hands or their heads out through the sunroof. Otherwise, severe injury or even death may occur.

**CAUTION**

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

Initialization

- In the event of a system malfunction of the sunroof, the sunroof and sunshade may not be able to open or close with a single press, affecting the proper operation of the anti-pinch function. Performing an initialization reset can restore normal functionality: Follow the instructions:

- Press and hold the sunroof close button until it fully closes. Release the button after hearing a "deek" sound and the initialization process is complete.

- Press and hold the sunshade closing button until it moves to the fully closed position. Release your hand after hearing a "deek" sound, and the sunshade initialization is complete.

Anti-pinch function

- The sunroof (sunshade) may experience significant resistance due to freezing, snow accumulation, or foreign objects, triggering the anti-pinch rebound mechanism and making it difficult to close. In this case, after the sunroof (sunshade) rebounds twice consecutively and stops, immediately long-press the close button until it reaches the fully closed position. Release the button upon hearing the "deek" sound, and the sunroof (sunshade) initialization is complete.

Interior Light Switch**Front Interior Lights**

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



Rear Interior Lights*

- Press button ① to turn on the left light. Press button ① to turn off the left light.
- Press button ② to turn on the right light. Press button ② to turn off the right light.



- Ambient light brightness
- Ambient light adjustment area
- Dynamic colors
- Dynamic music rhythm ambient lighting

Rear Side Interior Light Switches

- With the vehicle in any power mode, press this button to continuously turn on the left/right rear side interior light.
- Press it again to turn off the left/right rear side interior light.



Smart Ambient Lights*

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

- Tap  → **Light** → **Ambient Light** to set:
 - Ambient light colors

04

USING AND DRIVING

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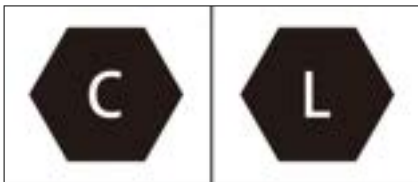
Discharging Instructions

Charging Instructions

- 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 relatively safe environment, and avoid charging in damp areas, or areas with fire or heat sources.
 - Protect the charging equipment against water contact on rainy days.
- Before charging:
 - Ensure that power supply equipment, charging connector, charge port, and charging connection device are free of defects, such as cable wear, rusted ports, cracked casings, or foreign objects in the ports.
 - Do not charge the vehicle when the charging connector's or port's plug, socket, or metal terminals are loose or damaged by rust or corrosion.
 - When the charging connector, port, power plug, or socket is visibly stained or damp, wipe them with a dry and clean cloth to ensure the connection is dry and clean.
- Use charging equipment that complies with local standards.
 - To avoid charging failure or fire, do not modify, disassemble, or repair the charging equipment and related ports. 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 charging equipment during charging, stop immediately and contact a BYD authorized dealer or service provider.
- Always observe the following charging precautions to prevent damage to the vehicle:
 - Do not shake the charging connector, otherwise the vehicle charge port may be damaged.
 - Whenever possible, do not charge the vehicle in a thunderstorm, or there will be a risk of lightning strikes.
- Do not open the hood for maintenance while charging.
- After charging, do not disconnect the charging equipment with wet hands or while standing on any wet surface.
 - Before driving, ensure that the charging equipment is disconnected from the charge port.

Compatibility of vehicle and charging infrastructure *

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



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

Charging Precautions

- When the SOC bar on the instrument cluster turns red, the high-voltage battery is about to be exhausted. Please charge it immediately, otherwise the service life of the high-voltage battery and your driving experience will be affected.
- 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, which can affect the normal use of other equipment.
- Avoiding damage to the charging equipment (precautions for charging equipment):
 - Prevent the charging equipment from any mechanical impact, such as falling and colliding with other objects.
 - 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 the equipment.
- Switch the ignition off before charging.
- Before charging:
 - Make sure that the charging connector and charge port are free of foreign objects, and that the protective cap of the charging connector terminal does not get loose or deformed.
 - Hold the charging connector, align the connector with the charge port and push it in, making sure that they are properly connected.
- When charging is complete:
 - Stop charging first and make sure the charge port is unlocked.
 - Pull out the charging connector.
 - Do not force the charging connector out while the charge port is locked, otherwise the charge port may be damaged.
- The vehicle can be powered on to use A/C while charging. To ensure the charging power, it is recommended to turn off the A/C.
- It is recommended that no one stay in the vehicle during charging.
- It is recommended to park the vehicle in a ventilated area during charging.
- The vehicle system automatically stops charging when the high-voltage battery is fully charged. The charge port is equipped with an electronic lock. Unlock it before unplugging the charging equipment.
- To stop AC or DC charging, turn off the charger before disconnecting the charging connector. In Mode 2 charging, remove the charging connector and then the power plug.
- When charging is complete and the charging connector is unplugged, make sure that the charge port's cap and door are closed, otherwise water or foreign materials may enter the port and affect its normal use.

- Before starting the vehicle, 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.
- Too high or too low battery temperatures compromise vehicle charging performance.
 - The temperature control system can improve low-temperature charging capacity of the battery. Due to output capacity limitations of charging piles, the charging time is extended, the heating time becomes longer and the power consumption of heating is increased. This is a normal phenomenon.
 - For faster low-temperature DC charging, charging from low SOC is recommended because, due to the low battery temperature, the charging current is small for vehicles with high SOC in low-temperature environments.
 - To improve your experience, it is recommended to charge the vehicle immediately after using it, as the battery is relatively hot and has better charging performance.
 - In low-temperature regions, it is better to charge the vehicle in a heated indoor space.
 - In high-temperature regions, charging in a cool and ventilated place is recommended.
- Turning A/C on during low-temperature charging affects the performance of the battery temperature control system and charging.
- It is normal that when the battery temperature control system is working during charging, the charging power displayed on the instrument cluster may fluctuate temporarily.
- Before 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.
- To ensure optimum battery temperature, the battery cooling system may continue working after charging is complete.
- During charging, the estimated remaining time to full charge is displayed on the instrument cluster or infotainment touchscreen. It is normal that this charging time may vary slightly across 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.
- If you leave the vehicle parked for longer periods of time, it is recommended to charge it every three months in order to prolong its service life, and fully charge it before use again.



REMINDER

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

! REMINDER

- Do not force the charging connector in or out while the charge port is locked.
- Do not close the charge port door when the port cap is fully open.
- When the vehicle is charged, it is normal that the cooling fan and A/C compressor may operate automatically for the high-voltage battery to cool down.

Charging Mode

- Scheduled charging (only AC): charge the vehicle regularly at a scheduled charging time set by the user. See **P** for details.
- Immediate charging: Charging starts after the charging connector is connected.

General Charging Troubleshooting

Fault	Possible Cause	Solution
Charger is connected and charge starts, but battery cannot be charged.	Charging card in arrears or faulty charging pile.	Consult card balance or contact charging station staff.
	The AC charging connector is not properly plugged in.	Ensure the charger switch has come up. Check cable length and connection correctness.
	Low-voltage battery over-discharges.	Connect the vehicle to another 12V low-voltage battery to charge its own low-voltage battery after the vehicle is powered on.
	The local standard socket has no power supply.	Ensure the power supply is under overload protection. Use an outlet that complies with local standards.
	Vehicle or AC charging connector failure.	Check for power system fault warning light or charging system fault message on the instrument cluster. If found, stop charging and contact a BYD authorized dealer or service provider.
	High-voltage battery temperature above or below specification.	Warm up or cool down the high-voltage battery. Keep the vehicle in an environment with appropriate temperature and charge it when the temperature becomes normal.
Charging stops midway.	The high-voltage battery has been fully charged.	When the high-voltage battery is fully charged, the charging will stop automatically.
	Charging cable is not connected properly.	Verify that the charging connection cable is not loosely connected.

Fault	Possible Cause	Solution
	AC grid outage	Charging will restart automatically a while after AC supply returns to normal. If it doesn't, reinsert the charging connector.
	The high-voltage battery temperature is too high.	Charging stops automatically if the high-voltage battery overheating warning light comes out on the instrument cluster. Charge the vehicle when the battery temperature returns to a normal level.
	Vehicle or charging pile fails.	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.
- Protect the charging equipment against water contact on rainy days.

Using Mode 2 Charging Cable*

Before using mode 2 charging cable:

- To prevent serious personal injury, see Charging Safety Warnings in "Charging Instructions" carefully.
- To prevent damage to the charging equipment and the vehicle, see Charging Precautions in "Charging Instructions" carefully.

1. Equipment

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



WARNING

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

WARNING

- When charging, do not place the equipment in the trunk, under the front of the vehicle, or near the tires.
- When using the equipment, prevent it from getting rolled over by the vehicle, dropped, or trampled on.
- Never drop the equipment or move it by pulling it directly by the cable. Take caution when moving the equipment.
- It is not recommended to use any additional wire or adapter/connector.
- Never use the charging equipment if the household power strip cable becomes soft, the charging connector cable is worn out, the insulation layer is cracked, or any other damage occurs.
- Never use the equipment when the charging connector, power plug, or power strip is disconnected, broken, or there is any sign of surface damage.
- To prevent failure of the charge port door, do not open and close it repeatedly.

REMINDER

- 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

- Contact a BYD authorized dealer or service provider to select the appropriate power supply according to the charging equipment requirements.
- 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.

CAUTION

- The charging cable must not be placed in a spiral during charging, as this will affect heat dissipation.
- See "Charging Instructions" for charging safety warnings.

2. Charging**Configuration 1:**

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



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



Configuration 2:

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



- Open the 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 force the charge port door open when it is locked.
- Connect to the power supply terminal:
 - Plug the Mode 2 charging cable into a household socket.
- Connect to the vehicle port:
 - Plug the charging connector into the port and make sure it is tight.
 - After the charging connector is inserted, the charging connection indicator lights up on the instrument cluster or infotainment touchscreen.

! CAUTION

- In the charging process, the instrument cluster displays relevant charging parameters and the charging sign.
- At this time, you can go to → **Energy** → **Charge and Discharging** to set smart charging.
- During charging, the estimated remaining time to full charge is displayed on the instrument cluster. It is normal that this charging time may vary slightly across temperatures, SOC, and charging facilities.
- Scheduled charging cannot be used when the battery is too low.

3. Stopping charging

- End charging:
 - The charging automatically ends when the vehicle is fully charged.
 - To end the charging early, proceed to the next step.

- Unplug the charging connector:
 - If the immobilizer is activated on the infotainment touchscreen, press the unlock button on the key or press the door handle microswitch with the key nearby, and 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 system is enabled, unlock the vehicle to release the charge port immobilizer before pulling out the charging connector. The connector has to be pulled out within 30 seconds, or the port will re-lock.
- You can set the anti-theft lock on the infotainment touchscreen →  → Energy → Charge/Discharging, as detailed in Charge Port Anti-theft Lock.
- If the charging connector cannot be removed after unlocking, try a few more unlocking attempts. If that does not work, try emergency unlocking. For the operating procedure, see Emergency Unlocking of the Charge Port.

- 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.

Using AC Charging Piles

Before using AC charging piles:

- To prevent serious personal injury, see Charging Safety Warnings in "Charging Instructions" carefully.
- To prevent damage to the charging equipment and the vehicle, see Charging Precautions in "Charging Instructions" carefully.

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.
 - The single-phase AC charging box: consists of a charging box, a charging connector, and a connecting cable. For information on circuit breaker and emergency stop switch, see the charging box user manual.
 - Equipment specifications: 7 kw single-phase charging is supported.
- Single-phase AC charging pile
 - Charge the vehicle using a single-phase AC charging pile in a public place. Since some charging piles are not equipped with charging connectors, AC charging connectors need to be prepared.
 - Charging time: Refer to the charging time message on the instrument cluster or infotainment touchscreen.

2. Charging

- Unlock the vehicle, then open the charge port door and cap*:
 - To open the charge port cap and the port door*, see instructions for **P82**.
- Connect to the power supply terminal:
 - Skip this step if an AC charging box is used for charging.
 - Skip this step if an AC charging pile equipped with a charging connector is used.
 - Use mode 3 charging cable to connect your vehicle to the AC charging pile if no charging connector is provided.
- Connect the vehicle port:
 - Plug the charging connector into the port and make sure it is tight.
- Charging settings:
 - Skip this step if an single-phase AC charging box or a public AC charging pile without any setting option is used.
 - For public single-phase AC charging pile/box with settings, swipe the card or scan the QR code. See the user manual for charging pile/box details.
- The charging connection indicator  lights up on the instrument cluster.
- In the charging process, the instrument cluster displays relevant charging parameters and the charging sign.
 - At this time, you can schedule smart charging on the infotainment system.
- Disconnect as per the instructions for **P82**.
- Disconnect the power plug.
 - Skip this step if an AC charging box* is used for charging.
 - Skip this step if an AC charging pile equipped with a charging connector is used.
 - If Mode 2 charging cable is used, it is recommended to unplug the charging connector from the vehicle first and then the plug from the charging point.
- Close the AC charge port cap* and the port door.
- Store the equipment properly.
 - If an AC charging pile/box is used, place the charging connector in its designated location.

Using DC Charging Piles

1. Equipment

- Charge the vehicle using a public DC charging pile at a 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

Configuration 1:

- See to unlock the charge port door and open the port door and cap.
- Connect the vehicle port:
 - Plug the charging connector of the DC charging piles into the DC charge port and lock it.

3. Stopping charging

- End the charging:
 - Charging ends automatically when early stop time is due or charging is complete.
- Unplug the charging connector:

- Operate the charging equipment according to the instructions 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.

Configuration 2:

- See to unlock the charge port door and open the port door and cap.
- Connect the vehicle port:
 - Plug the charging connector of the DC charging piles into the DC charge port and lock it.
- Operate the charging equipment according to the instructions 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:
 - If the charging pile is set to end in advance or the charging has been completed, the charging pile will automatically end the charging, and the vehicle will end the charging.
 - Press the unlock button twice within three seconds or press the microswitch on the door handle to stop charging.
- Disconnect the charge port:
 - Ending the charging, 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.
- Close the charge port cap and the port door.



REMINDER

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



CAUTION

- After charging, if the charging gun cannot be unplugged after the unlocking operation, it can be tried many times. If that does not work, try emergency unlocking. For the operating procedure, see the instructions in **P92**.

CAUTION

- See the charging instructions for specific charging precautions.

WARNING

- See "Charging Instructions" for charging safety warnings.

Smart Charging

- Smart charging encompasses the feature of scheduled charging and scheduled departure*. Scheduled charging allows you to customize the daily start time of the charging session. Scheduled departure enables you to set a desired departure time.
- You can access the setting screen either through the infotainment system or voice control: The charging mode can be set on the infotainment system or by calling the BYD Assistant. To access the setting:
 - You can access this function by touching the app Smart Charging on the infotainment system.
 - You can access this function by infotainment system.
 - On the infotainment touchscreen, tap  → Energy → Charge and Discharge.
- The charging mode can be set on the infotainment system or by calling the BYD Assistant. To access the setting:
 - To exit the Smart Charging page, tap the back button or the home button.

REMINDER

- Scheduled charging and scheduled departure can not be activated simultaneously.

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



CAUTION

- The scheduled charging function is developed for BYD's slow AC charging equipment only. Disable this function when using non-BYD-certified slow AC charging equipment. Otherwise, scheduled or immediate charging may fail due to no response from the equipment, resulting in low SOC or even low voltage of the high-voltage battery.



REMINDER

- The instant charging option on the reminder screen is valid for the current schedule only. To cancel all schedules, toggle scheduled charging off on the corresponding setting screen.
- Scheduled charging is dedicated for BYD AC charging piles. If you need to use this function in a public charging facility, make sure it supports scheduling from the vehicle system.
- 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.
- When the scheduled charging has a long waiting time, the function will consume some power, which is a normal occurrence.
- The function is usable for AC charging connectors only. The schedule setting is invalid for DC charging. Charging begins



REMINDER

immediately after a DC charging connector is connected.

Scheduled departure*

- ① Scheduled departure switch
- ② Scheduled departure time
- ③ Repeat cycle
- ④ Concessionary tariff hours
- ⑤ Switch to scheduled charging



- To schedule a charging for departure, toggle the switch ① on, set the intended departure time ②, choose from single-use, daily, or customized repeat cycle options at ③, fill out the concessionary tariff hours ④, and save the settings.
- The system optimizes charging by utilizing off-peak hours, ensuring it completes charging when the power price is lower. If the remaining charging time is longer than the remaining travel duration or the concessionary tariff hours, the vehicle initiates immediate charging to maximize the amount of energy it can acquire.
- To schedule a charging for departure, toggle the switch ① on, set the intended departure time ②, choose from single-use, daily, or customized repeat cycle options at ③, fill out the concessionary tariff hours ④, and save the settings.

- The system optimizes charging by utilizing off-peak hours, ensuring it completes charging when the power price is lower. If the remaining charging time is longer than the remaining travel duration or the concessionary tariff hours, the vehicle initiates immediate charging to maximize the amount of energy it can acquire.
- The preheating function ensures the battery performs well in low-temperature conditions, ready for optimal performance.
- The intelligent cabin temperature control pre-cools or warms the cabin, ahead of the scheduled departure, ensuring a cozy environment.
- Tap ⑤ to switch to scheduled charging.

REMINDER

- When the SOC reaches a critically low level, the vehicle is charged to a minimum level before scheduled charging begins.
- Ensuring full charge, if not complete after the concessionary tariff hours, the vehicle continues charging until it is fully charged.
- When the vehicle is powered on, low-temperature battery preheating and cabin temperature control are deactivated, but the concessionary tariff hours are still in effect.
- If the current time exceeds the scheduled departure time, both battery preheating and cabin temperature control are deactivated.
- Battery preheating and cabin temperature control incur a temporary battery usage.

REMINDER

- Battery preheating and cabin temperature control are only available when the SOC is above 40%.

Intelligent Charging

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

REMINDER

- When the vehicle lies idle for long periods, it is normal that intelligent charging takes place.
- 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 Instructions

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

WARNING

- Do not touch any metal terminal of the discharging socket or the vehicle charge port during discharging.
- Stop discharging immediately if there are any abnormalities such as peculiar smell and smoke.
- See Charging Instructions for discharging safety warnings.

WARNING

- 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

- For precautions concerning use of the discharge connection device, refer to the charging equipment precautions in Charging Precautions.
- Before discharging, confirm the vehicle SOC and estimate the remaining driving range.
- Before V2L discharging, ensure that the load is turned off.

REMINDER

- The VOTL function is recommended only when SOC is high.
- The VTOL function is restricted when the vehicle SOC is low.
- When the vehicle is powered off, the static power consumption

REMINDER

of the vehicle will increase if the discharging connection device is connected for an extended period without any output. Therefore, removing the discharging/charging connector is recommended when the device is not used.

External Discharging**1. Equipment**

- Vehicle-to-load (V2L) equipment*: The device consists of a discharging connector, a power strip, a cable, and a discharging connector protective cover.
- Equipment specifications: External discharging means discharge through a V2L connection.

2. 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:
 - Ensure that the vehicle SOC is at least 15%.
 - Ensure the V2L connecting device casing is not cracked, and its plug is free from rust or obstructions.
 - Ensure that there is no water or foreign material inside the charge port and that metal terminals are not damaged and free from rust or corrosion.
 - Do not discharge if the above second or third condition is found; otherwise, short circuit or electric shock so caused could lead to personal injury.

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

3. Stopping discharging

- Stop discharging:
 - Disconnect the load.
- Disconnect the discharge connection device:
 - Unplug the discharging device.
 - Close the charge port cap and the port door.
- Organize the equipment:
 - Store the equipment properly when discharging is complete.

Charge Port Anti-theft Lock

- In order to prevent the charging connector from being stolen, the vehicle charge port is anti-theft during charging and discharging. The charging port immobilizer system is disabled by default. To enable it, go to the infotainment touchscreen →  → Energy → Charging/Discharging.



- When the immobilizer is activated, the charging connector will lock if charging connector is connected and the four doors, hood and trunk lid are locked. To disconnect the connector, unlock the vehicle first.

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 (with the smart key nearby).
 - Press the central unlock button under the window on the driver's door to unlock.



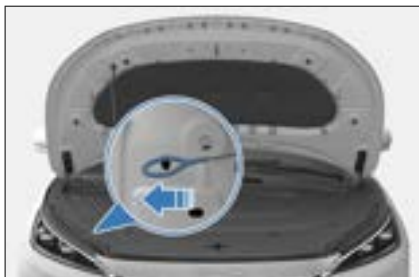
CAUTION

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

Emergency Unlocking of Charge Port

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

- Open the hood. A lock latch can be found inside. Pull the latch to unlock the charging connector.



Driving Range Display Settings*

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



REMINDER

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



REMINDER

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

- The driving range actually displayed will be adjusted based on the state of the vehicle's air conditioner, the driving mode selected, and the driver's driving habits, so as to match the vehicle's actual driving range.

Energy Regeneration Settings

- During the driving, energy is recovered through regenerative brakes when the vehicle decelerates. For higher efficiency, do not accelerate or decelerate the vehicle unnecessarily.
- The energy regeneration intensity can be set with the regenerative mode button or 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 are accessible in the infotainment touchscreen → → **Energy** → **Energy Manager** → **Regenerative Braking**.
- 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 regenerative braking 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 adjust the regenerative braking intensity while driving at high speeds. This may distract your attention and cause accidents.
- The power of the whole vehicle is weaker at low battery level than that at high battery level.

Batteries

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, V2L is unavailable. 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. For details, see Charging Precautions.
- When the vehicle is used at low temperatures, the battery's temperature control system will start heating the battery as appropriate to ensure the driving power and discharging performance and improve your driving experience. When the vehicle is driven over short distances, heating may be ineffective, which increases power consumption and decreases driving range.
- When the high-voltage battery is normal, the driving range of the vehicle varies with the following factors:
 - Driving habit: For example, the range in frequent acceleration or deceleration is shorter than that at constant speeds, and the range is shorter when driving at high speeds than when at low speeds.
 - Road conditions: For example, the range driven in rough conditions or

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

- **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 high-voltage battery directly.
- Please contact a BYD authorized dealer or service provider as soon as possible.
- If the high-voltage battery is damaged and leaking fluid, avoid any contact with the fluid. If it comes into contact with skin or eyes, rinse immediately

WARNING

with plenty of water, and seek immediate medical attention.

- If the vehicle catches fire, use dedicated fire extinguishers instead of water-based fire extinguishers.

CAUTION

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

CAUTION

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

Recycling the High-Voltage Battery

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

- 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 prevent the SOC of the low-voltage battery becoming too low, the intelligent charging function is triggered automatically when conditions are met (ignition off, high-voltage battery discharging allowed, and low-voltage battery level below the design value).
- 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 cluster decreases, when the vehicle is started after being idle.
- If intelligent charging fails, the low-voltage battery may cut off the vehicle's power supply. If you find before use that the vehicle is not powered, try to activate the low-voltage battery by pressing the driver's door microswitch continuously, and immediately power on the vehicle to charge the low-voltage battery. It is recommended to charge it for more than one hour.



REMINDER

- The low-voltage battery contains relays. Thus, it is normal that relay operating sounds may be emitted from the battery.
- The low-voltage battery shall be charged with professional charging tools, and shall not be removed for recharging without permission.
- Do not jump-start the vehicle with another fuel vehicle, as this may damage the low-voltage battery.
- The low-voltage battery is a battery on low-voltage platform



REMINDER

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 without authorization.
- The low-voltage battery needs to communicate with the vehicle for normal use, so it is important to connect its connector and wiring harness correctly.

Waking up the Vehicle from Low SOC

Wake-up by the driver's door microswitch

- The low-voltage battery features the dormant/wake-up function. The low-voltage battery may have entered a dormant state after long-term parking. In that case, the vehicle cannot be located or unlocked with the smart key. To wake up the vehicle, hold the smart key close to the driver's door and press the microswitch on the door. When unlocked, the vehicle can be used as normal. If these actions cannot wake up the vehicle, the low-voltage battery may have been exhausted.

Wake-up by jump start*

When the vehicle cannot be woken up and unlocked by the driver's door microswitch, use a 12 V power supply to start the vehicle by two specially designed cables for the jump start.

- The jump start can only be carried out through the special interface of the under-hood PDB. The connection terminals for the jump start in the

under-hood PDB are shown in the figure.

- Positive terminal ①
- Negative terminal ②



WARNING

- Never jump start another vehicle. This may damage the low-voltage battery.
- If the low-voltage battery SOC is too low or the battery fails, jump starting may be required. Please carefully read and strictly follow the jump starting instructions in this manual.
- The low-voltage battery contains an intelligent control module. To prevent battery damage, do not disassemble or damage this battery, except in an emergency.
- Disconnect the negative terminal of the low-voltage battery before performing parts replacement and vehicle repairs.
- Do not clean the low-voltage battery with water, but wipe it with a cloth instead.

CAUTION

- It is recommended that the jump starting be done under the guidance of professionals, as the space for operating the under-

CAUTION

hood PDB is limited and circuit-based risks are present.

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

Trailer Towing

- This vehicle is designed to carry passengers. Do not overload it or use it to tow other vehicles.
- Towing other vehicles has an adverse impact on the maneuverability, performance, braking, endurance,

driving economy, power consumption, and other aspects of performance of the vehicle itself.

- Driving safety and comfort totally depend on equipment usage and good driving habits.
- BYD does not provide free warranty for the damage or faults resulted from the trailer towing.



REMINDER

- Do not exceed the maximum rated weight of the towing hook when towing the trailer, otherwise an accident may occur, resulting in serious personal injury.
- To take into account the braking distance of the vehicle, the inter-vehicle distance must be increased when towing the trailer. At a speed of 10 km/h, the inter-vehicle distance shall not be less than combined length of the vehicle and the trailer. At the same time, it avoids emergency braking and prevents the vehicle from folding and losing control due to skidding.
- Depending on the gross weight of the trailer, the tyre pressure of the trailer must remain within the pressure intensity range specified by the trailer manufacturer.
- After the trailer is towed, the maintenance frequency is increased due to the increased load of the vehicle.

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.

Speed control

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 7 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 regeneration function. To set the

energy regeneration intensity, operate the regenerative braking mode button or go to the infotainment touchscreen. 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:

- 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.



REMINDER

- 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.
- Long items can be loaded by folding the rear seat backrests. Overloading or improper accommodation may affect maneuverability, stability and normal operation of the vehicle, and reduce its safety.
- Make sure the vehicle's total load (vehicle + passengers + luggage) remains within the specified maximum weight.

WARNING

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

Carrying Items in the Passenger Area

- All items that could be thrown inwards and thus injure occupants in case of a collision must be properly placed and secured.
- Do not place any 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 seatbacks.
- For trunk strapping or fastening supplies, contact a BYD authorized dealer or service provider.

Roof Rack*

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

CAUTION

- Luggage must not be put on the roof metal sheet directly. The roof metal sheet is not designed for loading.

**CAUTION**

- Use the roof rack properly and fasten the luggage on the beam.
- Make sure the luggage is securely fastened on the roof rack before driving and during parking.

Wading into Water

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



- Never stop, back up, or turn off the vehicle in flooded areas.
- After crossing over, press the brake pedal several times to dry out the disks and recover brake performance.
- Do not wade into water unless necessary.

**WARNING**

- The presence of water, mud, or silt in the braking system may delay brake response and extend braking distance.
- Carefully apply any wet brake, and remove ice or water on it.

**WARNING**

- Avoid emergency braking as far as possible after driving through any waterlogged road section.
- The motor will be seriously damaged if it is submerged when crossing a flooded area. Such damage is not covered by the vehicle's warranty.
- 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.

- Water in high-voltage components reduces ingress protection rating and voltage withstanding performance, posing 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 flammable materials are found under the car, please clean them up in time to prevent a fire.
 - When driving, it is advisable to avoid roads where flammable materials such as hay, dead leaves, or straws are accumulated. In the event that avoidance is not possible, inspectors should promptly check the underside of the vehicle after passing through areas with accumulations of flammable materials to ensure no such items are attached.
- Keep a lightweight fire extinguisher in the vehicle and know how to use it.
 - 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 in case of an accident.
- 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 cabin is smoking, do not open the hood immediately. (Doing so will let a large amount of air in and cause fire spreading. There is limited comburent in the cabin. Keeping the hood closed can control the fire so that the fire can be easily put out). Point the on-board fire extinguisher at the ignition point from the hood gap to put the fire out, or seek help from the passing cars. If you can borrow more fire extinguishers, open the hood to put it out when you cannot see any flame from outside.
- If the fire brigade is involved, ask for a duty performance certificate and a description of fire cause.
- After occurrence of the accident, contact the insurance company for post-event handling in a timely manner.



REMINDER

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

Starting and Driving

Starting the Vehicle

Starting the vehicle in normal cases:

- Carry a valid smart key with you, depress the brake pedal ① and press the START/STOP button ② at the same time, and then the OK indicator on the instrument cluster illuminates, indicating that the vehicle is ready for driving.
- Shift to Drive or Reverse, and then the electronic parking brake will be released automatically. Do not start driving the vehicle until hearing a motor release sound from the electronic parking brake system.



The vehicle cannot power on when

- The vehicle cannot power on when:
 - After you press the START/STOP button, the smart key warning light turns on, a beep sounds, and the message "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 storage compartment.

- Pressing the START/STOP button may not enable the start function due to:
 - If the electronic smart key does not work, the smart key system warning light flashes and the message "Low key battery" is displayed on the instrument cluster, the battery of the key may be exhausted, replace it as soon as possible.
 - Except for causes mentioned above, the smart access and start system also fails to work normally under some conditions due to different service environments. See Smart Access and Start System for details.

Starting the vehicle in emergencies:

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



CAUTION

- Do not start the vehicle for more than 20 seconds at a time, or the wiring system will overheat.

Remote Start*

Before starting

1. The power mode is "OFF".
2. Shift to "P".
3. The vehicle speed is below 5 km/h.

Remote Start with the Electronic Smart Key

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



3. After the vehicle is started, pressing and holding the remote start/stop button on the smart key for two seconds switches the ignition off. The turn signals then flash twice.

Auto Power On/Off

- To enable or disable auto power on/off, go to the infotainment touchscreen → → **Vehicle** → **Locks** → **Comfort Driving**.
- When auto power on is enabled, power on the vehicle in the following two methods:
 - Method 1: Unlock with a valid smart key, microswitch, NFC digital key*, bluetooth* or cloud service*, and then open the driver's door for the first time.
 - Method 2: Carry a valid smart key, NFC digital key*, bluetooth* or cloud service*, and press the brake pedal. The vehicle is ready to drive.

- When auto power off is enabled, power off the vehicle in the following two methods:
 - Method 1: Press the START/STOP button.
 - Method 2: Shift to Park, and lock from the outside with a valid smart key, microswitch or NFC digital key*.



REMINDER

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

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.
- Leaks: After the vehicle has been stationary for some time, check for fluid deposits beneath it. These may indicate a leak of coolant or other liquids. (It is, however, normal for a small pool of water to form, caused by the air conditioning system.)
- 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 check any cracks in the low-voltage battery housing.

In the engine compartment

- Spare fuses: Verify that spare fuses of all rated charges in the fuse box are available.

Driving

Safety Check before Driving

It is advisable to carry out a safety check before driving a long distance, which

- 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.



REMINDER

- Do not pile up toys in the vehicle, as they may affect driving safety, especially in case of emergency braking or collision.

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 the rearview mirror and side mirrors.
- Close all doors.
- Fasten the seat belts.

Gear Shift Controls

- The gear shift positions are indicated on the shift lever. Pull the lever up or down to switch among Reverse, Neutral, and Drive gears. Press the right button to shift into Park gear.

- After starting the vehicle, press the brake pedal and push the gear shift lever up or down to shift from Park to other gears.
- "P" gear is for parking. Press this button to park the vehicle.



WARNING

- To prevent damaging the transmission, 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 after it is released.
- Turn the ignition on before shifting into Drive.
- Shifting out of Park or into Drive requires pressing the brake pedal. For details, see the prompt message on the instrument cluster.

WARNING

- If the motor is turned off and the vehicle travels for a long time after it is in Neutral, the transmission may be severely damaged due to lack of lubrication.
- When the engine or motor is running and the vehicle is in the "R"/"D" gear, be sure to stop the vehicle by depressing the brake pedal, as the actuator can still transmit force 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.
- In order to prevent accidents, never shift to Reverse or press the "P" button while the vehicle is moving.
- Never coast downhill in Neutral or Park.
- To prevent the vehicle from moving unintentionally, press the "P" gear button after parking. If the electronic parking brake indicator light does not illuminate after successfully switching to "P" gear, manually activate the electronic parking brake via the central display to ensure vehicle safety.

Electronic Parking Brake (EPB)

EPB Switch

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

Engaging EPB Manually

Drop down the shortcut menu on the infotainment touchscreen to activate EPB. When the vehicle is not in Park and EPB is released, pressing the brake pedal engages EPB to apply an appropriate parking brake force. On the instrument cluster,  flashes and then become steady on to indicate that EPB is engaged. The "EPB activated" message is also 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

This function is designed to improve vehicle safety. Excessive reliance on or frequent use of the function is not recommended. For safety, make sure that the vehicle is shifted into Park and the EPB is engaged before getting off.

Switching the ignition off

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

Shifting into Park

- Press the brake pedal to stop the vehicle steadily and shift into Park. EPB is engaged automatically. Do not release the brake pedal until  on the instrument cluster stops flashing and becomes steady on and the "EPB activated" message is displayed.
- Press and hold the brake pedal to stop the vehicle steadily. If the driver's door is opened in Drive or Reverse, do not

release the brake pedal until  on the instrument cluster stops flashing and becomes steady on and the "EPB ON" 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.
- When the vehicle needs to be towed due to breakdown, or the brake pedal needs to be replaced for repairing, you can toggle on Electronic Parking Brake Trailer Mode* (EPB Trailer Mode) in the infotainment touchscreen →  → **Vehicle** → **Driving Control**.

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. During this process, the EPB system does not respond to any operations.

Releasing by pressing the accelerator pedal

- When the vehicle has been started and the gear is in a driving gear such as Drive or Reverse, engage EPB on the infotainment touchscreen, then simply press the accelerator pedal slowly to a certain degree. EPB is released automatically and  turns off with the message "EPB released" displayed.

Emergency Braking When Brake Pedal Fails

- During driving, if the braking fails or is blocked, continue to press the P gear switch for over two seconds for emergency braking.

WARNING

- 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 and do not cause any accident.

CAUTION

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

EPB Trailer Mode*

The EPB trailer mode is mainly set for the automatic 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.

- To set the steering assist mode, go to  → **Vehicle** → **Driving Control** → **EPB**, and select the Comfort or Sport mode.
- EPB trailer mode can be activated when all the following conditions are 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 trailer mode, the corresponding screen always displays on the infotainment touchscreen unless you tap to exit the 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 can exit when any of the following conditions is met:
 - Disable the trailer mode on the infotainment touchscreen.
 - Press the "P" button.
 - Charging starts after the charging connector is connected.

EPB Operating Sound

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



WARNING

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

EPB System Indicator

- When the vehicle is powered on, if the EPB is engaged,  is solid on the instrument cluster.
- When the vehicle is powered off, if the EPB is engaged,  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.

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 the function. The AVH standby indicator (Ⓐ) 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 and hold the brake pedal until the vehicle stops (vehicle speed reduces to zero) to activate AVH. 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.

CAUTION

- Intelligent power braking system and electronic park brake (EPB) systems are normal.
- Pressing the accelerator pedal, shifting into Park, or engaging the EPB manually can make AVH exit to the standby status.
- The AVH is off by factory default.

AVH running

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

AVH exits

- When AVH runs normally, the following actions deactivate AVH and engage EPB:
 - Opening the driver's door.
 - Unlocking the driver's seat belt.
 - The gear status is in Drive when the vehicle stops, and EPB is enabled.
- Pressing the AVH switch to disable AVH when releasing the brake pedal.

WARNING

- Opening the driver's door engages EPB and shifts the vehicle into Park.
- Under the above operating conditions (excluding opening the driver's door), the gear shifts to Park automatically only after the EPB is fully applied (indicator steadily on). If the accelerator pedal is pressed while the EPB is being applied (indicator flashing), the gear does not change and will not shift to Park.

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 activated and stays in standby status to improve vehicle motion.
- To exit slow-moving mode, press the AVH switch or drive at a speed above 10 km/h. The AVH function is on standby and can be activated normally.

Driving Precautions

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

brakes dry, drive carefully and press the brake pedal gently.

- Drive carefully on slippery roads, such as roads covered in ice, snow or sand, or surfaces 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.
- 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.



REMINDER

- 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 in a wrong way.

Winter Driving Precautions

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



CAUTION

- Use special washer fluid to prevent paint damage.
5. Prevent ice and snow from going under the fender liner.
 - 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.
 6. Have emergency tools or items available as prevention for difficult road conditions.
 - It is advisable to have snow chains, window scraper, bags of sand and salt, flashing signal, a shovel and connecting cables in the vehicle.
 - Snow chains are only for emergencies or areas where they are permitted by laws.
 - Snow chains should be installed on rear wheels. Be careful when driving the vehicle installed with snow chains on snow-covered roads. Some snow chains may damage the tires, wheels, suspension, or vehicle body. It is recommended to use thin snow chains with a thickness or diameter no greater than 10 mm to ensure adequate clearance between the tires and other components inside the wheel well.
 - 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, and pay 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 snow chains symmetrically on both sides and removed them immediately after the vehicle is leaving snowy or muddy roads.
- If abnormal noise is heard from the snow chain, it indicates that the chain may contact vehicle components such as suspension, body or brake lines. In this case, stop the vehicle immediately for inspection.
- Install snow chains after turning off the vehicle and engaging the parking brake firmly. Do not install snow chains when the tire pressure is insufficient
- 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.

Winter Tires

- Winter tires provide better traction on snowy roads. The special rubber tread pattern makes the tires less affected by low temperatures and

delivers excellent braking performance to improve driving safety.

Usage tips

- It is recommended to use winter tires in snow or ice conditions or at temperatures below 7°C. When temperatures rise to above 7°C, install summer or all-season tires instead for driving safety and better performance.
- Winter tires must be the same size, load index, and speed rating as those originally provided by BYD.
- Winter tires must have adequate tread depth. Tires with a tread depth less than 4 mm do not perform well in winter conditions.
- Winter or summer tires are designed for specific acceleration conditions. Use them in the corresponding seasons to avoid poor traction or braking performance.
- Do not exceed the speed rating of winter tires, which is relatively low.
- After installing winter tires, inflate them to the design pressures.

Driver Assistance

Cruise Control*

Turning ACC on/off

- After the vehicle is started, press the cruise button ① and  will light up on the instrument cluster.
- Press the button ③ or power off the vehicle to turn off the cruise control system.



Setup

When the vehicle speed exceeds 40 km/h, toggle the rocker switch ② down to set the current speed as the target cruise speed, and **SET** lights up on the instrument cluster.

Adjusting speed

- When the vehicle is traveling at the set cruise control speed, toggle the lever ② up briefly to accelerate by 2 km/h or keep the toggling to accelerate continually.
- When the vehicle is traveling at the set cruise control speed, toggle the lever ② down briefly to decelerate by 2 km/h or keep the toggling to decelerate continually.

Reset

When the vehicle has not started cruising, push up the lever ② to restore to the stored speed prior to exiting the cruise system last time.

Exit

Tap on the button ③ or press the brake pedal or shift the gear from "D" to others to exit cruise control.

Over speed

When the cruise system is activated, press the accelerator pedal to accelerate. If the press is stopped, the vehicle will return to the speed set before the acceleration. Press accelerator pedal while toggling the lever ② down. The current speed is set

as the target cruise speed and the vehicle cruises at this speed.

WARNING

- Improper use of the cruise control system may lead to a crash.
- The cruise control system can only be activated in smooth highway traffic in good weather.

Adaptive Cruise Control (ACC)*

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

Status Description

- ACC off:
 - ACC system is disabled. To access the function, enable the ACC system first.
- 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 depress the accelerator pedal while ACC is activated, the vehicle responds to your 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. Contact a BYD authorized dealer or service provider.

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.
- The driver seat belt is fastened.
- The ESC system is on, but not activated yet.
- The vehicle speed is not greater than 150 km/h.
- Brake pedal is pressed or AVH is activated 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.

How to Use

ACC on/off button

- By default, ACC activation by pressing button ④ sets the current speed as the cruise speed (The system enters standby mode once activation conditions are satisfied). If the current speed is below 30 km/h, the target speed will be set to 30 km/h; and if the current speed is above 150 km/h, the target speed will be set to 150 km/h.



Resetting ACC

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

Increasing/Decreasing target speed

- When ACC is active, vehicle speed can be set within a 30–150 km/h (20–95 mph) range by toggling the rocker switch ②. Toggling the rocker switch ② up or down increases or decreases the speed by 5 km/h (3mph).

WARNING

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

Exiting ACC

- While ACC is being activated, pressing the ACC activation/exit button ④ for a second time or depressing the brake pedal makes the ACC system exit activation and go on standby.

Setting vehicle distance

- The driver must select a safe vehicle distance.
- The system adjusts vehicle speed to keep a suitable distance from the vehicle ahead on the same lane. Pressing buttons ① and ③ on the steering wheel adjusts vehicle distance to any of the four available levels. At each level, vehicle distance is in direct proportion to vehicle speed. The faster the speed, the longer the distance.

Increasing/Decreasing speed with ACC active

- When ACC is activated, you can press the accelerator pedal to reach the set target cruise speed in advance. The system then enters over speed mode. After accelerating and releasing the accelerator pedal, if the vehicle speed is ≤ 80 km/h, the vehicle will continue to travel at the target speed set before acceleration. If the vehicle speed is > 80 km/h, the vehicle will set 80 km/h as the target speed.
- When you press the brake pedal with ACC activated to slow down the vehicle, ACC goes into standby mode. After the brake pedal is released, ACC needs to be reactivated by pressing the button.

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 toggle the rocker switch ② to start the vehicle.

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 decelerate as expected or may decelerate 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.

Precautions

- ACC is a comfort system rather than a safety system, obstacle detector or collision warning system. The driver must keep control of vehicle at all times and be fully responsible for the vehicle.
- The ACC assists the driver, but is not a substitute for the driver. Drivers must abide by traffic rules and keep vehicle control at all times and be fully responsible for their vehicles.
- For safety reasons, ACC cannot be activated with ESC disabled.
- The ACC is suitable for highways and roads in good conditions, rather than complex urban or meandering roads.
- It is the driver's responsibility to keep distance from the vehicle ahead. The ACC system's vehicle distance meets the minimum distance required in driving environments in the country.
- Vehicle control is transferred to the driver if the accelerator or brake pedal is pressed with ACC activated. As a result, the ACC system cannot keep a safe distance from the vehicle ahead.
- The ACC may have no or slow responses to a vehicle ahead that brakes suddenly (emergency stop), resulting in a risk of late braking. In such cases, there will be no take-over request.
- In some cases, such as when the vehicle ahead is going too slow, when 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 audible 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 reflection cross-sectional area 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 cannot identify all the obstacles, so the driver must be alert to the front obstacles or other traffic participants.
- 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 multi-purpose camera in any of the following situations:

- The front mmWave radar, front bumper, or front windshield has been removed.
- Wheel alignment has been carried out.
- The vehicle has experienced a collision.
- ACC system performance has degraded or the instrument cluster has prompted a system error.



WARNING

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

Intelligent Cruise Control (ICC)*

- The Intelligent Cruise Control (ICC) system integrates ACC and lane centering control (LCC). It helps control the vehicle speed, distance from the preceding vehicle, and center the vehicle in the current lane between 0–130km/h (0–80 mph) 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 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,  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 is released.
- The vehicle is in Drive.
- The vehicle does not slide backwards.
- The trunk, hood, and all doors are closed.
- The driver seat belt is fastened.
- The ESC system is on, but not activated yet.
- Vehicle speed is not greater than 130 km/h.

- Brake pedal is pressed at speed 0; or brake pedal is not pressed at speeds above 0.
- There is no vehicle network communication failure prompt on the instrument cluster.
- The AEB function is not activated.
- Two-way lane lines are clear and the vehicle is at the center of the lane.

How to Use

- Press the button ④ on the steering wheel to activate or exit ICC. (By default, when the function is activated, the current speed is set as the cruise speed. If the current speed is below 30 km/h, the cruise speed is set to 30 km/h.)
- For how to set the cruise speed and vehicle distance, see ACC function descriptions (in the previous chapter).
- You can also turn ICC on or off in infotainment touchscreen →  → **ADAS** → **Driving Assist**. (If already toggled on the infotainment touchscreen, ICC can be toggled off only when the vehicle is in Park.) 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.
- When ICC is turned on and activated at vehicle speeds between 0 km/h and 130 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.
- ICC serves as a driver assistance system rather than an autonomous driving system. The driver should keep control of the vehicle at all times, and their hands should never leave the steering wheel. Otherwise, the system will exit after prompting the driver to take 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 has been triggered.
- Vehicle speed exceeds the specified range.
- ICC cannot be activated if special driving modes* such as tow/snow/mud/sand/terrain are enabled.



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.

Blind Spot Assist (BSA)*

The blind spot assist (BSA) system includes the following functions: Blind Spot Detection (BSD), Rear Cross Traffic Alert (RCTA), Rear Cross Traffic Braking (RCTB), Rear Collision Warning (RCW), Door Open Warning (DOW). It detects the environment behind the vehicle through corner mmWave radars installed on both sides of the rear bumper so as to remind the driver of safe driving.

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 the vehicles traveling in the blind spot at the back through rear corner mmWave radars. If the system determines that a vehicle approaching from behind 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 blind spot at the back through rear corner mmWave radars. If the system determines that a vehicle approaching from behind poses a risk of collision, it performs emergency braking automatically.

Rear Collision 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, on an adjacent lane are approaching from behind. At the same time, an icon is displayed on the instrument cluster. If the driver attempts to open the door at this time, indicators on side mirrors begin to flash and a chime sounds.

How to Use

- Go to the infotainment touchscreen →  ADAS → Safety Assist to enable or disable BSD, RCTA, RCTB, RCW or DOW.
- 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, the function will not be activated.
- When the blind spot assist system malfunctions, the instrument cluster displays .
- When the blind spot assist system is active, the instrument cluster displays , 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 mistakenly 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.
- 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.

System Limitations

- 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:
 - Vehicles 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.



警告

- 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.

Forward Collision Warning (FCW) and Automatic Emergency Braking (AEB)*

Forward Collision Warning (FCW) and Automatic Emergency Braking (AEB) detect vehicles and pedestrians ahead by using the front mmWave radar and the multi-purpose camera. When detecting a risk of collision, the system alerts the driver audibly and visually 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.

How to Use

- To enable or disable FCW and AEB, go to the infotainment touchscreen →  → **ADAS** → **Safety Assist**.
- FCW gives alarms in forms of audio, text, and intermittent braking.
- When FCW is activated,  or  flashes, depending on the level of emergency, and a prompt message is displayed on the instrument cluster.
- When AEB is triggered,  and a prompt message are displayed on the instrument cluster.
- In the event of malfunction,  is displayed.
- If you disable AEB manually by pressing buttons,  is displayed.

FCW Activation Conditions

- This function has been turned on in the infotainment touchscreen
- Vehicle speed is within the 15km/h-150km/h.
- The vehicle is in Drive.
- The vehicle does not slide backwards.

AEB Activation Conditions

- This function has been turned on in the infotainment touchscreen.
- Vehicle speed is within the 4-150 km/h range.
- The EPB is released.
- The vehicle is in Drive.

- The vehicle does not slide backwards.
- The trunk, hood, and all doors are closed.
- The driver seat belt is fastened.
- The ESC system is on, but not activated yet.

System Limitations

- Detection may be affected or delayed in some environments. If the radar cross section of the target (a bicycle, three-wheelers, four-wheeler, or motorized bicycle, or motorcycle, for example) is too small, the system may not be able to establish its distance, resulting in either late or no response to those vehicles.
- The 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.
- Oncoming traffic scenario:
 - When detecting a possible risk of collision with oncoming traffic, the system applies emergent braking automatically. If an accident is unavoidable, the system helps reduce the collision speed.

Precautions

- The AEB system cannot ensure zero collision. In complex traffic, the system cannot always clearly identify all the vehicles or pedestrians. It may trigger unnecessary warning or braking action for well covers, iron plates or road signs.
- Make sure to drive safely and observe surrounding traffic conditions. The AEB is not a substitute for normal braking operation in any event.
- Do not overly rely on the AEB system as this may result in severe injuries or deaths. The system is only an auxiliary safety tool. The driver must always keep a safe distance from vehicles ahead, control the speed, and be ready to brake or steer away when necessary. The driver must keep control of the 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 and 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. In that case, a message is displayed on the instrument cluster and both PCW and AEB are disabled. During the sensor failure, PCW and AEB are disabled. They will returns to normal after troubleshooting.
- As the pedestrian protection function is limited by certain physical conditions, the driver must take timely and effective control of the vehicle under dangerous conditions.
- The system cannot completely protect pedestrians or avoid accidents and severe injuries on its own.
- Under certain complex conditions, such as on winding roads, the pedestrian protection function may trigger unnecessary warning or braking.
- System failure may trigger wrong warnings or braking. This may be caused, for example, by the

misalignment of the front mmWave radar or multi-purpose camera.

- The brake pedal becomes harder if AEB is triggered. A large amount of hydraulic pressure will be required to push the caliper in a short time and there will be a sizzling noise.
- The AEB system activates only after all doors are closed and all occupants are buckled up. The AEB system will fail to work if:
 - Any door is not closed or it is opened when the vehicle is moving.
 - The seat belt is not fastened or it is unfastened when the vehicle is moving.
 - The driver accelerates or decelerates rapidly or turns the steering wheel quickly.
 - 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

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

Traffic Sign Recognition (TSR)*

The Traffic Sign Recognition (TSR) system identifies speed limit signs through the multi-purpose camera and map*, displays such signs on the current road on the instrument cluster, and sends alarm messages to the driver when vehicle speed exceeds the detected limit.

How to Use

- Enable or disable TSR in  → **ADAS** → **Safety Assist**.
- When the TSR system identifies the current traffic sign,  is displayed on the instrument cluster.
- When TSR cannot identify whether the recognized speed limit value applies to the lane,  is displayed.

- When the TSR system experiences reduced performance,  is displayed.
- When the TSR system has a reduced performance and cannot identify whether the recognized speed limit value applies to the lane,  is displayed.
- If the TSR system malfunctions,  is displayed.
- If you disable TSR manually by pressing buttons,  is displayed.
- The specific numbers displayed in the indicators depend on the actual traffic signs.

Precautions

- The traffic sign recognition system can identify speed limit signs only, and will not control speed. The control over the vehicle always vests in the driver. Please drive properly.
- Weight limit signs not in standard size as per national regulations may mistakenly be identified as speed limit signs.
- If a speed limit sign is unclear, distorted, inclined, reflective, or partly blocked or overlaid, the multi-purpose camera may fail to or incorrectly identify the sign.
- TSR performance depends on weather conditions, lighting, and sign visibility. The system may fail to or incorrectly identify the sign at night or sunset, in rainy, foggy, hazy, snowy or dusty environment, when light is coming from the back of the vehicle, or when there is a sudden change in lighting.
- In case 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 on the European market, recognition of traffic jams, construction zones, and accidents ahead must rely on Internet connection and is on the premise that recognition of these signs are supported.



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)*

- Intelligent Speed Limit Control (ISLC) system integrates the functions of ACC and TSR. With ISLC system enabled, if the current ACC speed is inconsistent with the value on the recognized speed limit sign, the system prompts whether to adjust it to that limit value. The setting is automatically performed after it is confirmed (by toggling down the rocker switch .
- This function is accessible at the 30-150 km/h speed range.

How to Use

- To enable or disable this function in  → **ADAS** → **Safety Assist**.
- When the TSR system is disabled, the ISLC switch is grayed out and

unusable. ISLC is turned off at this time. The ISLC switch will be usable after the TSR system is enabled again.

- ISLC can be activated provided that ACC is active.

Precautions

- ISLC integrates ACC and TSR. Therefore, ACC and TSR function precautions must be followed during use (see the previous chapters for details).
- 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 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 ISLC to fail or lead to late alarms.
- Use ISLC based on your needs, traffic, and road conditions.

High Beam Assist (HMA)*

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

Status Description

- HMA activated:
 - With the function enabled, when the light switch is on "Auto", the light meets conditions, and vehicle speed exceeds 35 km/h, the function is activated and  is displayed on the instrument cluster.
- HMA failure:
 - HMA has failed, and  is displayed.

How to Use

- Enable or disable HMA in Vehicle Settings  → **Light** → **Exterior Light** . When the vehicle is started, the system defaults to previous settings.
- With the function enabled, when you set the light switch to the auto lights position, the light meets conditions and vehicle speed exceeds 35 km/h, the system automatically switches between low and high beams based on the current driving environment.

Precautions

- The 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.
- Beam switching is suppressed if the vehicle is in a high dynamic state, for example when ABS or ESC is activated.
- HMA system exits when you turn fog lights or turn signals on, set wipers to fast mode, are backing up, or set the light switch to a position other than auto lights, or when the environment has too much lighting.

- Even when HMA is working, the driver must respond to possible situations where the HMA is triggered in error or fails to work due to unavoidable environmental factors and conditions. Typical situations are:
 - The driver's stick operation to switch to the high beam is prioritized.
 - The weather, such as fog, rain or snow, is extremely terrible for driving.
 - There are traffic participants with poor lighting (such as pedestrians and bicycles), railways or waterways nearby, or wild animals on the roads.
 - There are strongly reflective objects around, such as traffic signs on highways and water reflection on the road surface.
 - The front windshield is dirty, covered in mist, or blocked by stickers or decorations.
- In case there is a collision or the sensor has been reassembled, it is recommended to go to a BYD authorized dealer or service provider for sensor calibration so as to avoid affecting system performance.

WARNING

- IHBC 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 IHBC to fail.
- Use IHBC 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, a sound, and an 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 5 seconds, it gives visual and audible alarms at the sixth second and continues until this activation ends. Warnings include: audible alarm and visual alarm. If the system is activated twice or more within a continued 180-second cycle, the system alarms immediately. For the third activation (and any further ones), alarms are extended by at least 12 seconds.

How to Use

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

- When 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.
- 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 front windshield, or blocked multi-purpose camera
- Glaring from direct sunlight, reflection in puddles, or oncoming vehicles
- Sudden changes in light, such as when the vehicle is entering or exiting a tunnel
- Lane lines obscured by tree shadows on roads in direct sunlight on sunny days
- Unidentifiable road boundary with grass, soil, or curb
- The function may be suppressed in narrow lanes to prevent the interference of its frequent activation.
- LDW may be suppressed if the lane is too wide or too narrow, the number of lanes increases or decreases, lane markings change suddenly on ramps or exits, or in situations of complex line arrangements.
- LDW may be suppressed on slopes or winding roads when the vehicle 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

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 lane lines are unclear, too thin, worn, blurred or covered by dirt/snow.

- 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 Emergent 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 adjacent lines. The system activates EPS system to provide reverse torque, keeping the vehicle in the current lane.

How to Use

- To enable or disable this function in  → **ADAS** → **Safety Assist**.
- In the event of ELKA malfunction,  is displayed.
- If you disable ELKA 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 front windshield, or blocked multi-purpose camera
 - Glaring from direct sunlight, reflection in puddles, or oncoming vehicles
 - Sudden changes in light, such as when the vehicle is entering or exiting a tunnel
 - Lane lines obscured by tree shadows on roads in direct sunlight on sunny days
 - Unidentifiable road boundary with grass, soil, or curb
 - The function may be suppressed in narrow lanes to prevent the interference of its frequent activation.

Precautions

- Situations where lane lines may not be identified include, but are not limited to:
 - Pedestrians, animals, and specialty or specially-shaped vehicles
 - Unclear or incomplete lane lines

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



WARNING

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

Driving Safety Systems

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

Intelligent Power Braking System

- The intelligent power braking system is an advanced decoupled electro-hydraulic brake system, incorporating vacuum booster, electronic vacuum pump, Antilock Braking System (ABS)/ Electronic Stability Controller (ESC) system and other features.
- The system assists vehicle braking according to the driver's demands and improves vehicle stability, comfort, and the recovery efficiency of brake energy.

Vehicle Dynamics Control(VDC)

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

Traction Control System(TCS)

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



WARNING

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

Hill Hold Control(HHC)

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

Hydraulic Brake Assist(HBA)

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

Controller Deceleration Parking(CDP)*

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

Hill Descent Control(HDC)

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

- To enable or disable HDC:
 - Enable or disable HDC in  → **Vehicle** → **Intelligent Assist** → **Hill Descent Control**.
 - When the speed is below 38 km/h, you can also enable HDC by pressing the HDC switch. When the function is enabled, its status indicator on the instrument cluster is steady on.
- Press the HDC switch again to disable the function, and the indicator on the instrument cluster turns off. HDC also automatically stops when the speed exceeds about 65 km/h.
- When HDC is working, ABS is activated when the wheel slip exceeds the ABS triggering threshold, allowing you to

safely and smoothly go downhill, or even reverse.

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

ESC operation instructions

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

- Brake assist mode
 - The brake assist mode is used to adjust the brake pedal feel. The relation curve between the brake pedal depth and the vehicle deceleration varies across different modes for the driver to choose their preferred pedal feel.
 - To set the steering assist mode, go to  → **Vehicle** → **Driving Control** → **Brake assist mode**, and select the Comfort or Sport mode.
- Comfort stop (CST)
 - Comfort parking function: When the vehicle decelerates to stop in a non-emergency situation, the intelligent

power braking system reduces the stop-instant suspension pitch and impact by controlling the brake pressure of the four brakes, providing a smooth stop feeling for the driver.

- Enable or disable this function in the infotainment touchscreen →  → **Vehicle → Driving Control → 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, the intelligent power braking system applies a small brake pressure to all four brakes so that pads come into contact with discs to remove the water film from the discs. This shortens brake response time and braking distance.
 - As long as the system detects rain or the wiper ON signal, the brake discs are repeatedly wiped at certain intervals to improve safety.
- ESC working
 - If there is a risk of skidding or backsliding when the vehicle starts on a slope, or if either drive wheel is spinning, the ESC indicator flashes to indicate that ESC system is working.
- Disabling ESC
 - If the vehicle gets stuck in snow or mud, ESC may reduce power output from the motor to the wheels, where the system should be turned off to get out of the jam.
- Turning off ESC
 - To turn off the ESC system, press the physical button or go to the infotainment touchscreen. ESC also checks its operating status in real time. If the ESC OFF switch is pressed while ESC is working, it completes the active intervention control this time rather than executes the "OFF" command immediately. ESC is disabled only after the intervention control is complete.
- Some ESC functions may be re-enabled if you press the ESC OFF switch again or the vehicle speed exceeds the threshold of 80 km/h. ESC may be re-enabled only if the ESC is not in a vehicle dynamic intervention state.
- ESC OFF switch mis-operation*
 - ESC is considered to be mis-operated if the ESC OFF switch is pressed and held for more than 10 seconds. In that case, all internal ESC functions continue to work.
- Restarting ESC after the motor is powered off
 - When the ESC system has been turned off, restarting the motor will automatically restart ESC system.
- ESC start and speed linkage
 - Although already turned off, the ESC system can start on its own if the vehicle becomes extremely unstable as the speed increases and exceeds the threshold of 80 km/h.
- When ESC system is activated
 - If the ESC fault indicator  flashes, drive with caution.
- When ESC system is 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 (ABS)

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



- When the front tires skid, there is no steering control, which means that the vehicle still moves forward even though the steering wheel is turned. ABS helps prevent locking and maintain steering control since

pulsating prompt brake is much faster than human reaction.

- Never pulsate the brake pedal; otherwise, ABS may malfunction. While steering away from danger, a firm and steady pressure should always be maintained on the brake pedal for the ABS to work. This is what is sometimes referred to as "a firm step and a precise turn".
- When the ABS is working, the brake pedal will vibrate, which may produce noise. This is normal because the ABS is pulsating the brake quickly. How quickly ABS works depends on tire driving force (adhesion).

Important safety tips

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

WARNING

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

CAUTION

- If the ABS warning light is still on while the brake system warning light turns on, stop the vehicle in a safe place immediately and contact a BYD authorized dealer or service provider.
- ABS cannot prevent skidding caused by sudden 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.

Driver Monitoring System (DMS)*

Driver Monitoring System (DMS), including fatigue and distraction monitoring, is designed to monitor the driver's driving status with a camera and assess it. Based on the assessment, the system alerts the driver in a timely

manner. The monitoring data will not be saved or uploaded to the server but instead will be deleted immediately after the assessment is complete.

How to Use

- The camera for DMS is mounted on the A-pillar of the driver's side. Make sure the camera is unobstructed before use, or DMS may not function normally.
- To enable or disable driver fatigue or distraction warning (both enabled by factory default), go to infotainment touchscreen →  → **Vehicle** → **Cabin Perception**. By default, the system is switched on each time when the vehicle is powered on.

Driver Fatigue Warning

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

Driver Distraction Warning

- With the vehicle speed meeting the system activation condition, driver distraction warning enabled and the camera unobstructed, when the system detects signs of distraction. For example, When the driver's gaze is averted from the forward road and specific system conditions are met. It alerts the driver promptly through a visual warning on the instrument cluster, or through intelligent voice or an audible alarm.

REMINDER

- Clean the DMS camera lens with a clean and soft cloth and exercise caution to prevent any damage to the surface.

Precautions

- The driver monitoring system is only an auxiliary system and is not capable of effective recognition and alarm-raising in all situations. The driver must maintain situational awareness, drive safely, and adhere to traffic laws
- The proper functioning and accuracy of the driver monitoring assistance can be affected by a number of situations, including but not limited to:
 - Driver monitoring systems are disabled.
 - The camera is directly exposed to strong light.
 - Part of the driver's face is exposed to light or the complete facial features are hard to recognize.
 - The driver wears infrared-blocking glasses or glasses with thick lenses.
 - The driver wears a mask or something that covers the face.
 - The driver is not properly seated or the driver's face is in the blind spot of the camera.

WARNING

- Please pull over to a safe location and rest immediately when you feel tired or driver fatigue warning.

Child Presence Detection (CPD)*

CPD acts as an auxiliary alert system to notify of possible child occupancy. After the vehicle is powered off, CPD is performed if any door is opened and then closed or locked. When an occupant is detected, the vehicle will trigger visual and audible warnings, and activate climate control to adjust temperature. Alerts can be disabled via door opening.

Activation Conditions

CPD is activated when all the following conditions are met:

- The vehicle is powered off.
- The driver's door is opened and then closed.
- All doors are closed.
- CPD is enabled on the infotainment touchscreen.
- CPD system has no fault.

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 alarm mode each time when the vehicle is powered on (Australia/New Zealand).
- Upon each power-up, the vehicle retains the driver's last configuration (available in Southeast Asia).
- OFF: CPD function is disabled.
- Delay: the alarm starts in about 5 minutes.

System Response

Initial alarm

- When CPD enabled with standard alarm 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 alarm mode, if life presence is detected after the vehicle is powered off but unlocked, the initial alarm (light flashing and honking) starts within 5 minutes and will last for about 6 seconds.
- When CPD enabled with delay alarm 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.

Escalated alarm

- If not canceled, the alarm (light flashing and honking) escalates after 80 seconds and will last for about 25 minutes.
- The A/C will be switched on three minutes after alarm escalation, and will keep running for about 30 minutes.

Alarm canceling

- When alarm is triggered, tap the button on the infotainment touchscreen to cancel the alarm. The setting will remain effective until the vehicle is powered down and on again.
- When alarm is triggered, unlock or open any door to cancel the alarm.

Message delivery

- The user will receive messages in the BYD App and email of every initial alarm, escalated alarm and other system responses.



WARNING

- The system notifies users with light flashing, honking, App message prompts, email message, and A/C operation to reduce the harm to the presence in the vehicle. However, CPD is only an auxiliary system and cannot ensure 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.
- When a reminder is provided, check whether any life presence has been locked inside the vehicle promptly to avoid further safety incident.



CAUTION

- CPD is only an auxiliary reminder system, and cannot ensure every alarm-raising when life presence is left in the vehicle. The user must remain alert (especially for child) at all times and fully responsible for the lives in the vehicle.
- The alarm may be given for adults, pets, or other lives detected.
- The alarm may be given for moving objects detected.
- The alarm cannot be canceled by unlocking the vehicle remotely from the app.
- The system may not be able to trigger an escalated alarm or switch on the A/C if the SOC is low. Keeping the vehicle at high SOC is recommended.

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, but always remain aware of the surroundings behind and around the vehicle during reversing.
- When you reverse the vehicle, a reversing image will be displayed on the infotainment touchscreen automatically.
- For your driving safety, when the reversing image is displayed, all buttons will be disabled except some volume and calls-related buttons.
- After reversing ends, the interface will be restored.

WARNING

- The parking assist system ceases to operate when the vehicle speed is 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.
- When no camera is available, a "No video signal detected" message is displayed.

Reversing Radar Power Switch

- You can enable or disable the reversing radar with the switch* or on the infotainment touchscreen →  → ADAS → Parking Assist → Reversing Radar.

- When the ignition is switched on, the parking assist system is enabled automatically.



- When the parking assist system is enabled, the vehicle is not in "P", and the Electronic Parking Brake (EPB) and Auto Vehicle Hold (AVH) are released, the obstacle detection mode of the parking assist system is enabled. When enabled, the system raises an alarm if obstacles are found surrounding the vehicle; when disabled, it does not.

Sensor Type

- When 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.

Configuration 1:

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



Configuration 2:

- ① Front right sensor
- ② Front center sensors
- ② Front left sensor
- ① Rear right sensor
- ④ Rear middle sensors
- ③ Rear left sensor



Distance Display and Speaker

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

Working examples of center sensors

Approximate Distance	Touchscreen Display Example	Alarm Sound
700-1200mm		Slow
400-700mm		Fast
200-400mm		Continuous

Working example of corner sensors

Approximate Distance	Touchscreen Display Example	Alarm Sound
400-600mm		Fast

Approximate Distance	Touchscreen Display Example	Alarm Sound
200-400 mm		Continuous

CAUTION

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



Working Sensors and Detection Range

All sensors are activated upon reversing.

Configuration 1:

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



Configuration 2:

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

REMINDER

- The parking assist system is only used for assistance rather than substitution of your 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



REMINDER

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 suspension that is lower than the original one.
- 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.

Tire Pressure Monitoring

System Descriptions

- The Tire Pressure Monitor System (TPMS) consists of a tire pressure monitoring module, a tire pressure monitoring control module, and a display. It monitors tire pressure in real time and issues visual and sound alarms, improving safety and comfort and reducing tire wear and power consumption due to insufficient tire pressure.

- You can access the instrument cluster menu by pressing the  button on the steering wheel, navigate to the driving information bar by pressing the  and  buttons, and then select the tire pressure display screen using the scroll button.
- For standard pressure values, see the vehicle data in section Specifications.

Basic Functions

- Power-on alarm
 - If tire pressure is low when the vehicle is powered off, a low pressure alarm prompts the driver to inflate when the vehicle is powered back on.
- Low tire pressure alarm
 - When the system is running, once any of the four tires has a pressure below 80% of the standard tire

pressure, the TPMS gives a low tire pressure alarm within one minute and indicates the tire position.

- In that case, inflate the tire to the standard pressure. The alarm stops when the tire pressure is above 95% of the standard tire pressure.
- Fault alarm
 - When the system is running, an alarm is given if it is running.
- Real-time tire pressure display
 - When the TPMS is running, the pressure value of each tire is displayed.
- Vehicle speed range in which the TPMS operates normally: 30–160 km/h.

Alarm Display Descriptions

Tire pressure fault warning light: 

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

Alarm	Display Mode	Solution
	3. The tire pressure value displayed is: Abnormal signal	

Precautions

- The running time of the tire pressure monitoring module is related to the daily travel distance and other factors.
- The monitoring module regularly transmits tire pressure and other information to the display. Therefore, if the tire pressure drops suddenly or there is a flat tire, the monitoring module will not transmit data to the display until the next monitoring. In this case, the vehicle may be out of control. If there is a flat tire and monitoring fails to inform, or if you feel that there are some tire problems, stop driving immediately instead of waiting for the display to signal an alarm.
- Incorrectly installed monitoring module affects the air tightness of the tire. It is recommended that the installation and replacement of the pressure monitoring module be carried out by professional technicians of a BYD authorized dealer or service provider in accordance with the requirements of the installation manual.
- To change tire position or replace tire pressure monitoring module, first rematch the entire tire monitoring system. It is recommended to have this done by the professional technicians from a BYD authorized dealer or service provider; otherwise, system failure may occur.
- Since tire pressure varies with regional temperatures, inflate or deflate the tires according to the values displayed on the instrument cluster and the standard tire pressure values.
- TPMS applies wireless transmission, which may lead to poor reception under serious interference.

WARNING

- 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 can occur.
- If pressure is found to be abnormal while driving, check the tire pressure immediately. If the low pressure warning light comes on, avoid sharp turns or emergency braking, and reduce vehicle speed, pull it over to the curb and stop as soon as possible. Driving with low tire pressure can cause permanent damage to tires and increase the likelihood of tire scrapping. Serious tire damage can lead to traffic accidents, resulting in serious injuries or deaths.

Acoustic Vehicle Alert System (AVAS)

The Acoustic Vehicle Alerting System (AVAS) refers to the broadcast to pedestrians near the vehicle when it is traveling at low speed.

- When driving forward:

- The broadcast volume increases with vehicle speed in the range of 0 km/h < V ≤ 20 km/h.
- The broadcast volume decreases with vehicle speed in the range of 20 km/h < V ≤ 30 km/h.
- At speeds above 30 km/h, the broadcast sound stops automatically.
- The vehicle makes a continuous and balanced sound when reversing.
- To turn on or off the engine sound simulator, slide down from the top of the infotainment touchscreen to access the shortcut screen*.

WARNING

- If the AVAS prompt sound cannot be heard when driving at a low speed, stop the vehicle in a relatively safe and quiet place, open a window, then drive at a constant speed of 20 km/h in D gear and check whether an audio prompt can be heard from the front of the vehicle. If it is confirmed that there is no sound, it is recommended to contact a BYD authorized dealer or service provider.

Panoramic View System

To enable the panoramic view, tap Vehicle View on the infotainment system homepage, press the button on the steering wheel or shift into Reverse.



- Landscape mode:
 - On the bottom of the infotainment touchscreen, tap the icon for front, rear, right, or left view. View of the selected area is displayed in the image section.



- In the single front and rear views, double-tap the image section to switch to a 180° perspective displayed in full screen.
- Tap the radar icon  in the panoramic view to enable the radar display, and tap it again to disable it. When the radar display is enabled, a warning is displayed as the vehicle is approaching an obstacle.
- Slowly tap the body image on the right to switch between transparent and non-transparent vehicle images.



- After the vehicle starts, the image before last power-off is displayed on the transparent panoramic view screen. Foreign bodies shown may be inconsistent with the actual ones in the underbody and surrounding blind areas. The underbody image update will begin only after the vehicle has started to run and will be complete

when the vehicle has been driven beyond its length.

WARNING

- This system uses wide-angle fisheye cameras, so the object on the display screen may appear somewhat deformed in comparison with the actual object.
- The panoramic view system is only to be used for parking/driving assistance. It is not safe to rely solely on this system to park or drive the vehicle, because there are some blind spots in front of and behind the vehicle. The surroundings of the vehicle should be observed in other ways during the parking/driving process, so as to avoid accidents.
- When the side mirrors are not extended in place, do not use the panoramic view system; and when the panoramic view system is used for parking/driving, ensure that all the car doors are closed.
- The distance to an object displayed on the panoramic view screen may be different from the distance perceived subjectively, especially when the object is closer to the vehicle. Assess the distance in various ways.
- Cameras are installed above the front bumper, the lower parts of the side mirrors, and the rear license plate. Make sure the cameras are unobstructed.
- To prevent affecting camera performance, avoid spraying directly on the cameras when washing the vehicle body with high-pressure water. Wipe any water or dust off the camera in time.

WARNING

- Protect the cameras from any impact to prevent damage or malfunction.
- After the vehicle is powered on, if you press the around view button or shift into Reverse while the infotainment system is not fully activated, the output on the around view screen will be delayed or the screen will flash. This is a normal part of the camera power-on process.
- When the vehicle runs at a low speed, the transparent panoramic view function is affected by speed fluctuation or multiple stops, so there will be misalignment between the images below the vehicle and that outside the vehicle.

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.



WARNING

- 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.

05

IN-VEHICLE DEVICES

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Infotainment System

Infotainment Touchscreen

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 BYD Assistant, APP and Internet calls, the system must be used after network connection.

- ① Infotainment touchscreen
- ② Scroll button



Reset to factory settings

- The infotainment system can be reset to the factory settings by tapping → **System** → **Version** → **Factory Reset** → **Reset**.
- This function factory resets the infotainment system.
 - During the process, do not touch any infotainment button or turn off the power supply, or errors may occur.
 - The process takes two to five minutes, 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.



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.
- Infotainment Touchscreen
 - When the screen temperature is low, the image displayed may be darker or the system may work slightly slower than normal.
 - The screen may be dark or difficult to see when you are wearing sunglasses. In that case, change the viewing angle or take off the sunglasses.
 - The touchscreen interface shown here is for reference only.

Navigation Bar

↶ : returns to the previous page or exits the program.

🏠 : returns to the homepage.

⚙️ : goes to vehicle setting screen.

📶 : goes to the A/C screen.

 : goes to vehicle setting screen.

 : goes to the app list screen.

- The navigation bar on your actual vehicle may differ.

Gestures and Responses

Gestures and associated system responses are:

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

OTA Updates*

- The vehicle supports over-the-air (OTA) updates. You can update your software to the latest by tapping  → **System** → **Version** → **Version update** → **Upgrade**.
- When available, new updates are prompted on the infotainment touchscreen. You can update immediately, schedule an update or use mobile phone update according to your use of the vehicle.



CAUTION

- Do not move the vehicle during the update.
- Before the update, ensure that the vehicle is in Park, at a safe place with a stable network connection.
- Make sure your vehicle is fully charged before the upgrade.
- Do not install any third-party devices in the OBD port before or during the upgrade.
- Make sure the vehicle has enough battery power before the update, as it cannot be charged or discharged during the process.
- 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.

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 pairing code displayed on your phone is consistent with the code on the touchscreen.
4. Set Bluetooth when connection is complete.

Bluetooth call

Go to the dialing screen when Bluetooth is connected.

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

File Management

New folder

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

Search

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

Cut / 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, select a file, and then tap **Details** to check its attributes.

A/C System

Front A/C Panel

Front windshield defroster



A/C Operation Interface

Front A/C Operation Interface



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

Function Definition

Auto mode

- Tap the auto button, its indicator lights up on the front A/C panel, the auto mode is activated with the fan speed and air distribution being adjusted automatically.
- The vehicle exits auto control if fan speed or air distribution is set, and

other functions remain in auto mode except for those that have been operated.

A/C ON/OFF

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

Max cooling

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

Cooling

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

Circulation mode

- Tap this button to switch to recirculation mode. Tap it again to switch to fresh air mode.
- When the "auto air recirculation" function is enabled, to ensure air quality in the vehicle and prevent the vehicle exhaust from entering the vehicle, the recirculation mode is switched on automatically after you shift into "P".

Ventilator

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

Temperature controls

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

Front windshield defroster*

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

Defroster for rear windshield & side mirrors*

- Tap this button, and the heating panel in side mirrors will quickly clear the side mirrors. The function is automatically deactivated after 15-minute inactivity of the associated button.
- Tap this button a second time to disable the function.
- This function is not for drying raindrops or melting snow.



WARNING

- Do not touch the side mirrors when the rear defroster is activated, because their surfaces will be hot.



REMINDER

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

Fan speed control

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

Air distribution

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

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.



Usage Precautions

- To quickly cool down the interior after long exposure to sunlight, drive for a few minutes with the windows open to exhaust hot air and speed up A/C cooling.
- To speed up cooling, adjust the temperature to "Lo" and use the recirculation mode for a few minutes.
- If rapid cooling/warming is required, the maximum cooling/warming mode can be turned on, and the air conditioner will automatically enter the best cooling/heating operation state to ensure that the interior environment can quickly achieve comfort.

- If the air conditioning effect is not in line with expectations, it is recommended to turn on the automatic mode of the air conditioner. In this mode, the air conditioner will automatically adjust to the appropriate air outlet temperature, mode and windshield to meet the comfort needs of passengers.
- Make sure that the air intake grille in front of the windshield is not blocked (for example, by leaves or snow).
- Avoid blowing cool air onto the windshield in humid weather, for the inner and outer temperature difference can cause glass fogging.
- Keep the space under the front seats clear to improve air circulation.
- In cold weather, run the fan at high speed for one minute to remove snow or moisture from the intake passage and reduce fogging.
- Use recirculation mode for a few minutes for quick heating in cold weather, and switch to fresh air mode to prevent fogging after cabin is heated up.
- In dusty or windy driving conditions, close all windows, switch on the recirculation mode, and turn on the A/C.
- In heating mode, press the compressor control button to light up the button (turning on the compressor), which can reduce airflow moisture.
- In the ventilation mode, the system introduces the natural wind from outside, which is suitable for spring and autumn.



REMINDER

- A/C odor:

REMINDER

- It is normal that there may be a damp and moldy smell just after the A/C is turned on. During the operation of the automobile A/C, A/C condensation often remains in the evaporator, and the wet evaporator can easily absorb unfiltered body sweat, smokes, etc., inside the vehicle, resulting in mold on the surface of the wet evaporator surface and odor after long-term fermentation.
- How to prevent A/C odors:
 - Turn off the A/C and ventilate with natural air before parking to keep the air inside the vehicle relatively dry.
 - Inspect, clean, or replace the A/C filter regularly.
 - Keep the cabin clean.
- If the odor does not reduce after the above operations, it is recommended to contact a BYD authorized dealer or service provider.
- In order to reduce odors from the A/C, if the A/C is already turned on, it is normal that the A/C blower may keep running for a while after the vehicle is powered off and locked. No need to worry about it. That is because the condensed water on the surface of the evaporator needs to be dried to prevent mold fermentation.

Vents

Front Exhaust Vents

- Turn the roller to increase/reduce air flow or to open/close the vent.
- Toggle left/right to adjust airflow direction.



Rear Side Vents

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



Switching on A/C with Cloud Service App*

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

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

BYD App

BYD App

- BYD app is a mobile application of Internet of Vehicle (IoV) independently developed by BYD. 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

Once the app is installed, follow the on-screen instructions or the steps below to sign up and log in.

1. Open the app, and then tap **Sign up** to go to the registration screen.
2. Enter the email address registered with the BYD authorized dealer, tap **Send email** to receive a verification code, and then enter the code in the 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.



CAUTION

- 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 access other settings, such as temperature regulation.
4. At the bottom of the homepage, tap the icon of seats, doors and windows, or tires to go to the associated screen and check their status.
5. If you have multiple vehicles on an account, tap the vehicle name in the upper left corner of the screen to switch between vehicles.



CAUTION

- The control function of the app is mainly for remote use. To use this function, ensure your phone



CAUTION

and vehicle are connected to the Internet.

Individual Center and Vehicle Management

In BYD App screen, tap My Account to go to the individual center.

- Tap the icon on the top right corner of the vehicle card to edit the vehicle name and license plate number.
- Account and Security: recovers or changes your password.
- Settings: sets message reception, automatic login, and other items.
- About Us: includes privacy policy and information to contact us and give feedback.

Storage

Door Bins

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



Center console storage box

- Center console is equipped with a storage box.



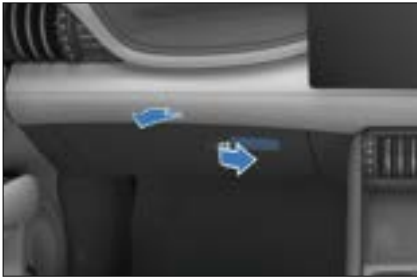
Glasses Case

- The vehicle is equipped with a magnetic glasses case located above the main driver's seat.



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.

Center Console Cubby

- Pull up the center console cubby to open it.
- Press down on the cover of center console cubby to close it.

! REMINDER

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

Cup Holder

Front Seat Cup Holder

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



! CAUTION

- Some cups or bottles may not fit in the holder due to their size or shape.

! WARNING

- Be cautious with hot drinks to avoid burns. Do not start or brake the vehicle suddenly to prevent spills.
- Do not place an open cup or loose beverage bottle in the cup holder, so as to avoid liquid spillage while you are driving, opening or closing a door.
- Do not place glass, ceramic cups, or other hard items in the holder, which may cause injury in the event of an accident or emergency braking.
- For safety driving, the driver should not place or remove cups from the holder while driving.

Rear Seat Cup Holder

- Flip the rear seat armrest and the rear seat cup holders can be seen.



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 loose beverage bottle in the cup holder, so as to avoid liquid spillage while you are driving, opening or closing a door.
- To ensure safe driving, the driver is strictly prohibited from taking the cup out or placing it in the cup holder while driving.

Seatback Pockets

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



Illustration of refrigerator*

Refrigerator*

- The refrigerator is located behind the instrument panel. To open it, press the button on the front of the refrigerator door, lift the handle, and then lift the refrigerator cover to use it.



Refrigerator Operation Interface*

Users can control the refrigerator through the refrigerator control panel, infotainment touchscreen, BYD App, and smart voice.

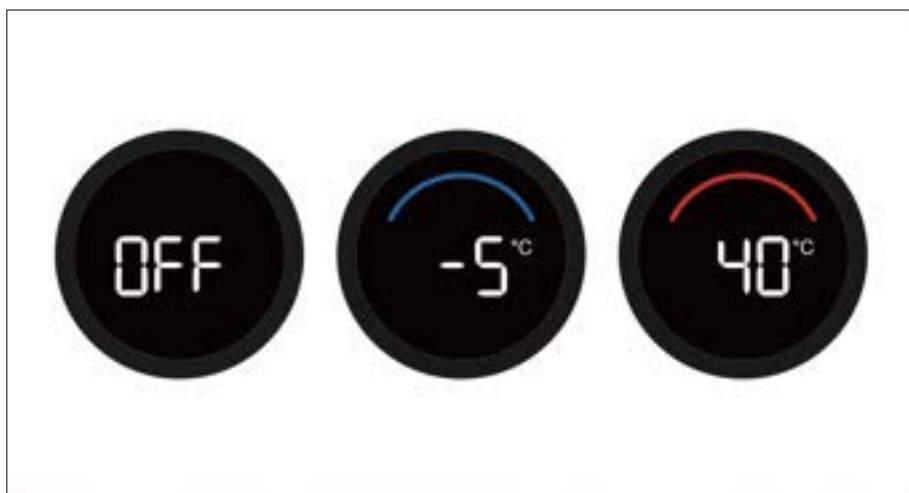
Refrigerator control buttons



① Refrigerator status display and control buttons

② Refrigerator temperature controls

- The refrigerator control panel allows switching between three operating modes by pressing: off, cooling, and heating.
 - A short press of the knob can switch between cooling and heating modes.
 - while a long press will turn off the refrigerator.
- When in cooling or heating mode, the refrigerator temperature can be adjusted using the knob. Turning the knob clockwise increases the temperature, while turning it counterclockwise decreases it. The temperature unit can be switched between Celsius (°C) and Fahrenheit (°F) as needed.



Refrigerator Operation Interface

- To access the refrigerator interface, go to the infotainment touchscreen →  → **Application** → **Refrigerator** to set the refrigerator operating mode and its temperature.

Refrigerator Operation Interface

- Users can click the Refrigerator Settings button on the multimedia refrigerator interface to adjust the operating mode, enable/disable power failure memory, activate/deactivate the child lock, and configure the delayed power-off function.

Refrigerator Instructions*

Refrigerator working mode setting

- The refrigerator has three operating modes: Off, Cooling, and Heating.
- When the refrigerator is turned off, the temperature cannot be adjusted.
- In Cooling mode, the temperature can be adjusted between -6°C and 6°C.

- In Heating mode, the temperature can be adjusted between 35°C and 50°C, and the refrigerator will maintain the temperature once the set temperature is reached.

Refrigerator operating mode

- The refrigerator has two operating modes: Intelligent and Economy.
- In Intelligent Mode, the refrigerator will operate in conjunction with other systems such as the air conditioning and windows when it is running. In Economy Mode, the refrigerator prioritizes energy efficiency during operation.



REMINDER

- To maximize passenger comfort, when the ambient temperature is below 5°C and there is a heating demand for the air conditioning, the refrigerator's cooling function may not reach the set temperature, and the air conditioning system will



REMINDER

take priority to ensure optimal passenger comfort.

Power-off memory function

- The refrigerator's power-off memory function can be enabled or disabled through the refrigerator's settings interface or voice commands.
- Press this button, it will be highlighted, and the function is enabled. If the vehicle is restarted after powering off, the refrigerator is in the same state as that before powering off.
- Press this button, it will be grayed out, and the function is disabled. If the vehicle is restarted after powering off, the refrigerator remains off.

Delayed power-off function

- Users can set the delayed power-off duration via the refrigerator's settings interface or voice commands, with 12 options ranging from 1 hour to 12 hours. If the vehicle is powered off while the refrigerator is running, it will continue operating until the set duration is reached.
- When the battery level drops below 20%, the refrigerator will stop operating.
- Additionally, if the delayed power-off function is disabled, the refrigerator will not continue operating after the vehicle is powered off.

Refrigerator door open reminder

- When the refrigerator is in operation and the door remains open for more than one minute, the refrigerator interface will display that "Refrigerator door is open, please close it promptly."

Heating function safety reminder

- When switching from the off state or cooling state to the heating state, the refrigerator interface will display that "Heating function is enabled; please do not place items like cola that may explode inside the refrigerator."

Dehumidification and window closure reminder

- When the refrigerator cooling is turned on, in humid weather, the infotainment system will display a prompt: "The interior humidity is high; would you like to turn on the air conditioning and close the windows to dehumidify and defog?"

Voice control

- Users can use voice commands to open/close the refrigerator, adjust working modes, and set temperatures.
- Users can also use voice commands to set delayed power-off and manage power-off memory functions.

Remote start function

- Users can remotely control the refrigerator's working mode and temperature settings via the BYD App.



WARNING

- Before heating, make sure that there are no flammable and explosive items, items that expand easily when heated or substances that deteriorate or volatilize easily when heated in the refrigerator like lighters, carbonated drinks, alcohol and wet wipes.
- Before enabling cooling below 0°C, confirm there are no cold-sensitive, expandable items like carbonated drinks inside the refrigerator.

WARNING

- If water or stains are present on the refrigerator's interior, clean them promptly to prevent bacteria growth and unpleasant odors.
- Do not place unsealed containers of beverages in the refrigerator to avoid spillage when the vehicle is running.
- With the vehicle running, make sure the refrigerator door is closed to prevent articles from flying out of the refrigerator.
- Avoid leaving the refrigerator door open for extended periods, especially during emergency braking or sharp turns, to prevent items from flying out and causing injury.
- Do not place fragile, perishable or smelly items in the refrigerator. If do, take away them in time.
- Do not place hot or corrosive items inside the refrigerator to prevent damage.
- Do not put sharp objects in the refrigerator, and do not scrape the inner wall with sharp objects.
- Do not wash the refrigerator or soak it in water for cleaning.
- Turn off all power sources before cleaning. Use a slightly damp soft cloth to clean the refrigerator. Avoid using harsh chemicals like bleach or acidic cleaners, as they may corrode the refrigerator. Do not use steel wool or metal brushes, as they may scratch the surface.

REMINDER

- The refrigerator's actual cooling performance is influenced by the vehicle's environment. Keeping the car door or windows open for an extended period may prevent the refrigerator from reaching the set temperature. To achieve optimal cooling, it is recommended to close the windows and turn on the air conditioning.
- After turning on the refrigerator, in humid weather, moisture may condense near the refrigerator, which is a normal phenomenon. It is advisable to wipe it promptly, close the windows, and turn on the air conditioning to prevent the growth of bacteria and unpleasant odors.
- When turning the refrigerator on or off, there may be a slight start-up noise, which is a normal occurrence.
- The refrigerator continuously consumes battery power while running. It is recommended to turn off the refrigerator when it is not needed.
- When the refrigerator is in cooling mode and the delayed power-off function is enabled, the compressor and electric fan will continue to operate until the set time to ensure continued operation, which is a normal phenomenon.
- When the refrigerator is in cooling mode and the delayed power-off function is enabled, after the vehicle is turned off, the air conditioning may automatically turn on to prevent moisture

! REMINDER

condensation near the refrigerator when the interior humidity is high.

- The best storage temperature for frozen foods like ice cream is below -18°C. When the refrigerator is set to -6°C, it can be used for short-term storage but may not freeze already softened ice cream. It is recommended to activate the delayed power-off function or remove the items before leaving the vehicle.
- The refrigerator's control panel contains electronic components, and slight heating during operation is a normal phenomenon.

Other Devices

Sun Visor

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

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

Grab Handles

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



! CAUTION

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

USB Ports

Front-Row USB Ports

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

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

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



Rear-Row USB Ports

- The rear USB ports are located behind the center console cubby.
 - ① Type-A charge port
 - ② Type-C charge Ports
- The power outlet can be used only when the ignition is on.



12V Auxiliary Power

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



Wireless Phone Charger Location*

- The mobile phone wireless charging area is located on the front center console. To activate/deactivate wireless charging, tap the wireless charging icon on the shortcut page after sliding down the top status bar on the infotainment touchscreen.
- After starting the vehicle, put the phone at the wireless charger area with the phone screen facing up. The phone automatically begins wireless charging, and a charging icon is displayed on the infotainment screen.



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



CAUTION

- To use the vehicle wireless charger, your phone must have wireless charging function.
- 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 (metallic phone case) in the wireless charger area together with the phone.
- To avoid damage to the charger area, do not place heavy objects on it.
- If the phone wireless charger system is faulty and does not work properly, it is recommended to contact a BYD authorized dealer or service provider.
- BYD will not assume any responsibility for any problems caused by improper use. If the product is disassembled or modified, the free warranty will be terminated.
- For safety reasons, do not leave an unattended phone being charged in the vehicle.
- For safety reasons, refrain from checking phone charging status for a long time while driving.
- If a metal item is found between the device and the charger during charging, remove the phone immediately, and do not remove the metal item until it has cooled to prevent burning.



CAUTION

- When charging your phone, make sure to cover the air vent on the back of the phone with the wireless charging area for a better charging experience.
- Prevent any fluid from coming into contact with the charger area, or the wireless charger will malfunction.
- Please do not use oil, grease, alcohol, or other flammable solvents to clean the wireless charging area.
- During charging, do not cover the wireless charging area with towels, clothing, or other items.
- Charging may stop at high temperatures, and will resume once the temperature drops.
- We makes no commitments for problems caused by external wireless charging coils (magnetic charging coil). Please use with caution.
- To avoid burning cards with chips, such as NFC cards and bank cards, do not place them between the phone and the charging dock.
- When a phone with NFC enabled is placed on a wireless charging area integrated with NFC functionality before charging begins, the phone may display its wallet card interface.
- When the vehicle is in the "OK" position, if digital key activation is performed, stop the wireless charging of the phone, and after the activation is completed, resume the wireless charging of the phone.

REMINDER

- Only one phone can be charged at a time.
- A phone case that is too thick may prevent charging.
- On bumpy roads, the wireless phone charger may intermittently stop and then resume.
- Try to ensure that the surface on which a mobile phone is placed is parallel to the charging module. If the phone moves from the wireless charger area and stops charging, move it back.
- If the phone cannot be charged properly, ensure that there are no foreign objects in the wireless charger area, or wait for the wireless charger area to cool down before trying again. If it is still impossible to charge the phone, contact a BYD authorized dealer or service provider.
- If the charging dock remains occupied after the ignition is switched off, and a warning text is displayed on the instrument cluster.
- The setting icon for wireless phone charging can be added or removed on the shortcut page of the infotainment touchscreen.
- For the purpose of compatibility, the in-vehicle wireless fast charging* module may be slower than the original charger provided by your phone's manufacturer.
- The wireless fast charging* power of your phone depends on that supported by the phone, while the in-vehicle fast charging* only supports up to 50 W.

REMINDER

- Some phones may carry outdated charging programs that are not capable of fast charging*.

Cargo Cover*

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



WARNING

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

Hook

- The hook is located on both sides of the center console. Press to access the second-row cup holder.



WARNING

- The hooks are designed to support a maximum load of 3kg. Do not hang any heavy objects on the hook to avoid damage to the hook and occupants.

06

MAINTENANCE

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Maintenance Precautions

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.
- Hoses with any degradation or damage should be replaced immediately. Rubber hoses (for systems such as A/C, heating, and braking systems) must be checked by professional technicians according to the maintenance schedule.

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

Maintain your vehicle based on the following time and mileage (total mileage) intervals, whichever comes first.

Item	Time and mileage interval for maintenance
Chassis screws	Check at three months or 5,000 km for the first time, at 12 months or 20,000 km for the second time, and every 12 months or 20,000 km afterwards.
Brake friction block and brake discs	Check at three months or 5,000 km for the first time, at 12 months or 20,000 km for the second time, and every 12 months or 20,000 km afterwards.
Brake pedal and EPB switch	Check at three months or 5,000 km for the first time, at 24 months or 40,000 km for the second time, and every 24 months or 40,000 km afterwards. In severe driving conditions, check at 12 months or 20,000 km for the first time, at 12 months or 20,000 km for the second time, and every 12 months or 20,000 km afterwards.

Item	Time and mileage interval for maintenance
Brake piping and hoses	Check at three months or 5,000 km for the first time, at 24 months or 40,000 km for the second time, and every 24 months or 40,000 km afterwards. In severe driving conditions, check at 12 months or 20,000 km for the first time, at 12 months or 20,000 km for the second time, and every 12 months or 20,000 km afterwards.
Guide pin of brake caliper assembly	Check at 12 months or 20,000 km for the first time, and every 24 months or 40,000 km afterwards.
Steering wheel and tie rod	Check at three months or 5,000 km for the first time, at 24 months or 40,000 km for the second time, and every 24 months or 40,000 km afterwards. In severe driving conditions, check at 12 months or 20,000 km for the first time, at 12 months or 20,000 km for the second time, and every 12 months or 20,000 km afterwards.
Drive shaft boot	Check at three months or 5,000 km for the first time, at 24 months or 40,000 km for the second time, and every 24 months or 40,000 km afterwards. In severe driving conditions, check at 12 months or 20,000 km for the first time, at 12 months or 20,000 km for the second time, and every 12 months or 20,000 km afterwards.
Ball pin and boot	Check at three months or 5,000 km for the first time, at 24 months or 40,000 km for the second time, and every 24 months or 40,000 km afterwards. In severe driving conditions, check at 12 months or 20,000 km for the first time, at 12 months or 20,000 km for the second time, and every 12 months or 20,000 km afterwards.
Front and rear suspensions	Check at three months or 5,000 km for the first time, at 24 months or 40,000 km for the second time, and every 24 months or 40,000 km afterwards. In severe driving conditions, check at 12 months or 20,000 km for the first time, at 12 months or 20,000 km for the second time, and every 12 months or 20,000 km afterwards.
Front and rear wheel alignment	Check at three months or 5,000 km for the first time, at 24 months or 40,000 km for the second time, and every 24 months or 40,000 km afterwards. In severe driving conditions, check at 12 months or 20,000 km for the first time, at 12 months or 20,000 km for the second time, and every 12 months or 20,000 km afterwards.
Tire condition and inflation pressure, including TPMS	Check at three months or 5,000 km for the first time, at 12 months or 20,000 km for the second time, and every 12 months or 20,000 km afterwards.

Item	Time and mileage interval for maintenance
Tire wear (check tire pressure and condition at least once a month).	Check during maintenance and rotate when necessary; Under severe working conditions, check more frequently and rotate when necessary
Wheel bearing clearance	Check at three months or 5,000 km for the first time, at 24 months or 40,000 km for the second time, and every 24 months or 40,000 km afterwards. In severe driving conditions, check at 12 months or 20,000 km for the first time, at 12 months or 20,000 km for the second time, and every 12 months or 20,000 km afterwards.
Foreign materials on or ablation of the EPS GND point	Check at three months or 5,000 km for the first time, at 12 months or 20,000 km for the second time, and every 12 months or 20,000 km afterwards.
EPS connector looseness and connector pin ablation	Check at three months or 5,000 km for the first time, at 12 months or 20,000 km for the second time, and every 12 months or 20,000 km afterwards.
EPS ECU corrosion	Check at three months or 5,000 km for the first time, at 24 months or 40,000 km for the second time, and every 24 months or 40,000 km afterwards.
Foreign materials or corrosion on connections between the EPS ECU and motor*	Check at three months or 5,000 km for the first time, at 12 months or 20,000 km for the second time, and every 12 months or 20,000 km afterwards.
Coolant level in expansion tank	Check at three months or 5,000 km for the first time, at 12 months or 20,000 km for the second time, and every 12 months or 20,000 km afterwards.
Brake fluid	Check at three months or 5,000 km for the first time, at 12 months or 20,000 km for the second time, and every 12 months or 20,000 km afterwards.
Vehicle module DTCs (to be cleared after recording)	Check at three months or 5,000 km for the first time, at 12 months or 20,000 km for the second time, and every 12 months or 20,000 km afterwards.
High-voltage battery tray, crash bar, shield, crash valve*, thermal insulation cotton*, and mounting torque	Check at three months or 5,000 km for the first time, at 12 months or 20,000 km for the second time, and every 12 months or 20,000 km afterwards.
Powertrain leaks or bumps	Check at three months or 5,000 km for the first time, at 12 months or 20,000 km for the second time, and every 12 months or 20,000 km afterwards.

Item	Time and mileage interval for maintenance
Loose high-voltage wiring harnesses or connectors and connector pin ablation	Check at three months or 5,000 km for the first time, at 12 months or 20,000 km for the second time, and every 12 months or 20,000 km afterwards.
Deformation of or oil stains on the high-voltage module	Check at three months or 5,000 km for the first time, at 12 months or 20,000 km for the second time, and every 12 months or 20,000 km afterwards.
Foreign materials on or ablation of charging connector interface	Check at three months or 5,000 km for the first time, at 12 months or 20,000 km for the second time, and every 12 months or 20,000 km afterwards.
Wading marks on high-voltage parts	Check at three months or 5,000 km for the first time, at 12 months or 20,000 km for the second time, and every 12 months or 20,000 km afterwards.
Vehicle module software update (update if any)	Check at three months or 5,000 km for the first time, at 12 months or 20,000 km for the second time, and every 12 months or 20,000 km afterwards.
Lamp and LED lighting	Check at three months or 5,000 km for the first time, at 12 months or 20,000 km for the second time, and every 12 months or 20,000 km afterwards.
Headlight dimming	Check at three months or 5,000 km for the first time, at 12 months or 20,000 km for the second time, and every 12 months or 20,000 km afterwards.
Initial downtilt calibration of low beam	Calibrate it every 10,000 km
HEPA filter*	Check at three months or 5,000 km for the first time, at 12 months or 20,000 km for the second time, and every 12 months or 20,000 km afterwards, and replace if necessary; Under severe driving conditions, check every six months and replace if necessary.
Check the door brakes. Remove the dust from the lever with a damp soft cloth, and apply 0.3–0.8 g of grease to the lever, riveting joint, and rotating shaft.	Check at three months or 5,000 km for the first time, at 12 months or 20,000 km for the second time, and every 12 months or 20,000 km afterwards.
Hood lock and fasteners.	Check every 12 months.
Lock nut torque of wiper arm	Check at three months or 5,000 km for the first time, at 12 months or 20,000 km for the second time, and every 12 months or 20,000 km afterwards.

Item	Time and mileage interval for maintenance
Drive motor coolant	Replace the long-acting organic acid coolant every four years or 100,000 km
Brake fluid	Replace it every 24 months or 40,000 km.
Gear oil in the transmission	Replace at 24 months or 40,000 km for the first time, and every 24 months or 48,000 km afterwards.

Note: When checking Item 1, replace chassis parts in a timely manner if any abnormal damage is found.



REMINDER

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

Severe driving conditions include:

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

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.

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 vehicle 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 interior vehicle.

- 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 the vehicle is transporting chemicals, detergents, fertilizers, salt, and other substances. Such substances should be kept in appropriate containers for transportation. If spillage or leakage is found, clean immediately and keep dry.
- Use mud flaps.
 - Fender liners protect vehicles in saline areas or on gravel roads. The bigger and closer to the ground the mudguard, the better.
- Park in a well-ventilated and dry area.

Paint Maintenance Tips

- Clean the vehicle in time.
- Do not perform secondary painting if there are no obvious scratches on the finish, so as to prevent mismatch or color incompatibility.
- When the vehicle is not used for a long period, it should be parked in a garage or a well-ventilated place, and special body cover should be used in winter. Choose a shady place for parking temporarily.
- Prevent strong impacts, knocks, or scratches on the paint. If the paint is scratched, dented or if it peels, it should be repaired in time, preferably by professional auto beauty provider.
- Do not touch the paint with a greasy hand or cloth. Do not place greasy tools or rub with organic solvents on the vehicle body so as to avoid chemical reactions.
- The vehicle must be waxed once a month or whenever water resistance

performance of the vehicle degrades and be taken to an auto beauty provider for maintenance once every three months.

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



CAUTION

- When the vehicle is repainted and placed in a high-temperature paint waxing workshop, the vehicle's plastic bumper must be removed to avoid damage caused by high temperatures.

Exterior 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 a road with anti-freeze.
 - Driving on roads covered with coal tar.
 - Resin, bird droppings and insect carcasses get stuck.
 - Driving in areas with a large amount of smoke, soot, dust, iron filings or chemicals.
 - The vehicle is visibly soiled by dust or mud.
 - After raining.



CAUTION

- Before washing the vehicle, enable the washing mode* and ensure all doors, hood, trunk, sunroof*, and access panels are closed.
- Do not open the charge port to clean the interior.
- Do not wash the vehicle in hot and direct sunlight conditions.

Manual Vehicle Washing

Ensure that the water temperature is no higher than 60°C prior to washing the vehicle.

1. Hose off loose dirt, including all mud or road salts at the bottom of the vehicle and on wheel pits.
2. Utilize a pH-neutral car shampoo to clean the vehicle, and follow the product instructions for use. Avoid using strongly alkaline/acidic cleaners or organic substances such as gasoline, kerosene, naphtha, or strong solvents for cleaning. 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.

Washing vehicle with high-pressure washer

- When using high-pressure washer to wash the vehicle, follow the instructions:

- Keep the high-pressure water jet nozzle at least 50 cm away from the vehicle surface.
- The recommended pressure for the high-pressure water jet is less than 60 bar, and the maximum pressure is up to 100 bar.
- Use a fan-shaped or mist spray pattern (do not use a direct high-pressure jet spray).
- Keep the nozzle in constant motion during rinsing. Avoid staying stationary in one spot.
- Avoid using a pressure washer on the vehicle's undercarriage.
- Avoid using a pressure washer on the engine bay. Use low-pressure water and mild detergent instead.
- Do not spray the lower area of the windshield for extended periods. If water enters the air conditioning air intake, it may damage the AC system.
- Avoid spraying sealing strips directly with high-pressure water. Excessive pressure may deform or damage the seals and cause water leakage into the vehicle interior.
- Do not directly spray external areas of sensors such as lidar and camera lenses with a high-pressure washer, to prevent damage.

**REMINDER**

- Do not use any alkaline washing powder, soapy water, detergents, de-waxing detergents or volatile substance (gasoline, kerosene, or solvent).
- When cleaning the lights, avoid using alcohol-based products (like alcohol and windshield washer fluid), ketones (such as lacquer thinner and insect remover), or

**REMINDER**

- other chemical solvents (including gasoline, thinner, and carbon tetrachloride), as these can cause the 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 or lights.
- Clean polished metal parts with carbon cleaner and wax them regularly for protection.
- Be careful when cleaning the chassis to avoid cutting hands.

Automatic Vehicle Washing

When using an automatic car wash, note that certain types of brushes, unfiltered rinse water, or specific wash programs may scratch the paint surface. Such scratches can reduce the gloss and durability of the paint, especially on dark-colored vehicles. Before washing, consult the service provider or refer to equipment instructions to confirm which washing program is safest for your vehicle's paint.



CAUTION

- Make sure to disable the AVH function before entering an automatic car wash.
- Fold the side mirrors before washing, and unfold them before driving.

Interior Cleaning



REMINDER

- Prevent direct water splash onto the dashboard or floor when washing the vehicle, as these may cause electrical faults.
- Do not wash the vehicle's floor to prevent corrosion.
- The phone slot is prone to dirtiness, so use a soft cloth for cleaning.

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 others are powders or liquids that 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 brakes regularly. If a door brake lever is found with visible dust accumulation, wipe it with a wet soft cloth.



CAUTION

- When cleaning the inside of the rear windows, take care not to scratch or damage electric heating wires or junctions.

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

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



CAUTION

- Do not use organic substances (for example, solvents, kerosene, alcohol, and gasoline) or acid or alkali solutions. These chemicals can cause discoloration, staining, or flaking.



CAUTION

- Please confirm that the detergent or polishing agent to be used does not contain the above substances.
- If a new liquid washing agent is used, do not splash it onto the interior surface of the vehicle, because it may contain the above substances. 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 air dry it in a cool, ventilated place.
- For any questions about vehicle cleaning, please consult a local BYD authorized dealer or service provider.



CAUTION

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



CAUTION

- trimmings must always be kept clean.
- Prolonged exposure to sunlight will cause leather to harden or shrink, so the vehicle should be parked in a shady and cool place, especially in the summer.
- In hot weather, the temperature inside the vehicle rises easily, so 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 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

- Beware of short circuits, as some circuits and vehicle components carry high current or voltage.
- If coolant overflows, wipe it with a dry cloth or tissue to prevent damage to components or vehicle paint.
- If brake fluid overflows, rinse it with water to prevent damage to components or vehicle paint.
- When replacing wiper blades, do not allow the wipers to scratch the glass surface.
- Before closing the hood, check whether any tool or wipe cloth is left in the engine compartment.
- When working inside or under the vehicle, always wear goggles to protect your eyes against flying or falling objects or splashing liquid.
- As brake fluid may damage the skin or eyes, be careful when filling it. If your skin or eyes are exposed to brake fluid, immediately flush with clean water. Seek medical attention immediately if discomfort persists.

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 more frequently.
- Windshield wiper: Check wiper conditions monthly. Check for wear,

cracking, or other damage whenever the wiper cannot clean effectively.

- 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 for tread wear and embedded foreign bodies as well.
- Windshield defrosters: Check the defroster vent every month when the heater or the A/C system is used.
- Lights: Check the condition of headlights, position lights, tail lights, high mount brake light, turn signals, rear fog lights, brake lights and license plate light monthly.
- Doors: Check whether the trunk lid and all other doors (including rear doors) can be opened freely and locked securely.
- Horn: Check whether the horn is functioning properly.



REMINDER

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

Combination Lights

Front combination lights

- Front combination lights are aligned before vehicle delivery. If the vehicle

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

Fogging of lights

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



REMINDER

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



REMINDER

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

Sunroof Maintenance

Ordinary Sunroof Maintenance*

1. Wipe off dust or sand on the sealing strips of the sunroof with a wet cloth to avoid scratching them, which may affect their sealing performance.
2. Wipe off dust or sand around the roof metal sheet with a wet cloth to prevent abrasion of sealing strips when the sunroof is closed, which may affect the sunroof sealing performance.
3. Frequently clean the rails, front sash and other parts to avoid the accumulation of dust, sand, and leaves, and prevent the drainage holes from being blocked by such debris, resulting in water leakage into the vehicle.
4. When washing the vehicle, do not aim high-pressure water jets directly at the sealing strips, to prevent high pressure from distorting even damaging the strips and water from leaking into the vehicle.
5. The sunroof freezes easily in winter. Forcibly opening the frozen sunroof will damage sealing strips or other parts. Instead, warm up the vehicle and turn on the A/C system to accelerate the melting of snow and ice on the sunroof. Try to open the sunroof after the temperature inside reaches a certain level. Dry the residual moisture on the sunroof to prevent it from freezing.

6. Do not open the sunroof fully on extremely bumpy roads. Vibration between the sunroof and the rail may deform related parts and even damage the motor. In addition, do not open the sunroof when it rains or the vehicle is being washed.

Vehicle Storage

- If the vehicle needs to be parked for a long time (more than a month), the following preparations should be made. Proper preparation helps prevent degradation and ensure easy use of the vehicle. If possible, park the vehicle indoors.
- Charge the vehicle on time.
- Thoroughly clean and dry the body surface.
- Clean the interior of the vehicle to ensure that carpets and mats are completely dry.
- 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

Open the hood

1. Do not open the hood when the wiper arms are pulled up, as this may damage the hood's Paint.
2. Pull the handle on the left under the dashboard twice in the direction of the arrow. The hood unlocks and opens slightly.



3. Lift up the hood and support it with a stay bar.

Close the hood

1. Remove the stay bar, put down the hood and confirm that it is connected in place.
2. Slowly lower the hood to about 30 cm above the top of the grille, then release it to let it fall freely into the locking mechanism. Do not press down!
3. After closing the hood, check whether the latch is securely locked. If the hood can be lifted slightly, it indicates that it is not properly locked. Open the

hood again and then close it correctly according to the above steps.

WARNING

- Do not press the front of the bonnet. Heavy pressure may damage the bonnet, causing dents in the surface or bending the edges.
- Do not force down the hood or release it from a high position.
- If the bonnet is not closed properly, it may suddenly open during driving, blocking the view to the front, resulting in accidents and injuries.
- After closing the hood, check whether the hood is level with the adjacent vehicle body, which means the hood is correctly close.
- When closing the hood, confirm that nobody is within the range of the falling hood.
- If the hood is not closed tightly when driving, stop immediately and close the hood to prevent accidents!



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

REMINDER

- Do not add any rust inhibitor or other additives to the cooling system for they may be incompatible with the coolant or the motor components.
- Before opening the reservoir cap, make sure that the motor, high-voltage electronic control assembly, refrigerant reservoir and radiator are all cooled down. Opening the coolant expansion tank when the motor has not yet fully cooled down may cause coolant to squirt out, resulting in severe burns.

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.

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.



- Effects of high-altitude environments on brake fluid:
 - Atmospheric pressure decreases as altitude increases, which may increase the air content in the brake fluid and cause the brake system malfunction warning light (ⓘ) to illuminate. Before driving in high-altitude areas, have the intelligent power braking system properly bled at a BYD authorized dealer or service provider.

CAUTION

- If the braking system is not bled before driving in high-altitude areas, the brake pedal may feel soft and braking distance may increase during driving. In severe cases, vehicle power may be limited. Drive with caution.

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 you add washer fluid to the fluid reservoir again, use a piece of clean cloth dipped with windshield washer fluid to clean the windshield wiper blade, which helps keep the blade edge in good condition.

CAUTION

- Do not inject vinegar-water solution or acid solution into the windshield washer fluid reservoir.
- It is recommended to use certified windscreen washing fluid having a pH value from 6.5 to 10.

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 the refrigerant to avoid environmental pollution caused by directly discharging the 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 should be carried out timely (it is recommended that windshield repair resin products should be used and the windshield should be replaced if marks are too large or too many.)
- Replace the wiper blades regularly, preferably once every six months.
- When cleaning the windshield, raise the wiper arm in advance. The specific operation method is as follows:
 1. On infotainment touchscreen, go to Service → Overhaul to enable front/rear wiper check. The wipers rotate out.

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

Tires

- For safe driving, tires must be made and sized to fit the vehicle, with good tread and standard tire pressure.

WARNING

- Using tires with excessive wear or insufficient/excessive pressure can result in accidents, severe injury, or death.
- Please follow all instructions in this manual regarding tire inflation and maintenance.

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 traveled 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 cold tire pressure is indicated on the label affixed to the driver's door frame.
- Tubeless tires have a self-sealing function when they are punctured. However, because in fact usually there is a very slow air leak, 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 for wheel alignment check.
- Although the vehicle has been balanced in the factory, it needs to be re-balanced after running for a period of time.
- If there is some kind of continuous vibration at high vehicle speeds (above 80 km/h), but not at low vehicle speeds, go to a BYD authorized dealer or service provider for tire checks.
- If a tire has been repaired, be sure to re-balance it.
- Always perform tire balancing after new tire installation or tire replacement.

CAUTION

- Improper wheel balancers can become loose and fall off, which damages the vehicle or surrounding objects while driving.

CAUTION

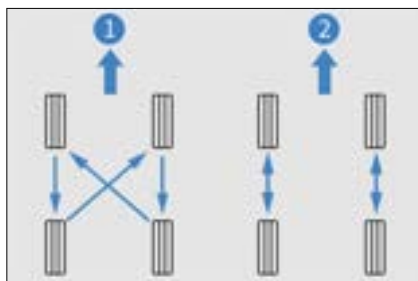
- Improper wheel balancers damage the aluminum rims of the vehicle. Therefore, it is recommended to use the original wheel balancers.

Tire Rotation

- In order to make tires wear the same and prolong their service life, it is recommended to check the wear of the tire inner and outer tread every 10,000 km and conduct four-wheel alignment, inspection and adjustment as well. Rotate the tires 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.
- 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 when rotating tires.
- Tire rotation is as shown:

① Non-directional tires and wheels.

② Directional tires and wheels.



Replacing Tires and Wheels

- Original tires maximize performance, while providing the best combination of maneuverability, driving comfort and service life.
- It is recommended to replace with original tires at a BYD authorized dealer or service provider.
- 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.
- Unsuitable tires affect the maneuverability and stability of the vehicle, and may lead to accidents.
- Do not replace only one tire; otherwise it will severely 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 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 BYD authorized dealer or service providers. Please consult a BYD authorized dealer or service provider before replacing the wheels.

WARNING

- Please observe the following precautions to ensure proper vehicle maneuverability and control.
 - Do not mix radial tires, bias belted tires, or diagonal ply tires on the vehicle.



WARNING

- Do not use tires with dimensions other than those recommended by the manufacturer.

Fuses

All vehicle circuits are provided with fuses to prevent short circuit or overloading. These fuses are mounted in the under-hood and dashboard PDBs, respectively, which Fuse labels are included in these PDBs, showing the correspondence of fuses with electrical components.

- The fuses under the hood are located at the left rear part in the engine compartment. To open the PDB, remove the trim first, and press the latch as shown.



- The dashboard fuse under the driver's side is located on the right 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.....194

When Faults Occur

If Smart Key Battery Is Exhausted

If the smart key indicator does not flash and the vehicle cannot be started using the start function, the smart key battery may be exhausted. It is recommended to contact a BYD authorized dealer or service provider for battery change as soon as possible. In this case, you may start the vehicle in no power mode.



CAUTION

- Do not place the smart key in a position exposed to high temperature.
- Do not hit or slam the key with hard objects.
- 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 the 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.

Starting the vehicle when the electronic smart key runs out of battery:

1. Use the mechanical key to unlock the vehicle.
2. Put the smart key close to the no-power sign on the auxiliary dashboard.
3. Press the START/STOP button and the brake pedal to start the vehicle.



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 Fire Rescue

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

1. Switch the ignition off, and leave the vehicle.
2. On the precondition that personal safety is ensured, if the fire is small and slow, use a dry powder fire extinguisher to put it out fire, and call for help immediately.
3. If the fire is large and growing quickly, stay away from the vehicle and call the fire brigade, informing them that the vehicle is equipped with a high-voltage battery pack, and wait for rescue.



CAUTION

- Wear insulated gloves during vehicle disassembly. Use fire extinguishers of designated type. Water or incorrect fire extinguishers may cause electric shock.
- In the event of other special conditions that cause flying projectiles (such as interior trims and glass), stay away from the vehicle and promptly ask a BYD authorized dealer or service provider to come to the site for handling.

Battery Leakage Rescue

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

1. Switch the ignition off, and disconnect the low-voltage battery if conditions permit.

2. Call a BYD authorized dealer or service provider and the fire brigade, informing them that the vehicle is equipped with a high-voltage battery pack, and wait for rescue.

If a Collision Occurs

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

1. Switch the ignition off, and disconnect the low-voltage battery if conditions permit.
2. Call immediately a BYD authorized dealer or service provider for rescue.
3. Carry out a simple inspection, if conditions permit: Check whether any edge of the high-voltage battery tray is cracked and whether any obvious liquid flows out.
 - Damage to high-voltage components is not identifiable in all cases. Do not handle damaged components or touch them with jewelry or other metal objects.
 - If skin comes in contact with leaked fluid, wash it immediately with plenty of water for 10-15 minutes. If there is still any discomfort, apply 2.5% calcium gluconate ointment, or soak in 2% to 2.5% calcium gluconate solution for 10-15 minutes. If the condition does not get better or discomfort persists, seek medical help immediately.
 - Do not touch the orange high-voltage cables or other high-voltage components. Only authorized repair personnel is allowed to work on high-voltage systems.
 - Do not damage, modify, disassemble, or disconnect the orange high-voltage cables from the high-voltage grid.

- Inform the firemen and rescue personnel that the vehicle is equipped with a high-voltage battery pack.

WARNING

- Do not touch any spilled liquid, and stay away from a leaking vehicle or high-voltage battery.
- Do not dispose of the leaked fluid into the water or soil or other environment.
- In case of vehicle breakdown or collision, the high-voltage system generates a lot of heat before and after vehicle start-up and when the vehicle is powered off. Watch out for high pressures and high temperatures.
- Do not disassemble, move, or alter high-voltage battery components and connecting cables as their connectors can cause serious burns or electric shock and may result in personal injury or death. The orange cables are part of high-voltage wiring harness. Users must not repair the vehicle's high-voltage system by themselves. If any repair is required, it is recommended to go to a BYD authorized dealer or service provider for repair.
- The remote control key and high-voltage components of the vehicle may affect and harm people carrying medical devices.

If the Vehicle Needs Towing

If the vehicle needs towing, it is recommended to contact a BYD authorized dealer or service provider, a professional towing service, or the

organization you joined for roadside assistance.

WARNING

- The vehicle must not be towed by other vehicles using only ropes or chains.

Recommended towing method:

- 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.



CAUTION

- When using a flatbed device, make sure the vehicle is securely fastened to prevent it from sliding.
- It is recommended to use professional tie-down straps and tensioners, and employ the over-the-wheel method to secure the vehicle.
- 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.



CAUTION

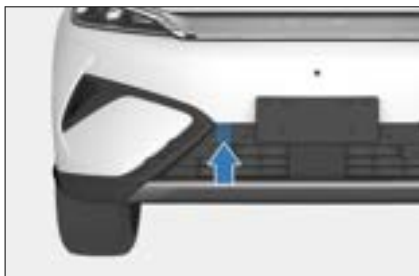
- Ensure the vehicle's wheels are immobilized during transport to prevent potential damage.

Tow Eye

1. Pry the tow eye cover open with a flathead screwdriver.
2. Install the tow eye in the tow eye opening.

Front tow eye

- The installation position of front tow eye is shown in the illustration.



Rear tow eye*

- The installation position of rear tow eye is shown in the illustration.



- If the vehicle needs rescue, it is recommended to 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 and the towed vehicle in Neutral; the tow speed must be no more than 5 km/h.
 - Never use jerking actions to pull the vehicle.
 - The rear towing device cannot be used to tow other vehicles.
 - 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 four meters but less than ten 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.

WARNING

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 the customer service number. Do not tow the vehicle in such cases.
- Towing the vehicle with a tow eye is not recommended.

If a Tire Goes Flat

- In case of a flat tire, slow down, keep straight, and drive off the busy road to a safe place.
- Park on solid, flat ground and avoid motorway forks.
- Engage the EPB and press the "P" button.
- Power off the vehicle and turn on the hazard warning light.



- Be sure to have all passengers get off the vehicle and ask them to go to a safe place away from crowded traffic.
- To prevent slipping, secure the vehicle by wedging the tire diagonally against the flat tire.

CAUTION

- Do not continue driving with a flat tire. Driving even a short distance can cause too severe damage for the tire to be repaired.

In-Vehicle Tools

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

These include: warning triangle, reflective vest, lug nut cap removal clamp, tire repair kit, and tow eye.

REMINDER

- In an emergency where you need to service the vehicle yourself, you must know how to use these in-vehicle tools and their locations.
- In case of emergency, always wear the reflective vest properly before you check for faults or handle accidents to ensure your safety.

Placing the warning triangle

REMINDER

- The warning triangle is used to warn vehicles coming from behind and to avoid collisions due to high speed or late braking.

How to use the warning triangle:

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



REMINDER

- When parking for repair, remember to place a triangular warning sign behind the vehicle following the local traffic regulations with red triangle side facing oncoming vehicles. After the repair, put the warning triangle back for future use.

Using Tire Repair Kit

- The tire sealant is used to seal small cuts, especially tread cuts or punctures. It is just an emergency solution for you to drive to the nearest service center, and only for short emergency stretches, even if the tire is not deflated.



WARNING

- At most, the tire repair kit can repair holes that are on the tire tread and are within 6 mm in diameter. Do not use the kit on holes with larger diameters or in other tire positions, but call for roadside assistance instead.
- 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



WARNING

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, and seek medical attention immediately.

Using the tire repair kit

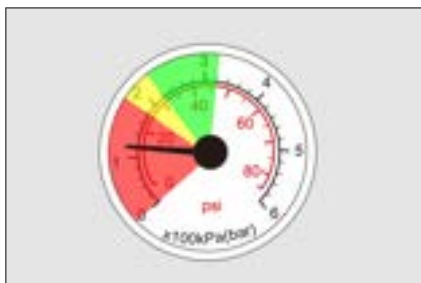
- See labels on the inflator and tire sealant for usage of the kit.
- If the inflator needs to be connected to a power source, plug the inflator into the vehicle's 12V socket, start the vehicle, and turn on the inflator. The tire sealant is then filled through the inflator hose into the tire along with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



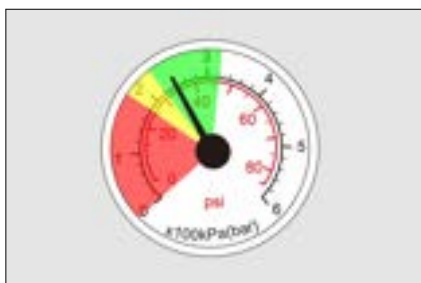
REMINDER

- Make sure the inflator switch is off when you plugging the power supply into the 12V socket in the vehicle.
- Do not use the inflator continuously for more than 10 minutes at a time.

- Observe the tire pressure reading on the inflator.
- If the tire pressure does not reach 180 kPa (1.8bar) 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 (1.8-3.2 bar) (green and yellow areas shown in the illustration), 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.



- Stop to check the repaired tire and the tire pressure reading on the inflator.
- If the tire pressure is greater than 220 kPa (2.2 bar), drive to the nearest service center at a speed below 80 km/h.
- If the tire pressure is between 130 and 220 kPa (1.3~2.2 bar), repeat the

process to fill the tire sealant into the tire and observe the tire pressure gauge reading on the inflator.

- If the tire pressure does not reach 130 kPa (1.3 bar), it is recommended to contact a BYD authorized dealer or service provider.

REMINDER

- Using tire sealant 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.
- Avoid hard acceleration and high-speed turns.
- Abide by the maximum vehicle speed limit of 80 km/h. Do not continue driving if any strong vibration, driving instability, or noise occurs while the vehicle is running.
- When the tire sealant is about to expire (see the label on the canister for exact date), replace it with a new one.
- After using the tire repair kit, it is recommended to purchase new tire sealant at a BYD authorized dealer or service provider.

08

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Vehicle Data

Specifications

Dimensions:

Item	Parameter
Length (mm)	4455
Width (mm, excluding side mirrors)	1875
Height (mm)	1615
Wheelbase (mm)	2720
Front track (mm)	1575
Rear track (mm)	1580
Front overhang (mm)	888
Rear overhang (mm)	847
Approach angle (°)	19
Departure angle (°)	24

Vehicle mass:

Item	Parameter
Curb weight (kg)	1750 1680
Max. allowable total mass (kg)	2160 2090
Front axle load at max. allowable total mass (kg)	1070 1054
Rear axle load at max. allowable total mass (kg)	1110 1056
Number of occupants (persons)	5

Drive motor:

Item	Parameter
Drive motor model	TZ200XSQ

Item	Parameter
Type	Permanent magnet synchronous motor
Drive type	Front-wheel drive
Rated power/speed/torque (kW/rpm/Nm)	65/4433/140
Peak power/speed/torque (kW/RPM/N · m)*	150/4620/310
	100/3080/310*

Vehicle power performance

Item	Parameter
Max. design speed (km/h)	160
Maximum gradeability (%)	30

Vehicle economy:

Item	Parameter
Power consumption per 100 km under comprehensive working conditions (kWh/100 km)	≤14.9 ≤14.8



CAUTION

- Actual power consumption depends on factors such as vehicle conditions, road conditions and driving habits.

Wheels and tires:

Item	Parameter
Tire specification	215/60 R17, 235/50 R18, 215/55 R18*
Tire pressure (kPa)	250(KPa); 2.5(Bar); 36(Psi)
Wheel dynamic balance requirement (g)	≤10

Wheel alignment values (at curb weight):

Item	Parameter
Front camber (°)	-0.9 ± 0.75
Total front wheel toe-in (°)	0.116 ± 0.16
Kingpin inclination angle (°)	11.47 ± 0.75
Kingpin caster angle (°)	3.23 ± 0.75
Rear wheel camber (°)	-1.07 ± 0.5
Total rear wheel toe-in (°)	0.17 ± 0.2

Braking system:

Item	Parameter
Free stroke of brake pedal (mm)	≤ 5
Reasonable thickness range of front brake disc (mm)	24-26
Reasonable thickness range of rear brake disc (mm)	10-12
Reasonable thickness range of front brake lining (mm)	2~8
Reasonable thickness range of front brake lining (mm)	2-6.5

High-voltage battery:

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

Seats (cushion depth measured):

Item	Parameter
Seatback angle set for front seats	23°
Forward and backward moving spaces for front seats	200 mm forward and 60 mm backward from designed position; slide rail inclination: 4.5°
Normal service conditions of front seatbacks	Seatback 22.5° forward and 52.5° backward from the designed position

Seatback angle set for rear seats	27°
Forward and backward moving spaces for rear seats	Design condition, not adjustable (lay down when unlocked)
Normal service conditions of rear seatbacks	27°

Recommended oil type and amount:

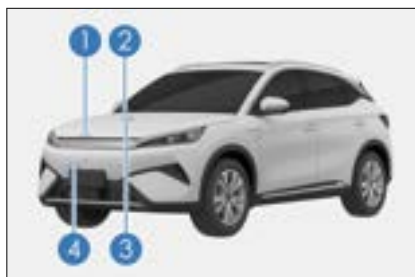
Item	Parameter
Gear transmission oil type	Castrol BOT384 (recommended), Castrol BOT383, Castrol W5
Gear transmission oil amount (ML)	600±50
Motor coolant type	Glycol organic acid coolant -25/-40
Motor coolant amount (L)	3.5±0.5
Brake fluid type	DOT4 or HZY6
Brake fluid amount (mL)	1050±50



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.

- ④ Attached the label to the designated area on the right side of the front face of the front bumper beam.



Vehicle Identification

Vehicle Identification Number (VIN)

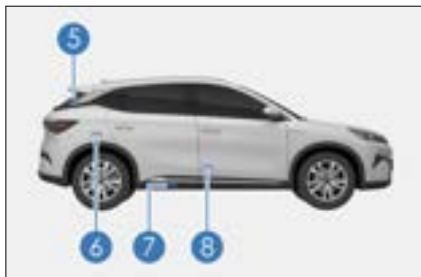
VIN attaching positions:

- ① Attached the label to the designated area to the right of the hood latch on the inner panel.
- ② Attached the label to the designated area in the lower right corner of the windshield pillar instrument panel.
- ③ Attached the label to the designated area on the front side of the transmission housing.

VIN attaching positions:

- ⑤ Attached the label to the designated area on the right side of the lower section of the rear door inner panel.
- ⑥ Attached the label to the designated smooth surface on the right rear wheel housing.
- ⑦ Attached the label to the designated area on the inner side of the right rear threshold flange.

⑧ Attached the label to the designated area at the lower right corner of the right front door inner panel.



VIN engraving position:

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

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



Vehicle Nameplate

The vehicle nameplate is located on the lower part of the right B-pillar.



Model and Serial Number of Drive Motor

① The model and number of the drive motor are located near the lock ring right under the hood.

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



Information

Warning Labels

- ① A/C system and cooling fan label
- ② Battery position label



Side airbag warning labels are attached below the lock rings on the left and right front doors.



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



WARNING

- Never use a rearward facing child restraint on a seat protected by an active airbag in front of it.
- Death or serious injury to the child can occur.

The tire pressure label is attached below the right B-pillar lock ring.



Configuration 1: The charging connector use tip label is attached to the inner surface of the charge port door.



Configuration 2: The charging connector use tip label is attached to the inner surface of the charge port door.



Warning Labels on Support Mechanisms

Support mechanisms on this vehicle can be dangerous. Do not disassemble or service them yourself. Labels on these products are defined as follows:

Lable	Definition
	Warning
	Pressurized cylinder
	Owner's Manual
	No open flame
	Not to be serviced by users
	Recycle separately (Note: Contact a BYD authorized dealer or service provider for recycling)
	No shaking or cranking
	No stepping on

Transponder Mounting Position

The transponder mounting position is located in the upper 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 Statement



Pakistan

Model: D0-92/D1-92

Component Name	Frequency	Maximum Power
NFC device	13.56 MHz	1 W
Bluetooth host	2.402–2.480 GHz	8 dBm
WIFI hotspot	2.402 GHz~2.482 GHz& 5.17 GHz~5.835 GHz	16 dBm
Network communication (4G/5G)	Antenna (4G): 701 MHz~960 MHz& 1.71 GHz~2.69 GHz	/
	Network communication host (4G): 700–2600 MHz	23 dBm
FM radio broadcasting host	76 MHz~108 MHz	0.24 W (antenna)
		0.8 W (host)
Four-in-one antenna (GPS, 4G, WiFi/BT)	1559 MHz~1605 MHz (GPS Antenna)	0.03 W
	701 MHz~960 MHz& 1.71 GHz~2.69 GHz (4G antenna)	
	2.4 GHz~2.5 GHz (Wi-Fi/BT Antenna)	
MmWave radars	76-77.0 GHz	4.8 W
AM	522~1800 KHz	0.6 W (antenna)

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TECHNICAL DATA

Component Name	Frequency	Maximum Power
0.8 W (host)		
Smart Key Statement		
	Uzbekistan Model: D0-92/D1-92	
	Pakistan Model: D0-92/D1-92	
	EU countries Model: D0-92/D1-92	
	Brazil Model: D0-92/D1-92 This equipment is not entitled to protection against harmful interference and may not cause interference to duly authorized systems.	
	Japan Model: D0-315/D1-315	



Radar



Thailand

Model: DiLink 3.0F

เครื่องโทรคมนาคมและอุปกรณ์นี้ มีความสอดคล้องตามมาตรฐานพิธีลงนามกำหนดทางเทคนิคของ
คณะกรรมการกิจการกระจายเสียงกิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ (กสทช.)

เครื่องโทรคมนาคมและอุปกรณ์นี้ มีการแก้ไขเพิ่มเติมให้ทำสอดคล้องตามมาตรฐานความปลอดภัยต่อ
สุขภาพของมนุษย์จากการใช้เครื่องโทรคมนาคมที่คณะกรรมการกิจการกระจายเสียงกิจการโทรทัศน์
และกิจการโทรคมนาคมแห่งชาติ (กสทช.) กำหนด

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Abbreviations

Abbreviations

Terminology	Full Name	Terminology	Full Name
ECU	Electronic Control Unit	EDR	Event Data Recorder
ABS	Antilock Braking System	EPB	Electronic Parking Brake
ACC	Adaptive Cruise Control	ICC	Intelligent Cruise Control
BSD	Blind Spot Detection	RCTA	Rear Cross Traffic Alert
RCTB	Rear Cross Traffic Braking	RCW	Rear Collision Warning
DOW	Door Open Warning	FCW	Forward Collision Warning
AEB	Automatic Emergency Braking	TSR	Traffic Sign Recognition
ISLC	Intelligent Speed Limit Control	LDA	Lane Departure Assist
LDW	Lane Departure Warning	LDP	Lane Departure Prevention
ELKA	Emergent Lane Keeping Assist	ESC	Electronic Stability Controller
VDC	Vehicle Dynamics Control	TCS	Traction Control System
HHC	Hill Hold Control	HBA	Hydraulic Brake Assist
CDP	Controller Deceleration Parking	HDC	Hill Descent Control
DMS	Driver Monitoring System	AVH	Auto Vehicle Hold
TPMS	Tire Pressure Monitor System	AVAS	Acoustic Vehicle Alerting System
USB	Universal Serial Bus	MAX	Maximum
MIN	Minimum	VIN	Vehicle Identification Number

