BYD SEALION 6

OWNER'S MANUAL

bydauto.co.nz

Foreword

Thank you for choosing a BYD vehicle. Please read this manual carefully for proper use and maintenance.

Special instructions: BYD Auto Co., Ltd. recommends that you select genuine spare parts and properly use, maintain and repair the vehicle according to the requirements on this manual. Replacing any parts of the vehicle with non-genuine parts or modifying it will affect the performance of the vehicle, especially the safety and durability. All damages and performance problems of the vehicle arising from this are not covered by the warranty. Furthermore, vehicle modifications may also violate national laws, regulations and local governmental regulations.

Thank you for choosing BYD passenger vehicles and for your valuable comments and suggestions. To ensure better service for you, please provide accurate contact information. If the contact information is changed, please contact a BYD authorized dealer or service provider in time to update the information in the system. At the same time, please pay attention to your country's relevant laws and regulations and local policies in time, and license your vehicle as soon as possible, otherwise there may be a risk of being unable to license your vehicle.

Descriptions marked with the "*" symbol and interfaces of PAD in this manual apply to some models only. The pictures used in this manual are only taken from one version of these models, and the actual vehicle shall prevail.

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

REMINDER

Items that must be observed to facilitate maintenance.

CAUTION

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

WARNING

Items that must be observed to ensure personal safety.

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

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

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

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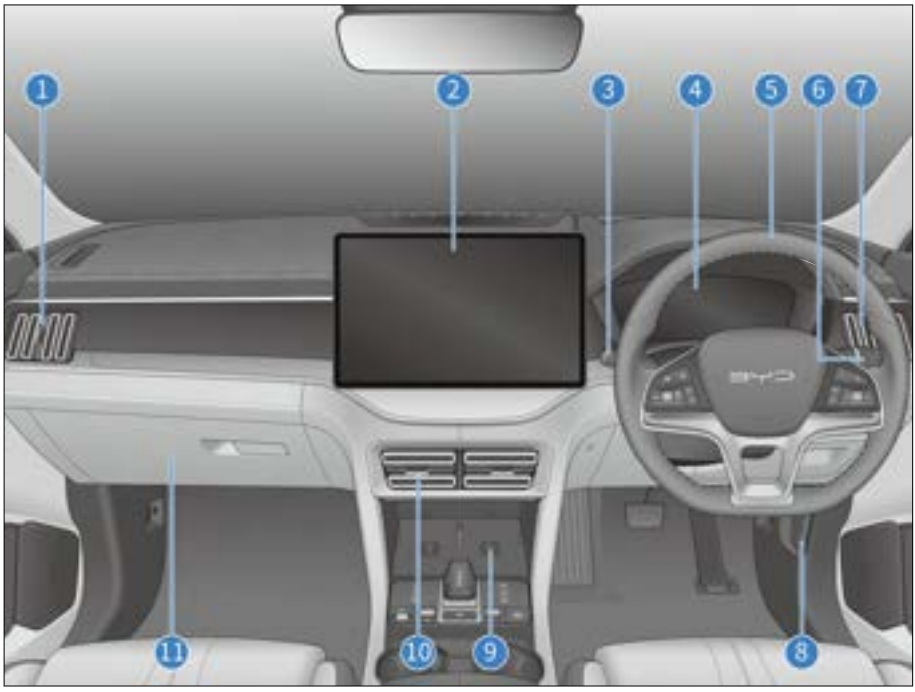

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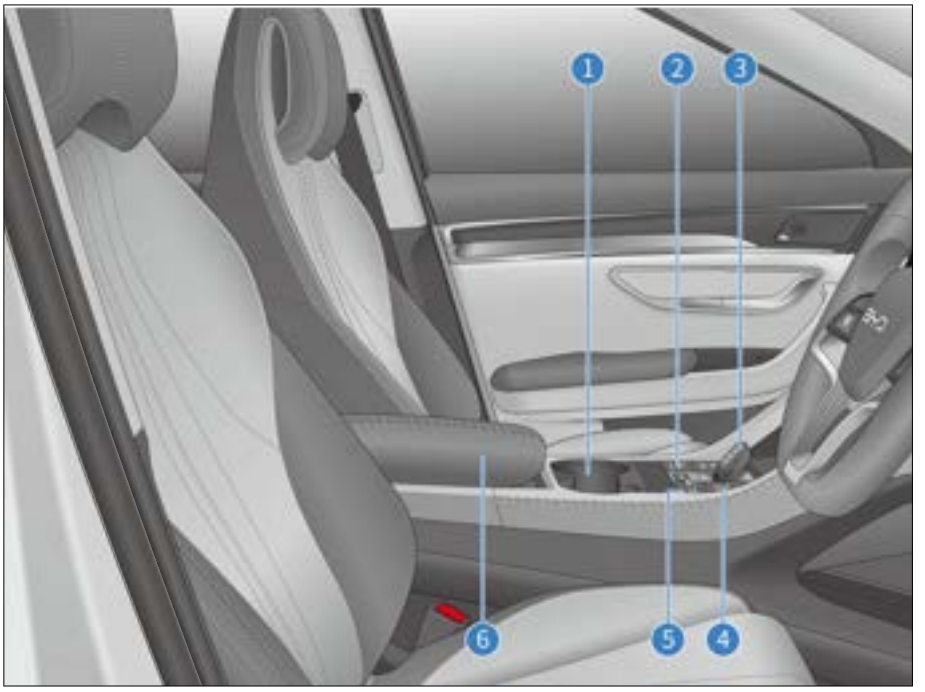

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01 SAFETY

Seat Belts

Seat Belts

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

CAUTION

- Fasten the seat belt and sit properly while the vehicle is in motion.
- The driver should ensure that all occupants are wearing seat belts before driving the vehicle to prevent serious injury or death in emergency braking or in a collision.
- The seat belts on the vehicle are mainly designed according to the body size of adults, and are not suitable for children. Please select an appropriate child safety seat according to the age and body size of children. (Refer to the Child Safety Seats in this chapter)
- If the seat belt is damaged or dysfunctional, immediately contact a BYD authorized service provider for confirmation and handling. Do not use the corresponding seat before such confirmation and handling.

- BYD has highly emphasized that driver and occupants should always fasten their seat belts while in the vehicle. Failure to do so increases the risk of injury in case of an accident.
- It is recommended that children be seated in rear seats and always use seat belts and a suitable CRS. In emergency braking or collision, unprotected children may be seriously injured and their lives may be endangered. Likewise, do not allow children to sitting on someone's lap, for there is insufficient protection.

Emergency Locking Retractor (ELR)

- During the sharp turn, emergency braking and collision process, or when the occupant leans forward too quickly, the seat belt automatically locks to effectively restrain and protect the occupant.
- Occupants can move freely when the vehicle is running smoothly and the seat belts are pulled out or retracted slowly.
- If the seat belt locks due to fast retraction, allow it to retract for a distance of 15mm and slowly pull it back.

Pretensioner and Force Limiter Function

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

Using Seat Belts

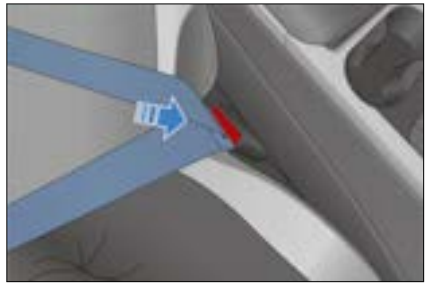
1. Adjust the seat position and seatback angle (see "Electrical Front Seat Adjustment".)
2. Adjust the position of the three-point seat belt.

- Keep a proper sitting posture and pull the seat belt out to wear it diagonally from the shoulder to the chest. The belt should not go under the arm or across the back of the neck. Keep the belt lap part as close as possible to the hip bone.

CAUTION

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

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



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

①Press the seat belt height adjuster release button.

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

5. Pull the belt firmly to verify whether it is locked.
6. Unbuckling Seat Belts

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

REMINDER

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

CAUTION

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

CAUTION

- Do not remove, disassemble or modify the seat belts without permission.
- After an accident, have the seat belts checked at a BYD authorized dealer or service provider. If the preloading function is activated, the seat belt must be replaced.
- In the event of a severe accident, regardless of whether the seat belt has an apparent damage, replace it together with the seat assembly, and thoroughly check the airbag system.
- Pregnant women should also fasten their seat belt properly. Particularly, be sure to position the lap belt as low across the hip as possible to prevent serious injury.
- Do not insert foreign objects such as coins and clips into the buckle as they prevent proper connection between the latch and buckle.
- Please use the seat belt correctly, do not insert the seat belt empty, otherwise the seat belt can not play a protective role or even damage the seat belt.
-

Unfastened Seat Belt Reminder Function

If any vehicle occupant fails to fasten his/her seat belt after the vehicle is started, a visual and sound alarm will go off until the corresponding seat belt is properly fastened.

- Unfastened Seat Belt Reminder Function

  - When any seat's belt is not fastened, the unfastened seat belt indicator flashes.
- Display of unfastened belt's seat
  - When a seat belt is not fastened, the indicator for the corresponding seat will light up and remain on in case of abnormal conditions in the vehicle.
- Unfastened seat belt reminder for front passenger
  - When the vehicle is powered on, if the driver or the front passenger does not fasten the seat belt, the main seat belt reminder indicator and the reminder indicator for the corresponding seat lights up; if the seat belt is still not fastened when the vehicle is running, the seat belt reminder indicator stays on and there is a warning sound.
- Unfastened seat belt reminder for rear passengers*
  - When the vehicle is powered on, if any rear passenger does not fasten the seat belt, the main seat belt reminder indicator and the reminder indicator for the corresponding seat light up. While the vehicle is in motion and occupants have not buckled up, the seat belt reminder indicator is on and audible alarm is given.
- When the driver and all passengers have fastened their seat belts, the main unfastened seat belt warning light and all warning lights for corresponding seats go out.

REMINDER

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

REMINDER

- When driving, make sure all occupants have their seat belts properly fastened or in emergency braking or collision, passengers are more likely to be seriously injured and their lives may be endangered.

Airbags

Airbags

- The airbag system, a part of the supplemental restraint system (SRS), is designed to supplement the seats and seat belts. When SRS deployment conditions are met in a serious collision accident, the airbag system deploys quickly to protect heads and chests of both drivers and passengers together with seat belts, thus reducing the severity of injuries.
- The airbag system cannot replace the seat belt. It is an integral part of the whole passive safety protection system of the vehicle. Only when the airbag works together with the fastened seat belt can the airbag system provide maximum protection.
- According to the collision type, the airbag is generally divided into frontal airbag and side airbag. The frontal airbag includes the driver airbag and front passenger airbag, and the side airbag includes the front side airbag and curtain airbag.

REMINDER

- Only when the airbag works together with the fastened seat

REMINDER

belt can the airbag system provide maximum protection.

- Do not disassemble or assemble the airbag components without permission.
- It is recommended to use genuine seat covers of BYD. Other seat covers may lead to degradation of airbag performance or passenger injuries. Do not place anything between the side airbag and the passenger.
- Do not apply excessive force to the side of the seat equipped with side airbag.
- After a collision, although the airbag module is not deployed and the pre-tensioner seat belt is not locked, the airbag computer may be encrypted to protect the passengers from high voltage. In this case, contact a BYD authorized dealer or service provider for inspection.

Driver and Front Passenger Airbags

The vehicle is equipped with driver airbags and front passenger airbags. When the airbag system electronic control unit (ECU) detects a moderate to severe frontal impact during driving, the airbag deploys to assist in protecting the heads and chests of the driver and the front passenger to reduce the severity of injury to the driver and the front passenger.

Front Seat Side Airbags

If the model is equipped with one side airbag for the front left seat and one for the front right seat, (as shown in the figure) the airbag is mounted on the outside of each front seat backrest where the word "AIRBAG" is marked.

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

passenger must fasten the seat belt and sit upright against the seat back.

Front Far Side Airbag

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

Vehicles Equipped with Seat Side Airbags

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

Side Curtain Airbags*

- If the model is equipped with left and right side airbags(as shown in the figure airbags are installed at the connection between the side wall and the roof, and the words "Curtain Airbag" are marked on the A-pillar shield, B-pillar shield, and C-pillar shield), when the vehicle suffers a medium to severe lateral collision triggering conditions for side curtain air bags are met, air bags will deploy to assist in protecting the head of the driver/passenger on the side suffering the collision to reduce injury.

- In the event of side collision, only the airbag on the impacted side deploys.
- In order to obtain the best protection from the side airbag, the passenger must fasten the seat belt and sit upright against the seat back.

Airbag Triggering Conditions and Precautions

Airbag Triggering Conditions

- The airbag triggering conditions are: In the event of a vehicle collision, whether an airbag will be triggered is decided by factors such as the amount of collision energy, accident type, collision angle, obstacles, and vehicle speed. The airbag system may be triggered in special collisions.
- The airbag system does not always work in any accident, and generally it will not be triggered in the event of a minor frontal collision, rear collision or rollover. In this case, the driver and passengers are protected by their properly fastened seat belts.
- Determinants of airbag system triggering: During a collision, a comprehensive and intelligent comparison is made between the

deceleration curve obtained by the Electronic Control Unit (ECU)and the set value. If the signal such as the deceleration curve generated and measured during the collision is below the preset reference value in the ECU, airbags do not deploy, even if the vehicle may have been severely deformed in an accident.

- The ECU of the BYD airbag system has been set up with considerations of common misuse and road conditions. However, due to the increasing changes in causes and forms of vehicle collisions, for your safety, please strictly follow this user manual, use the vehicle correctly, and avoid its misuse. Otherwise, there is no guarantee that the airbags will achieve their expected effect.

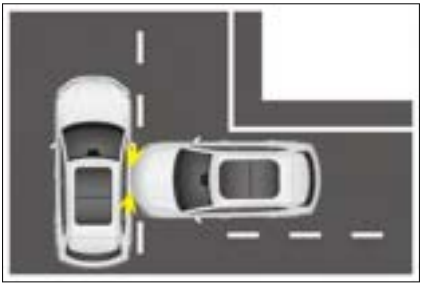
Cases When Airbags May Be Deployed

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

The vehicle hits a bump or curbstone.

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

One side of the vehicle is hit by another vehicle.



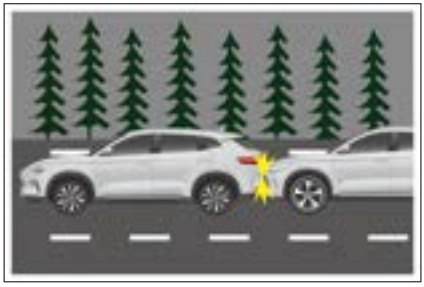
Cases When Airbags May Not Be Deployed

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

The vehicle goes under a truck or another large vehicle.

The tail of the vehicle is hit by another vehicle.

Parts other than the passenger compartment receive side impact.



The vehicle rolls over.

The lateral side of the vehicle is hit diagonally.

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

The lateral side of the vehicle hits a columnar object.

WARNING

- Airbags are designed for specific models. Any changes to suspension, tire size, bumpers, chassis and factory-equipped devices may adversely affect the airbag system. Users must not use any parts of the airbag system on other car models; doing so may lead to failure of the airbag system.
- The driver shall keep the distance between the chest and steering wheel at least 25 cm for the most effective protection when the system is triggered.
- Fasten your seat belt and sit properly while the vehicle is in motion. If the seat belt is not fastened, and the occupant is leaning forward or sitting improperly, airbag deployment can increase the risk of injury.
- Do not paste stickers, cover or decorate the hub cover of the steering wheel, the right side surface of the dashboard or the surface of A, B, and C pillar trims and seat side airbag. Clean these surfaces with a dry or damp cloth, without applying too much pressure.
- A child is not to be seated in the front passenger seat, nor

WARNING

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

- Accessories, such as telephone holders, cups, ashtrays, must not be installed on airbag covers or within their action range. Otherwise, airbag deployment will increase the risk of injury in an accident.
- Side airbags and side curtain airbags deploy quickly with high impact forces. Occupants must not lean against the doors of vehicles equipped with these airbags while these vehicles are in motion. Failure to do so could result in serious injury or even death.
- Do not place other trims or articles within the action range of any side curtain airbag (e.g., windshields, side door glass, A-pillar shields, roof, B-pillar shields, C-pillar shields and auxiliary handles). Otherwise, trims or objects will be thrown out due to the strong force released when side curtain airbags deploy, or will cause failure of side curtain airbags to deploy properly, resulting in serious or even life-threatening injuries.
- Please give all documents delivered with the vehicle to the new owner.
- 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

WARNING

airbags, resulting in serious injury or death.

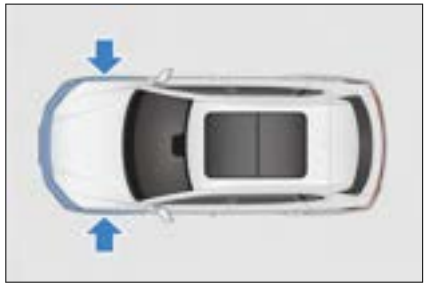
- Do not disassemble or repair the A-pillar trim, ceiling, B-pillar trim or C-pillar trim, which contain side curtain airbags. These changes can cause failure of the airbag system or accidental deployment of curtain airbags, which may cause serious injury or even death.
- Do not change any component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

WARNING

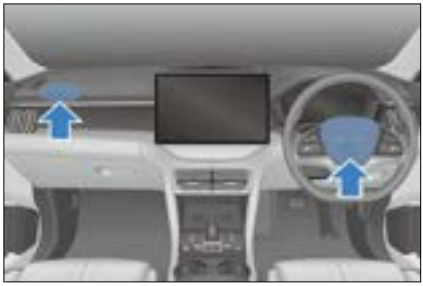
- This vehicle's airbag system has been fully verified to seamlessly match the vehicle's original wiring harness system. Any wiring harness modification or alteration may cause the airbags to deploy mistakenly under normal conditions or fail to deploy in the event of a collision.

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

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



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



- Side airbags and curtain airbags have deployed.
- An impact to a vehicle door (shaded part in the figure) in an accident is not adequate to cause the airbag to deploy.
- The surface of the seat with a side airbag is scratched, cracked or damaged similarly.
- The trimming (liner) of A-pillar, roof rail, and C-pillar with curtain airbag inside is scratched, cracked, or damaged.

Child Restraint Systems

Children Restraint System

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

WARNING

- Never carry a child on your lap in a vehicle journey.
- An appropriate child restraint system must be used for your child.
- Please follow the instructions provided with the child restraint system and in this manual to make sure a child restraint it is properly installed in the vehicle.
- When the child restraint is removed from the seat, ensure it is stored safely.
- Failure to follow the advice given, or the instructions from the child restraint system manufacturer, can endanger life or lead to serious personal injury.

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

Important considerations for selecting a child restraint system

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

Child Safety

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

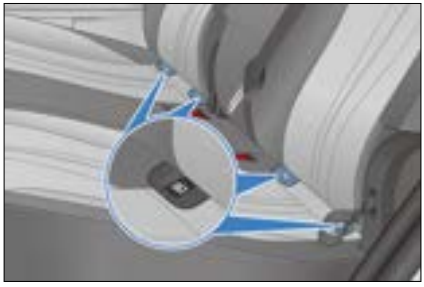
- Where possible, the child seat should be secured with the top tether strap.
- The backrest of the child seat must lay as flat as possible against the vehicle seat backrest.
- If required, adjust the seat backrest angle so that the child seat lies flat against the backrest.
- Once it has been installed,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

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

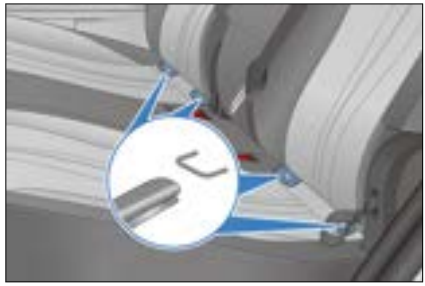
Installing Child Restraint Systems

Installation in the rear seat

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



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



CAUTION

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

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

CAUTION

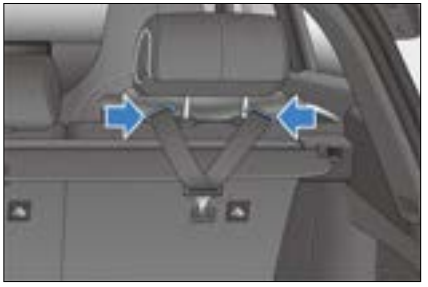
- When the child restraint is installed with a top tether on a rearoutboard seat, first remove the cargo cover, to have access to thetop tether anchorage.

- When the child restraint system is installed on any rear seat, The front seats can be adjusted forward, and the front seatback angle can be rotated, to ensure there is no contact of the front seats to the child.
- To ensure that the vehicle seatback can safely support the child restraint

system, the head restraint can be adjusted or removed.

- When the child restraint is installed on the rear outboard seat with a top tether:
- Remove the cargo cover to have access to the top tether anchorage and store the cover safely in the vehicle, and;

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



WARNING

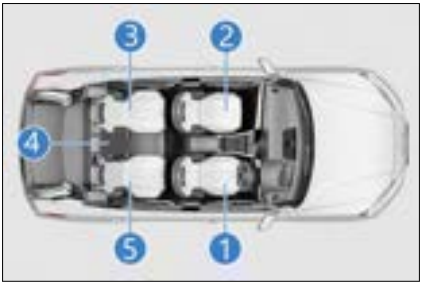
- When a child restraint is a booster cushion only, without a seatback,

WARNING

the head restraint must never be removed, and must be positioned at the appropriate height.

Details on child restraint system installation locations:

- ① Driver seat
- ② Front passenger seat
- ③ Rear left seat
- ④ Rear center seat
- ⑤ Rear right seat



CAUTION

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

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

	Seating Position			
	1	3 [b)]	4[b)]	5[b)]
Seating position suitable for Universal belted	X	YES	YES	YES

	Seating Position			
	1	**3** [b]	**4**[b]	**5**[b]
Seating position suitable for i-Size	X	YES	NO	YES
Largest suitable Lateral child restraint system	X	NO	NO	NO
Largest suitable Rearward child restraint system	X	R1/R2X/R2/R3	NO	R1/R2X/R2/R3
Largest suitable Forward child restraint system	X	F2X / F2 / F3	NO	F2X / F2 / F3
Suitable for booster seat	X	B2 / B3	B2 / B3	B2 / B3
Suitable for support leg	X	YES	YES	YES

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

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

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

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

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

[a)] Ensure:

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

① Group 0

② Group 0+/1

③ Group 2

④ Group 3

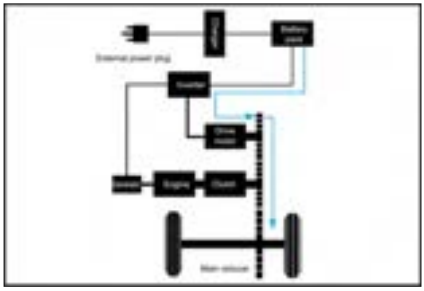
Working Modes of Dual-Mode (DM) System

Working Modes of Dual-Mode (DM) System

Configuration 1 (2WD)

"EV" - Pure Electric Operating Mode:

- In pure electric operating mode, the high-voltage battery provides electric energy to drive the vehicle by the electric motor, and this mode can meet a variety of operating conditions, such as starting, reversing, crawling, accelerating, and driving at a constant speed.

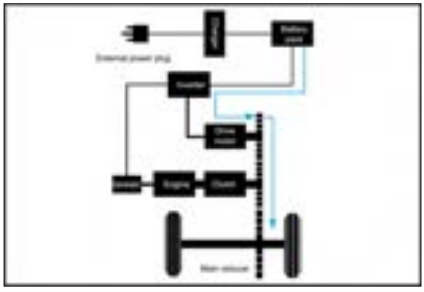


REMINDER

- The vehicle may switch to HEV mode automatically under operating conditions such as rapid acceleration, high vehicle speed, grade climbing, high or low temperature, low SOC level or the need of engine maintenance. Switch to EV mode manually if needed when EV conditions are meeted. It is recommanded to choose HEV mode under high or low temperature conditions.

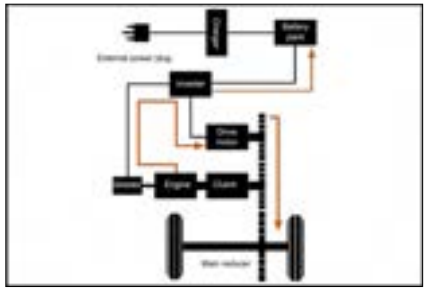
"HEV" - Dual-Mode Synergy Operating Mode:

- In HEV mode, when the SOC level is high or the power demand is low, the vehicle system prioritizes EV drive, without starting the engine.

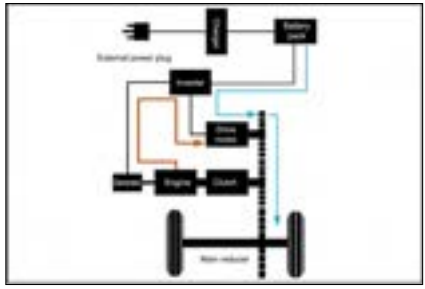


- In HEV mode, when the SOC level is low or the power demand is high, the engine starts and operates in series to meet the power demand.

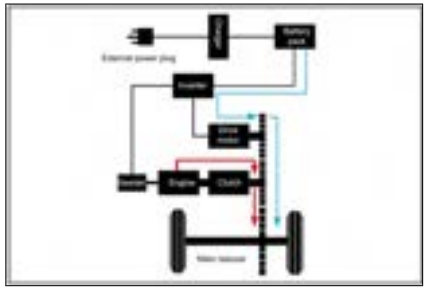
- In HEV mode, the engine supplies power to the high-voltage battery and drive motor.



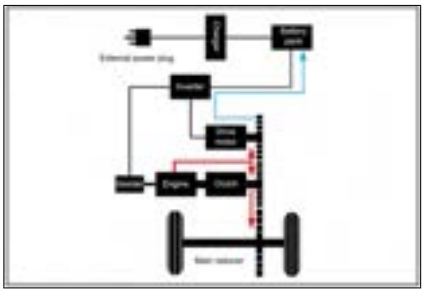
- In HEV mode, the engine and the high-voltage battery simultaneously supply power to the drive motor.



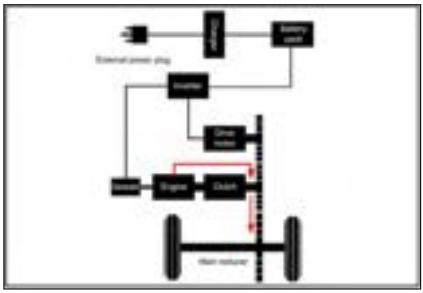
- In HEV mode, the engine starts to operate in parallel at medium and high speeds under some working conditions to improve fuel economy.
  - In HEV mode, the engine and drive motor work together to drive the vehicle.



- In HEV mode, the engine drives the vehicle and simultaneously drives the motor to generate electricity for energy recycling.



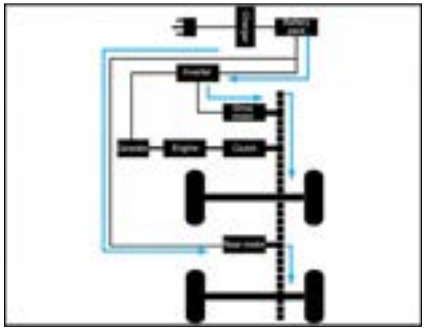
- In HEV mode, the engine drives the vehicle and the drive motor rests.



Configuration 2 (4WD)

"EV" - Pure Electric Operating Mode:

- In EV mode, the high-voltage battery provides electric energy to drive the vehicle by the electric motor, and this mode can meet a variety of operating conditions, such as starting, reversing, crawling, accelerating, and driving at a constant speed. According to the operating conditions, the vehicle system intelligently selects pure electric 4WD mode or pure electric front-drive mode.

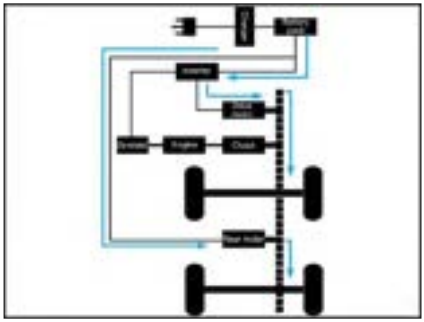


REMINDER

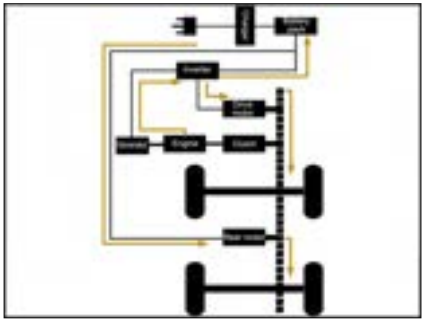
- The vehicle may switch to HEV mode automatically under operating conditions such as rapid acceleration, high vehicle speed, grade climbing, high or low temperature, low SOC level or the need of engine maintenance. Switch to EV mode manually if needed when EV conditions are meeted. It is recommanded to choose HEV mode under high or low temperature conditions.

"HEV" - Dual-Mode Synergy Operating Mode:

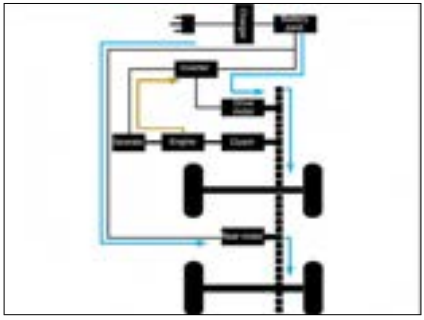
- In HEV mode, when the SOC level is high or the power demand is low, the vehicle system prioritizes EV drive, without starting the engine.
- In HEV mode, when the SOC level is low or the power demand is high, the engine starts and operates in series to meet the power demand.



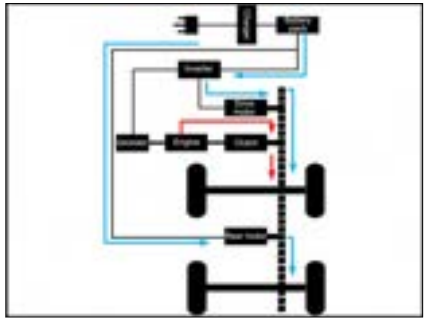
- In HEV mode, the engine supplies power to the high-voltage battery and drive motor. According to the operating conditions, the vehicle system intelligently selects 4WD mode or front-drive mode.



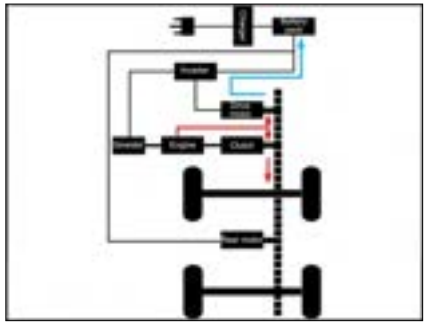
- In HEV mode, the engine and the high-voltage battery simultaneously supply power to the drive motor. According to the operating conditions, the vehicle system intelligently selects 4WD mode in series or front-drive mode in series.



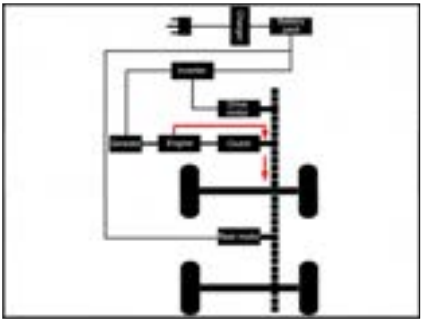
- In HEV mode, the engine starts to operate in parallel at medium and high speeds under some working conditions to improve fuel economy.
  - In HEV mode, the engine and drive motor work together to drive the vehicle. According to the operating conditions, the vehicle system intelligently selects 4WD mode in parallel or front-drive mode in parallel.



- In HEV mode, the engine drives the vehicle and simultaneously drives the motor to generate electricity for energy recycling. According to the operating conditions, the vehicle system intelligently selects the front motor, rear motor, or both for power generation.



- In HEV mode, the engine drives the vehicle and the drive motor rests.



Working mode selection of dual-mode system

Configuration 1 (2WD)

① EV/HEV mode

- Pull the lever forward to trigger EV mode
- and backward to trigger HEV mode.

② MODE

- Toggle the "MODE" lever forward to switch between ECO→snow mode→SPORT→NORMAL→ECO.
- Pull the "MODE" lever backward to switch between ECO→NORMAL→SPORT→snow mode→ECO.

EV-ECO Drive Mode:

- Toggle the EV/HEV switch forward, and the EV indicator on the instrument cluster lights up, indicating that the vehicle is in the EV mode. Toggle the MODE lever continuously until the ECO indicator on the instrument cluster lights up. This indicates that the vehicle has switched to ECO mode to minimize power consumption.

EV-NORMAL Drive Mode:

- Toggle the EV/HEV switch forward, and the EV indicator on the instrument cluster lights up, indicating that the vehicle is in the EV mode. Toggle the MODE lever continuously until the NORMAL indicator on the instrument cluster lights up. This indicates that the vehicle has switched to NORMAL mode to ensure ride comfort and control power consumption.

EV-SPORT Drive Mode:

- Toggle the EV/HEV switch forward, and the EV indicator on the instrument

cluster lights up, indicating that the vehicle is in the EV mode. Toggle the MODE lever continuously until the SPORT indicator on the instrument cluster lights up. This indicates that the vehicle has switched to Sport (SPORT)mode to ensure the best power performance.

HEV-ECO Drive Mode:

- Toggle the EV/HEV switch backward, and the HEV indicator on the instrument cluster lights up, indicating that the vehicle is in the HEV mode. Toggle the MODE lever continuously until the ECO indicator on the instrument cluster lights up. This indicates that the vehicle has switched to ECO mode for the best fuel economy.

HEV-NORMAL Drive Mode:

- Toggle the EV/HEV switch backward, and the HEV indicator on the instrument cluster lights up, indicating that the vehicle is in the HEV mode. Toggle the MODE lever continuously until the NORMAL indicator on the instrument cluster lights up. This indicates that the vehicle has switched to Normal (NORMAL)mode to ensure ride comfort and fuel economy.

HEV-SPORT Drive Mode:

- Toggle the EV/HEV switch backward, and the HEV indicator on the instrument cluster lights up, indicating that the vehicle is in the HEV mode. Toggle the MODE lever continuously until the SPORT indicator on the instrument cluster lights up. This indicates that the vehicle has switched to SPORT mode to ensure the best power performance.

MAX EV Drive Mode:

- This mode ensures vehicle operation in EV mode only to the greatest extent. To switch the vehicle to the MAX EV mode with sufficient battery SOC, toggle the EV/HEV switch forward and hold for 3s until the EV indicator on the instrument cluster turns blue. At this time, the output power of the vehicle is limited to some extent. When the battery SOC drops to a lower level, the vehicle automatically switches to the HEV-ECO mode.

Snow Mode

- Toggle the MODE lever continuously until the Snow Mode indicator on the instrument cluster lights up. This indicates that the vehicle has switched to Snow Mode to drive on the wet roads including snow roads.

Configuration 2 (4WD)

① EV/HEV mode

- Pull the lever forward to trigger EV mode
- and backward to trigger HEV mode.

② MODE

- Toggle the "MODE" lever forward to switch between ECO→mud/rut mode→sand mode→SPORT→NORMAL→ECO.
- Toggle the "MODE" lever backward to switch between ECO→NORMAL→SPORT→snow/ gravel/grassland mode→sand mode→mud/rut mode→ECO.

EV-ECO Drive Mode:

- Toggle the EV/HEV lever forward, and the EV indicator on the instrument cluster lights up, indicating that the vehicle is in the EV mode. Toggle the MODE lever continuously until the ECO indicator on the instrument cluster lights up. This indicates that the vehicle has switched to ECO mode to minimize power consumption.

EV-NORMAL Drive Mode:

- Toggle the EV/HEV lever forward, and the EV indicator on the instrument cluster lights up, indicating that the vehicle is in the EV mode. Toggle the MODE lever continuously until the NORMAL indicator on the instrument cluster lights up. This indicates that the vehicle has switched to NORMAL mode to ensure ride comfort and control power consumption.

EV-SPORT Drive Mode:

- Toggle the EV/HEV lever forward, and the EV indicator on the instrument cluster lights up, indicating that the vehicle is in the EV mode. Toggle the MODE lever continuously until the SPORT indicator on the instrument cluster lights up. This indicates that the vehicle has switched to Sport (SPORT)mode to ensure the best power performance.

HEV-ECO Drive Mode:

- Toggle the EV/HEV lever backward, and the HEV indicator on the instrument cluster lights up, indicating that the vehicle is in the HEV mode. Toggle the MODE lever continuously until the ECO indicator on the instrument cluster lights up. This indicates that the vehicle has switched to ECO mode for the best fuel economy.

HEV-NORMAL Drive Mode:

- Toggle the EV/HEV lever backward, and the HEV indicator on the instrument cluster lights up, indicating that the vehicle is in the HEV mode. Toggle the MODE lever continuously until the NORMAL indicator on the instrument cluster lights up. This indicates that the vehicle has switched to Normal (NORMAL)mode to ensure ride comfort and fuel economy.

HEV-SPORT Drive Mode:

- Toggle the EV/HEV lever backward, and the HEV indicator on the instrument cluster lights up, indicating that the vehicle is in the HEV mode. Toggle the MODE lever continuously until the SPORT indicator on the instrument cluster lights up. This indicates that the vehicle has switched to SPORT mode to ensure the best power performance.

MAX EV Drive Mode:

- This mode ensures vehicle operation in EV mode only to the greatest extent. To switch the vehicle to the MAX EV mode with sufficient battery SOC, toggle the EV/HEV switch forward and hold for 3s until the EV indicator on the instrument cluster turns blue. At this time, the output power of the vehicle is limited to some extent. When the battery SOC drops to a lower level, the vehicle automatically switches to the HEV-ECO mode.

Sand Mode

- Toggle the MODE lever continuously until the sand mode indicator on the instrument cluster lights up. This indicates that the vehicle has switched to sand mode.
  - This mode is recommended for soft, dry, and easily pressed ground. (Deserts, beaches, sand dunes, shorelines, etc.)
  - This mode is also recommended for driving on the surfaces of thick gravel.

Snow/Gravel/Grass Mode

- Toggle the MODE lever continuously until the Snow/Gravel/Grass Mode indicator on the instrument cluster lights up. This indicates that the vehicle has switched to Snow/Gravel/Grass Mode.
  - This mode is recommended for firm roads covered with a layer of loose and slippery substances such as grass, snow, ice, or gravel.
  - To improve drivability, handling, and vehicle stability on slippery roads, avoid pressing hard the accelerator pedal frequently.

Mud/Rut Mode

- Toggle the MODE lever continuously until the Mud/Rut Mode indicator on the instrument cluster lights up. This indicates that the vehicle has switched to Mud/Rut Mode.
  - This mode is recommended for muddy, rutted, soft, or uneven road surfaces.

CAUTION

- If the vehicle is to pass an area of wet sand and the sand layer is thick enough to trap the wheel, the mud/rut mode should be selected.

CAUTION

- The sand mode is recommended for road with a thick gravel layer.
- If the vehicle performance decreases due to the activation of dynamic stability control in soft sand, snow/gravel/grassland conditions, turning off the ESC system is conducive to improving the vehicle performance. When the difficulty is overcome, the ESC system must be restarted Function.

Precautions for Working Modes of Dual-Mode (DM) System

When the vehicle operates in hybrid synergy mode, pay attention to the following:

- The performance of the high-voltage battery degrades in high- and low-temperature environments. To prevent the high-voltage battery from being damaged, the following protection mechanisms are set:
  - When the temperature is too high or too low, the vehicle system limits the charging and discharging power and SOC level.
  - When the temperature is lower than -30°C or higher than 60°C, the battery cannot be charged.
  - When the temperature is lower than -35°C or higher than 60°C, the battery cannot be discharged.
- It is recommended to use the vehicle in an environment above -20°C. In the event of the above special circumstances, it is recommended to drive thevehicle by using the engine.
- The optimum temperature of the battery is 25°C. When the temperature is too high or too low, the output power of the battery is limited, so the driving range of the vehicle in pure electric mode is shortened.

Attention to High-voltage and Hightemperature Components

- The high-voltage battery and other high-voltage components of the vehicle are connected by orange cables.

WARNING

- Do not touch the orange cable or the power battery electrode. Electric shock may cause serious or even life-threatening injuries.
- Please read all warning labels.

- The motor, coolant radiator, and some other components may reach high temperatures during driving. These parts are attached warning labels. Please carefully read and follow the instructions on these warning labels.

WARNING

- Do not remove or disassemble any high-voltage parts, otherwise serious or even life-threatening injuries may be caused.
- In the event of collision, flooding, and other situations that may cause damage to the high-voltage system, it is recommended to contact a BYD authorized dealer or service provider as soon as possible for inspection to avoid the risk of electric shock.
- Do not continue to use the vehicle to avoid the risk of electric shock if the vehicle gives a warning of electric leakage or a

WARNING

BYD authorized dealer or service provider has diagnosed that the vehicle has electric leakage.

- Touching parts with high voltage causes electric shock, thus resulting in serious or even life-threatening injuries.

- For the vehicle is driven by gasoline engine and motor, the engine sound may be heard from the engine compartment.
- When the vehicle powered on or off, it may hear the sound (sound of contactor closing or opening) from high-voltage components under the auxiliary dashboard, which is not a fault.
- If the indicator “ OK ” stays on, it indicates that the vehicle can be driven, even if the fuel engine is not started (driven by the motor only).
- Be sure to press the “P” button when parking. When “P” or “N” gear is engaged, if the SOC is lower than a certain level, the engine maystart to charge the high-voltage battery. If the “N”, “R”, or “D” gear is engaged for a long period of time, it may cause a system failure. Therefore, after the gear is engaged, be sure torelease the shift lever. When leaving the vehicle, be sure to pull up the EPB switch, press the “P” button, take away the key, and lock all doors.
- If the 12V battery fails and the power is completely exhausted, even the external power supply cannot be used for starts, please contact a BYD authorized dealer or service provider.

WARNING

- Be sure to turn off the powertrain when leaving the vehicle.
- Be sure to press the P button, because the vehicle can also be started (driven by the motor) when the " OK " indicator is on, even if the engine is shut down.
- With the " OK " indicator on, if the gearshift lever is shifted to the "R" or "D" position, when the brake pedal is not depressed, the vehicle will travel at a low speed. Be sure to pay attention to this situation.

- It is recommended to consult a BYD authorized dealer or service provider for vehicle repair or maintenance.
- If the vehicle cannot be repaired due to an accidentor other reasons, consult a BYD authorized dealer or service provider.
- It isrecommended to consult a BYD authorized dealerorservice provider before handling the vehiclebecause ituses a sealed 12V battery.

WARNING

- In the event of an accident, perform the following operations to reduce the risk of high-voltage electric leakage.
  - Move the vehicle to a safe place.
  - Press the brake pedal and pull up the EPB switch.
  - Press the P button to shut down the dual-mode system.
- If the vehicle is severely damaged, there may be a risk of electric shock. To avoid electric shock,

WARNING

do not touch any high-voltage components (such as battery assembly) or cables (in orange) connecting components. If there are uninsulated wires inside or outside the vehicle, do not touch them to avoid electric shock.

- If the liquid leaks into some parts of the vehicle, do not touch the liquid, because it may be the electrolyte of the 12V battery. If the fluid contacts the skin or eyes, flush with plenty of water (preferably boric acid solution) and seek medical attention to avoid severe injury.
- If the vehicle catches fire, use a special fire extinguisher to put out the fire or wait for the arrival of firefighters.
- If the vehicle needs to be towed, please tow it with all four wheels off the ground. If the wheels touch the ground during towing, the motor may continue to generate electricity, resulting in electric leakage.

Anti-theft System

Anti-theft System

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

Enabling anti-theft system

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

Triggering the alarm

- The anti-theft alarm is triggered when:
  - a door, trunk lid, or hood is unlocked without the smart key; or
  - the vehicle is powered on without the smart key.

Releasing the alarm

- The anti-theft alarm is released when:
  - doors are unlocked with the smart key;
  - a door is unlocked with the microswitch;
  - the trunk lid is opened remotely with the smart key;
  - the vehicle is started remotely with the smart key; or

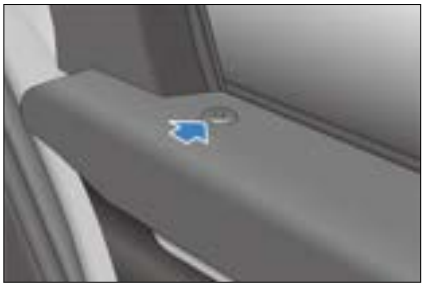
- the START/STOP button is pressed with the smart key inside the vehicle.

WARNING

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

Anti-theft Indicator

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



Data Collection and Processing

Data Collection and Processing

- This section provides you with some important information on how personal data is collected and processed when you use a BYD vehicle.
- For a more detailed overview on data processing, data protection and data subject rights, please read the current version of the privacy policy for the vehicle available at the infotainment system (**Vehicle Settings** → **System Settings** → **More** → **Privacy Policy**).
- This vehicle is equipped with an event data recording (EDR) system. EDR mainly records data in the event of a crash or near-crash (for example, airbag deployment or hitting on a roadside obstacle) to help comprehend the vehicle system operation, such as:
  - Vehicle velocity
  - Tire pressure condition
  - Adaptive cruise control (ACC) system status
  - Whether the seat belt is fastened
- The vehicle records EDR data only when there is a crash or when a near-crash event reaches a certain extent. The EDR does not record any data during the normal driving of the vehicle.
  - The data recorded by the EDR system provides an understanding of the state of the vehicle's safety-related systems when an accident occurs, so that relevant parties can analyze the accident.
  - The EDR data needs to be accessed and read by special equipment. BYD discloses your personal data to third parties only if this is legally permissible or you have consented to it. In addition to the vehicle manufacturer, third-party agencies with professional equipment (such as government agencies) can also read the EDR data if they have access to the vehicle EDR and equipment (for example, they can read the data of SRS control unit to clarify the accident).

Vehicle Data Processing

- Data is collected when the vehicle is used, such as data collected or transmitted by vehicle sensors or

control units, which is necessary for the safe functioning of your vehicle.

- In some cases, the data is used to support driving (driver assistance systems) or to enable a specific comfort or infotainment function.
- Personal data that is collected and processed mainly include in-vehicle data, remote-services-related data, and other data, as further specified below.

In-vehicle data

Operation data

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

Remote-services-related data

Remote monitoring services

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

Other

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 Europe services through the vehicle's infotainment system network devices.
- BYD is not liable for any such services provided by any other party.
- In such cases, please obtain information about the use of data from the provider of the respective online service.

Camera image recording/surrounding area monitoring

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

Permanent Vehicle Transfer to Third Parties and Offline Mode

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

- This can also be done by tapping → System Settings → Internet → WLAN → Off.

Disclosure of Personal Data to Authorities

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

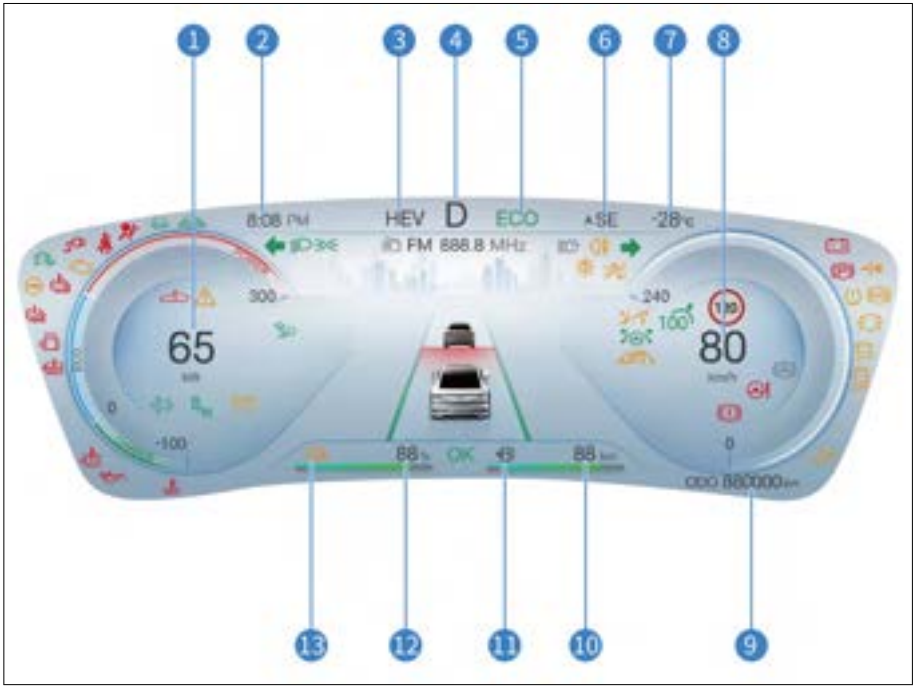
Your Data Protection Rights

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

02 INSTRUMENT CLUSTER

Instrument Cluster

Instrument Cluster View



1	Power
2	Time
3	Working Modes of Dual-Mode (DM)
4	Gear status
5	ECO/SPORT/NORMAL/Snow/ Sand/Mud Mode
6	Orientation
7	Ambient temperature
8	Speedometer
9	Odometer
10	Fuel driving range
11	Fuel gauge
12	Battery SOC percentage (battery driving range)
13	State of Charge (SOC) meter

REMINDER

The above views are schematic diagrams for reference only. The battery SOC percentage and battery driving range in the diagrams cannot be displayed simultaneously.
In addition, the user can access the energy display settings through multimedia system →New Energy to

REMINDER

select the display of "Mileage" and "SOC".

Instrument Cluster Indicators

Indicators/Warning Lights

	Turn signal indicator		Position light indicator
	Discharge indicator		ICC indicator*
	Hill descend control indicator*		AEB indicator*
	AVH indicator	OK	OK indicator
ECO	ECO indicator		Low Beam Indicator
SPORT	SPORT indicator		Adaptive Cruise Control (ACC indicator) *
NORMAL	NORMAL indicator		BSD indicator*
EV	EV Indicator	HEV	HEV Indicator
	HMA indicator*		High beam indicator

	Low fuel warning light		ACC fault indicator*
	AEB fault warning light*		Snow mode indicator
	Rear fog light indicator		Fault warning light of headlight
	ESC warning light		Driving power limit indicator
	Tire pressure fault warning light		Smart key warning light
	Main alarm indicator		High-voltage battery low SOC warning light
	Emission fault indicator		Oil life monitoring indicator*
	Hill descend control fault indicator*		Driver attention warning light
	ABS fault warning light		ESC OFF warning light
	CPD fault indicator		Door status indicator
	Seat belt reminder		EPB indicator
	Charging connection indicator		SRS fault warning light
	Parking system fault warning light		Powertrain fault warning light

	High-voltage battery fault warning light		High-voltage battery overheating warning light
	Motor overheating warning light		Towing mode indicator
	Steering system fault warning light		Motor coolant overheating indicator
	Traffic Sign Recognition (TSR)*		Low oil pressure warning light
	Motor fault warning light*		Low-voltage power system warning light
	Engine coolant overheating indicator		

Description of instrument cluster fault/ prompt indicator

 Smart key warning light

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

 ABS fault warning light

- With the vehicle powered ON, this warning light is on. If the ABS (anti-lock braking system) works properly, the light goes off in a few seconds. If the system fails, it lights up again until the fault is eliminated.
- When the ABS fault warning light is on (the parking system fault warning light goes out), the ABS does not work, but the parking system still works normally.
- When the ABS fault warning light is on (with the parking system fault warning light off), since the anti-lock braking system does not operate, the wheels will be locked in case of emergency braking or braking on a slippery road.
- If any of the following cases occurs, it means there is a fault in components monitored by the warning light system. In that case, contact a BYD authorized dealer or service provider for vehicle inspection as soon as possible.
  - With the vehicle powered on, this warning light does not light up or stays on.

- This warning light turns on during driving.

REMINDER

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

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

Tire pressure fault warning light

- With the vehicle powered ON, this warning light is on. It turns off in a few seconds if the tire pressure monitoring system is working properly. If the system fails, this warning light turns on again.
- When the tire pressure fault warning light lights up or flashes, the information display on the instrument cluster reads "Please check the tire pressure monitoring system" and the tire pressure is displayed as "---" on the screen, it indicates that the tire pressure system is faulty.
- When the tire pressure fault warning light flashes rapidly, and one or more values turn red in the tire pressure page on the instrument cluster information display, the corresponding tire is leaking rapidly.
- When this indicator stays on, along with one or more figures shown on the tire pressure display interface of the dashboard display screen turning yellow, it indicates low pressure in one or more tires.

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

ESC warning light

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

- With the vehicle powered on, this warning light does not light up or stays on.
- This warning light stays on during driving.
- If the ESC fault warning light flashes while the vehicle is traveling, it indicates that the ESC is working.

REMINDER

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

ESC OFF warning light

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

CAUTION

- If the ESC OFF warning light is on, the driver must be alert and keep driving at a low speed during emergency turning and emergency avoidance from obstacles ahead. Because braking the vehicle in such a situation may cause the ESC system to malfunction, and the vehicle would become unstable.

Main alarm indicator

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

Headlight fault warning light

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

Driving power limit warning light

If this indicator illuminates when the vehicle power is limited, contact a BYD authorized service provider in time.

Emission fault indicator

- With the vehicle powered ON, this fault indicator is on for self-check. If on at any other time, it indicates that a certain control system of the vehicle may be faulty. Even though abnormalities in vehicle performance may not be noticed, continuous operation in this state may cause serious damage to the vehicle.
- If this indicator lights up during non-self-check, drive the vehicle to the roadside safely, power the vehicle off, power it on again, start the engine and check this warning light. If this warning light is still on, drive the vehicle to a BYD authorized dealer or service provider for inspection as soon as possible. Before the BYD authorized dealer or service provider finds out the fault, be careful to drive the vehicle and avoid driving at a high speed or fully pressing the accelerator pedal.
- If the fault indicator lights up frequently, contact a BYD authorized dealer or service provider for inspection, even if it goes out after the above steps are followed.

CAUTION

- Continuous driving after the emission fault indicator is on may cause damage to the emission control system or the engine itself.

Low fuel warning light

This indicator is located on the fuel gauge. If on, it indicates little fuel in the fuel tank and reminds the driver that the fuel is about to be used up. Should this occur, refuel the vehicle as soon as possible. When the fuel tank shakes on a slope or curve, the low fuel level warning light may be on earlier than usual.

Parking system fault warning light

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

REMINDER

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

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

REMINDER

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

Seat belt reminder

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

Low-voltage power system warning light

- This indicator is used to warn charging system fault during charging.
- This indicator is used to warn discharging system fault during discharging.
- This indicator is used to warn the working status of DC module and battery module at times other than charging and discharging.
- If this indicator is on during driving, it indicates faulty DC system or battery system. In this case, turn off the A/C and fan, and drive the vehicle to the nearest BYD authorized dealer or service provider for maintenance.

SRS fault warning light

- With the vehicle powered on, this warning light is on. If the airbag system works normally, it goes out after a few seconds. This warning light is used to monitor the SRS ECU, collision sensor, inflator, warning light, wiring and power supply.
- If any of the following conditions occurs, it indicates a fault in a component monitored by the warning light system. In this case, contact a BYD authorized dealer or service provider for inspection as soon as possible:
  - With the vehicle powered on, this warning light does not light up or stays on.
  - This warning light turns on during driving.

Motor coolant overheating indicator

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

Steering system fault warning light

- When the warning light stays on, it indicates that the steering system is faulty. In this case, drive the vehicle to a BYD authorized dealer or service provider for inspection.

REMINDER

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

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

WARNING

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

Powertrain fault warning light

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

CAUTION

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

High-voltage battery overheating warning light

- If this indicator is on, it indicates that the high-voltage battery is too hot. Should this occur, stop the vehicle immediately to let it cool down. If the indicator flashes, stop the vehicle immediately and leave it as soon as possible.

- The high-voltage battery may be overheated under the following operating conditions. For example:
  - Long-distance climbing in hot weather.
  - Long stop-and-go traffic state, frequent rapid acceleration and braking, or continuous running without rest.


High-voltage battery fault warning light

- When the vehicle is powered ON, this warning light will illuminate. If the power battery system works properly, it goes out after a few seconds. If the system is faulty, it goes on again. It is recommended to contact a BYD authorized dealer or service provider for inspection as soon as possible.
- If any of the following cases occurs, it means there is a fault in components monitored by the warning light system. In that case, contact a BYD authorized dealer or service provider for vehicle inspection as soon as possible.
  - With the vehicle powered on, this warning light stays on.
  - This indicator stays on or lights up from time to time during driving.


Motor overheating warning light

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


Low oil pressure warning light

- This warning light is on in case of low oil pressure.
- If this warning light flashes or remains on during driving, park the vehicle in a safe place, shut down the engine immediately. In this case, it is recommended to contact a BYD authorized dealer or service provider.

CAUTION

- Do not drive the vehicle when the warning light is on, even for a short distance. Otherwise, the engine is damaged.
- When the engine is idling, this warning light may flash occasionally, or go on momentarily after emergency braking. When the engine is accelerating gradually, if this indicator goes out, the oil pressure is normal, which does not indicate a problem.

Traffic Sign Recognition (TSR)*

If this indicator lights up, it indicates that the system recognizes the speed limit of the current road section.


AEB indicator* (red)

When this indicator is on or flashes, pay attention to the distance to the vehicle ahead to avoid collision.


Door status indicator

If a door, the boot lid or the hood is not closed, the vehicle body and corresponding status prompt are displayed. When the vehicle speed exceeds a certain value, the message "Door, boot lid or hood is not closed." is displayed.

03 CONTROLLER OPERATION

Doors and Keys

Keys

The vehicle is equipped with an electronic smart key, NFC key (phone or card) and a mechanical key (in the smart key) that allow the user to unlock/lock vehicle doors, start the vehicle and implement other functions.

Electronic smart key

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

Lock/Unlock all doors by pressing the front left/right door microswitch while carrying the electronic smart key. Buttons on the smart key help you lock/unlock doors, open the boot lid, perform a remote start, and locate your vehicle.

Model: D0-92/D1-92

Operating power supply: button cell battery

Battery Model: CR2032

Nominal voltage: 3V

Operating voltage: 2.9V~3.3V

Normal operating current: 8mA (nominal current)

Low-frequency resonance frequency: 125KHZ

Key operating frequency: 434MHz

FCC ID: 2A5DH-DAEA-92

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

WARNING

Button battery safety warnings:

- The button (coin) battery in the vehicle key is hazardous and both new and used batteries are to be

WARNING

kpet away from children at all times.

- If swallowed or placed inside any part of the body, a lithium battery can cause severe or fatal injuries in 2 hours or less.
- Medical attention should be sought immediately if it is suspected the battery has been swallowed or placed inside any part of the body.

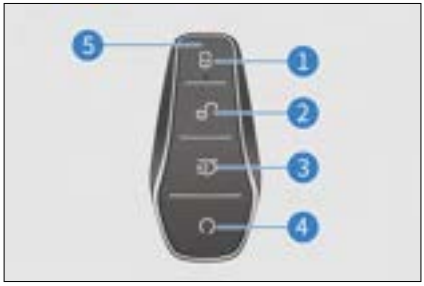
① Lock button

② Unlock button

③ Boot lid open button

④ START/STOP button

⑤ Indicator



CAUTION

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

CAUTION

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

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

CAUTION

reduce the risk of vehicle theft or accidents.

- Do not change the transmission frequency arbitrarily, increase the transmission power (including additional transmission frequency amplifier), do not arbitrarily connect the external detection antenna or switch other transmitting detection antennas.
- Do not cause harmful interference to legitimate radio communication services when used; once there is interference, stop using and mining immediately.
- The use of micropower radio equipment must be free from interference of all radio services or from radiation of equipments for industrial, scientific and medical applications.
- Do not use it near aircraft or airports.
- People implanted wtih pacemakers or defibrilators 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 wtih pacemakers or defibrilators, those who use other electronic medical devices should also consult the manufacturer on the use of such devices under the influence of electromagnetic waves. Electromagnetic waves may bring unknown consequences to the use of such medical devices.

Mechanical Key

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

Taking out the mechanical key

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

NFC digital key

NFC digital key

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

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

- The vehicle has enabled the BYD Cloud service;
- The vehicle is configured and supports NFC digital key function;
- Relevant mobile phone or wearable device supports BYD NFC digital key

function (please consult your BYD distributor and provider for specific supported device models).

Enabling NFC Digital Key

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

1. BYD APP: Please go to the mobile APP store to download BYD APP, complete registration and login. Click "NFC/ Digital key" and follow the prompts.
2. Email link: After logging in the email on the mobile phone (the number is reserved when purchase the car), check the email about digital key from "BYD Auto" (bydapp@byd.auto), and activate it according to the prompts.
3. Vehicle setting: Please enter vehicle setting on the multimedia touchscreen, and click "Digital Key" module to activate. The path to Digital Key: Vehicle Settings→Windows and Locks→Digital key.

Enabling the NFC digital key with wearable device

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

1. Sync the iPhone to the Apple Watch after successful activation: Activate the iPhone digital key after wearing the unlocked watch. After the iPhone is successfully activated, the prompts can be synchronized to nearby Apple Watch to add the digital key, and complete the activation steps accordingly.
2. Watch APP activation: It applies to the case that the iPhone digital key is not synchronized to the Apple Watch when it is activated. Please open the Watch APP, select "Wallet", find the corresponding key, and click "Add" to complete activation steps accordingly.

The Usage of NFC digital key

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

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

CAUTION

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

Deleting NFC digital key

You can delete NFC digital keys in any of the following ways:

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

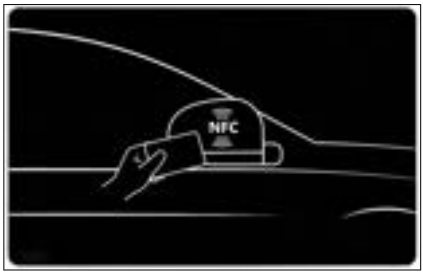
and complete the deletion according to the prompts;

3. Delete in the wallet: Open the system wallet, find the digital key card that needs to be deleted, and complete the deletion according to the system prompts.

NFC Key(phone or card)

NFC key card is a smart key based on NFC connunication mode, which can achieve vehicle unlocking/locking and obtain start permission.

NFC key card——Place the NFC card close to the NFC mark on the driver’ s side rearview mirror to unlock/lock the vehicle. After entering the vehicle,place the NFC card at the NFC sign inside the vehicle to obtain the vehicle start permission.



CAUTION

- NFC key card is an electronic product. The following instructions must be observed to prevent function failure of or damage to the card:
- Do not place the NFC key card in the wireless charging area together with the mobile phone.
- Do not use any objects (such as a metal seal, metal mobile phone back shell) which cut off electromagnetic wave signals with the NFC card.
- Do not place the NFC card in a position exposed to high temperature, such as on the dashboard. Do not bend NFC card with force.
- Do not place the card with other hard objects.
- The identification of NFC card needs fully contact between the NFC card and sensing area, so pay attention to the position of NFC key card.
- The identification distance of the card is 1-2 cm.
- Make the NFC key in contact with the driver side mirror to identify it. The identification takes about 1~2s.
- Carry the NFC card to avoid failure to use the vehicle due to mobile phone shutdown, loss of mobile phone, invalidation or loss of electronic key.
- The NFC smart card is a key configured for the vehicle based on the near field communication method. In order to ensure vehicle safety, handle it with care. If it is lost, going to BYD authorized dealer or service provider for blocking of the lost card and re-configuration is recommended.

Locking/Unlocking Doors

Locking/Unlocking with Mechanical Key

Insert the mechanical key into the keyhole and turn the key.

- Turn the key clockwise to unlock the driver's door.
- Turn the key counterclockwise to lock the driver's door.

Opening with Interior Door Handle

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

CAUTION

- Cold temperatures may make it more difficult to close the doors in winter conditions. In this case, you can use your hand to push and close the door until the door is closed, and then stop pushing.
- Under extremely low temperature conditions, you can turn on the air conditioner for a period of time

CAUTION

and then close the door according to the above operation method.

Locking/Unlocking/Finding the Vehicle with Smart Key

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

Locking:

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

- If any door, the hood or boot lid is not closed, turn signals do not flash, and the horn sounds once.

Unlocking:

- Press the unlock button to unlock all doors simultaneously. The turn signals flash twice.

- If the vehicle is not powered off, the doors cannot be unlocked/locked with the unlock/lock button.
- When the smart key is used to unlock all doors simultaneously, even if the doors are not opened, if the "DOOR" switch is turned on, the interior light goes on for 15s and then goes out (the user can slide down the status bar on the top of the infotainment touchscreen to open the Quick interface and turn on or off the "DOOR" switch).
- After unlocking the vehicle in anti-theft mode with a smart key, open any door within 30 seconds. Otherwise, all doors lock automatically.
- If the lock or unlock button is pressed and held, the locking or unlocking function is not repeated. Release the button and press it to realize the function again.
- If the key is placed in the locked vehicle, and the boot lid is closed, the vehicle is unlocked actively, and the turn signals flash twice.

Vehicle locating

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

Rolling up/down window by smart key*

- With the vehicle powered off:
  - Press and hold the lock button of the smart key to roll up four windows.
  - Press and hold the unlock button of the smart key to roll down four windows.
- The user can turn on or off the above functions via (infotainment system) → Vehicle settings → Locks. By default, the rolling up function is turned on, and the rolling down function is turned off.

WARNING

- Before activating the remote window opening, check that all occupants are not at risk of being caught or pinched.

Locking/Unlocking with Microswitch

Locking

- With the vehicle powered off:
  - When doors are closed but unlocked, carry the smart key and press the microswitch on the front door handle to lock all doors simultaneously. The turn signals flash once.

- If any door, hood or boot lid is not closed, the closed door can still be locked with the microswitch, but the turn signals do not flash, and the horn sounds once.

Unlocking

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

With the vehicle powered off, carry an effective smart key and press and hold the microswitch to realize automatic rolling up/down of four windows. Turn on or off the functions via (infotainment system) → Vehicle Settings → Locks. By default, the rolling up function is turned on, and the rolling down function is turned off.

Locking/Unlocking with NFC Key Card(phone or card)*

Locking:

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

Unlocking:

- When the anti-theft system is activated, place the NFC(cell phone or card)in sensing area close to the NFC mark on the front right exterior rearview mirror. All doors are simultaneously unlocked. The turn signals flash twice.
- If the alarm is armed, open a door within 30 seconds after unlocking with the NFC (phone or card), or all doors will relock automatically.
- After unlocking with NFC (phone or card), the user can start the vehicle within 4 min, while this will be disabled upon locking at the "OFF" position.
- Unlocking with the NFC phone or card allows the user to start the vehicle within 4 minutes. This start feature is deactivated if the vehicle is not started within this time period. Should this occur, the user can place the NFC (phone or card)in sensing area to the NFC mark on the center console cubby cover, and start the vehicle within 4 minutes. This feature is also deactivated when the vehicle is powered off.
- In any of the following cases, doors are not locked/unlocked when the NFC (phone or card)is held close to the NFC sign on the side mirror on the driver's side:
  - The NFC (phone or card)is placed close to the designated area on the driver's side mirror while a door is being opened or closed.
  - The vehicle is not powered off.

CAUTION

- The keyless start permission lasts for up to 4 minutes.
- Some smartphones do not support NFC functionality when turned off.
- Please avoid long-term or frequent use when the smartphone is dead.

Locking/Unlocking the Trunk

Opening/Closing trunk with smart key

Double press the trunk lid open button on the smart key to open the trunk lid. Turn signals flash twice. Press the boot lid open button again to stop opening the boot lid, then double-press it, and the boot lid moves in the opposite direction.

Opening/Closing boot lid from inside the vehicle*

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

Opening the boot lid with external button

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

REMINDER

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

① Power boot lid close button*

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

② Vehicle lock button*

- When the vehicle is powered off and the boot lid is opened, carry an effective smart key and press the locking button to close the boot lid, lock the vehicle and enter the anti-theft state.

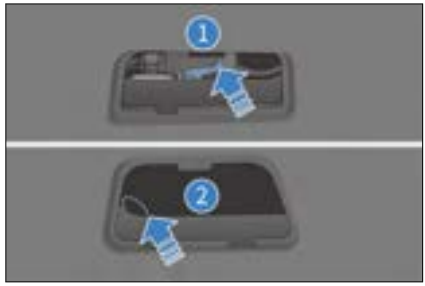
REMINDER

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

Interior emergency unlocking of boot lid

1. Remove the boot lid lock maintenance cover from the boot lid shield.

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



REMINDER

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

Setting trunk opening height

- Manually or automatically open the boot lid at the desired position and keep it there; press and hold the interior boot lid button for more than 3s. After the speaker sounds for 1s, the current trunk lid height is set successfully.
- Adjust the trunk open height via (infotainment system) → Vehicle Settings → Locks.

Anti-pinch Function

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

When the trunk fails to act automatically

Manually and completely close the trunk for recovery.

When reconnecting 12V 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.
- When opening or closing the trunk, make sure the surrounding area is safe.
- Make sure the trunk is properly closed when the vehicle is in motion.
- Make sure to remove any ice or snow from the area before opening the trunk, otherwise the lid may close again.
- Do not manually interfere in lid motion when it is opening or closing.
- Be mindful of windy conditions when opening or closing the trunk.
- The anti-pinch function may fail to work if an object is caught right before the trunk is fully closed.
- The lid may start closing before fully opening. Opening or closing the trunk on slopes is more difficult than on level ground. Be mindful of the possibility of the lid to move on its own in such conditions. Before loading or unloading the trunk, make sure the lid is fully open and secure.
- The anti-pinch function may fail depending on object shape. Be careful not to get your fingers or anything else caught.

WARNING

careful not to get your fingers or anything else caught.

Locking/Unlocking with Central Locking

Locking/Unlocking the vehicle withcentral doorlockswitch

Refer to "Driver Door Switch Group"in this chapter.

Locking or unlocking doors automatically

- All doors are automatically locked when the vehicle speed exceeds 8 km/h.
- When theSTART/STOP button is pressed and the power is switched from "ON" to "OFF", all doors are locked automatically.

Locking and unlocking all doors simultaneously

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

REMINDER

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

Emergency Vehicle Locking with Mechanical Key

When the central lock system or smart key fails, the mechanical key can be used for emergency locking or unlocking.

Locking:

1. Take out the mechanical key from the smart key.
2. Open the other three doors except the driver's door, and push the white slider downward for these three doors respectively with the mechanical key teeth in the direction of the arrow, as shown in the figure, to close and lock the door.

3. After locking the other three doors except the driver's door, open the driver's door, lift and hold the door handle, and pull it to the maximum opening angle.
4. Insert the mechanical key into the keyhole, turn it counterclockwise as far as it can go, return it to the initial position and pull it out. (See "Locking/ Unlocking with Mechanical Key" in this Chapter.)
5. Release the door handle and check whether all doors are locked.

Unlocking:

1. Take out the mechanical key from the smart key.
2. Lift and hold the door handle and pull it to the maximum opening angle.
3. Insert the mechanical key into the door lock hole, apply a certain force to rotate the key clockwise to the maximum angle, and then reset the key to the initial position and pull it out.
4. Release the door handle, and pull it again to open the driver's door.
5. After entering the vehicle, operate the inner handle twice to unlock the other three doors except the driver's door.

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.

Entry function

Use the smart key to unlock or lock the vehicle doors (for details, please refer to "Vehicle locking/unlocking/locating with smart key"and "Locking/Unlocking with Microswitch").

Start-up Function

With the smart key inside, press the brake pedal and the START/STOP button to start the vehicle. (Refer to “Starting the Vehicle".)

Antenna Position

① Interior detection antenna

② Exterior detection antenna

Activation area

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

① The entry function activation area is about 1 m away from the door handles on both sides and the external boot lid release button.

② The start function activation area is located in the compartment.

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

REMINDER

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

- 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 communication device, such as a two-way radio or mobile phone.
- The smart key is in contact with or covered by a metal object.
- The door handle is operated too quickly.
- The smart key is too close to the handle.
- Another wireless remote control function is being used nearby.
- The battery runs out.
- The smart key is close to highvoltage equipment or equipment that produces noise.
- The smart key is being carried along with another smart key or radio-wave-emitting device.
- Even in the activation area, the smart key may not work normally in some positions (e.g., on the dashboard, in the glove box, or on the floor).

- If the PEPS system does not work normally, and you cannot enter the vehicle, the mechanical key concealed in the smart key can be used to unlock and lock the driver's door, or the wireless remote control function can be used to unlock and lock all doors.
- Possible causes for the failure of the normal start function when the "START/STOP" button is pressed:
  - If the smart key does not work,the smart key warning light on the instrument cluster goes on, and the information display screen on the instrument cluster displays a prompt

about the low SOC of the key battery, the battery SOC of the key may have run out.

- Start the drive motor repeatedly in a short time. Wait for 10s before starting the vehicle.

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

Saving battery SOC

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

Child Protection Lock

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

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

CAUTION

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

Seats

Instructions for Seats

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

not place baggage higher than the seat backrest.

WARNING

- Do not sit on the upper part of the folded seat backrest or on the goods. Otherwise, people may be seriously injured due to improper sitting on the seat or improper fastening of the seat belt in case of emergency braking or collision.
- Do not place objects under the seat to avoid affecting the seat locking mechanism or accidentally pushing the seat position adjustment lever upward, resulting in sudden movement of the seat and loss of control of the vehicle by the driver.
- When adjusting the seat, do not put your hands under the seat or near the operating parts to avoid injuries.
- After adjusting the seat backrest, lean back to confirm that it is locked. If not fully locked, personal injury may be caused in case of an accident or sudden braking.
- Do not lay down the seat backrest when the vehicle is moving. As the upper shoulder strap of the seat belt cannot be properly attached to the body, in case of an accident, the driver and passengers may hit the shoulder strap, causing serious injuries to the neck or other parts, or slide out of the lap portion, causing serious injuries.
- During driving, no one is allowed to sit in the boot area or on the folded seat. Using these areas without proper protective

WARNING

measures may cause serious injuries in case of an accident or sudden braking.

- Never adjust the seat while driving, to avoid losing control of the vehicle.
- Do not drive the vehicle until the passengers are properly seated.
- Before laying the rear seats down, check the positions of the rear headrests and the front seats, to avoid interference among the rear seats, the front seats and central passage.

REMINDER

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

REMINDER

measure the cushion width as a whole row of seats.

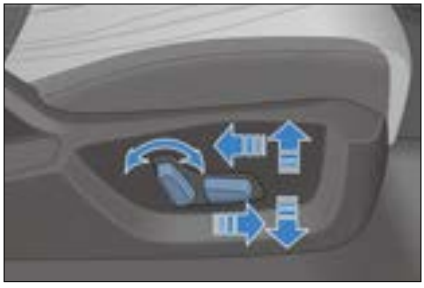
Adjusting Front Seats

Electrical Front Seat Adjustment*

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

Seat position adjustment switch

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



Seatback angle adjustment switch

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

REMINDER

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

Heating and Ventilation System*

The user can slide down the state bar on the top of the infotainment touchscreen to open the Quick interface and turn on or off the seat heating and ventilation system.

Heating system adjustment

- Seat heating: To control the heating modes, the user operates the seat heating switch on the infotainment touchscreen. The heating function includes: high-temperature mode and low-temperature mode.
  - The initial state of the heating indicator is off after power-on.
  - When the switch is pressed for the first time, the seat heater works in the high-temperature mode, and the two heating indicators light up.
  - When the switch is pressed for the second time, the seat heating pad works in the low-temperature mode, the first indicator lights up, and the second indicator goes out.
  - When the switch is pressed for the third time, the heating function is turned off and both indicators go out.

Ventilation system regulation

- Seat ventilation: To control the working mode of the ventilation fan, the user operates the seat ventilation switch on the infotainment touchscreen. The seat ventilation includes: high-speed ventilation and low-speed ventilation.

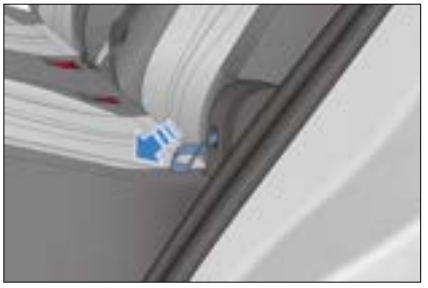
- The initial state of the ventilation indicator is off after power-on.
- When the switch is pressed for the first time, the seat ventilation fan works at a high speed, and two ventilation indicators light up.
- When the switch is pressed for the second time, the seat ventilation fan works at a low speed, the first indicator lights up, and the second indicator goes out.
- When the switch is pressed for the third time, the ventilation function is turned off and both indicators go out.

Ventilation and heating functions cannot be turned on simultaneously

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

Folding Rear Seats

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



REMINDER

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

Rear Seat Head Supports

1. Lifting

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

2. Lowering

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

3. Removal

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

4. Installation

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

REMINDER

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

Steering Wheel

Adjusting the Steering Wheel

Manual Adjustment of Steering Wheel

To adjust the angle or axial position of the steering wheel, hold it and perform the following operations:

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

WARNING

- Do not adjust the steering wheel when the vehicle is running. Otherwise, misoperation of the vehicle may be caused, resulting in an accident.
- After adjusting the steering wheel, move it up and down to confirm that it is firmly locked.

Steering assist mode setting

- The hand feeling of steering assist differs among people, and different users have different evaluations and demands on the feeling.
- Choose Comfort or Sport mode via →Vehicle Settings→Smart Chassis.

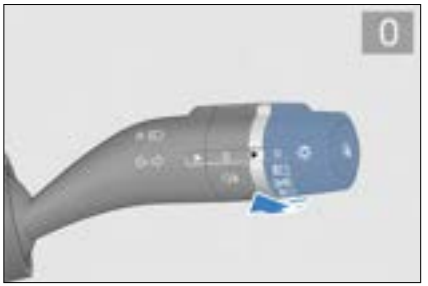
REMINDER

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

Switches

Light Switch

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

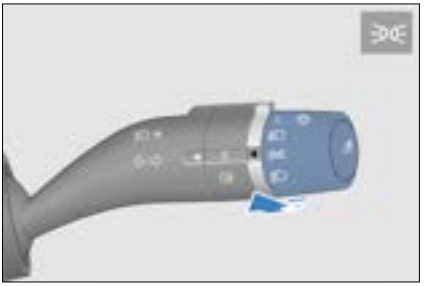


Auto Lights

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

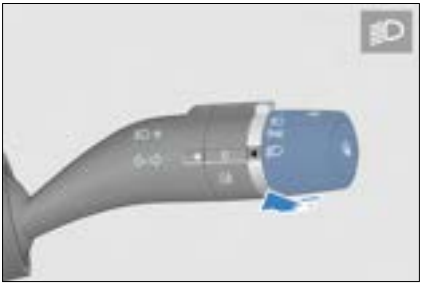
Clearance Light

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



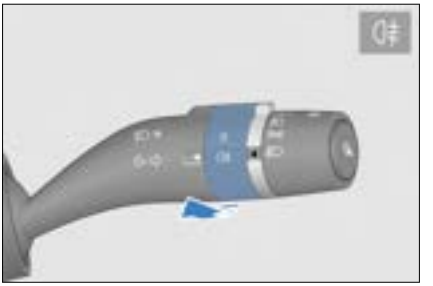
Low Beam

Rotate this knob to to turn on the low beams.



Rear Fog Light

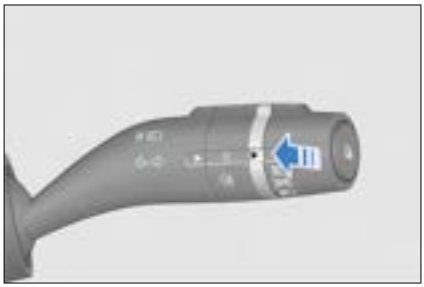
Rotate this knob to and rotate the fog light knob to to turn on the rear fog lights.



Overtaking Light

Press the light switch lever (toward the steering wheel) to light up overtaking lights. Release it, and the lever resets

automatically and overtaking lights go out.

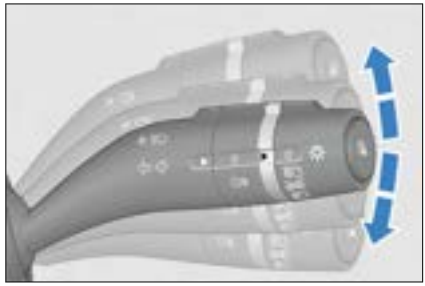


High Beam

When this knob is rotated to , turn the switch away from the steering wheel to turn on high beams, and then turn it again to turn off high beams.

Turn Signal

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



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

Auto off

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

function is disabled, and the light knob can be operated normally.

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

"Follow me home" function

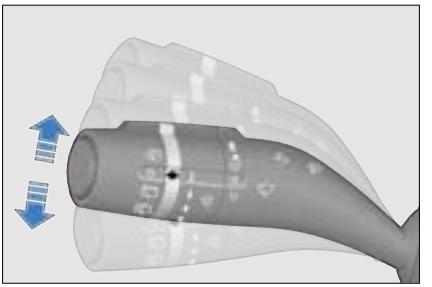
- Follow me home:
  - The user can go to the "Follow me home delay" setting interface via the Infotainment → Vehicle settings → Light & ambient to set the time of follow me home. The default time is 10 s. When the light switch is rotated to the , or position, and the owner powers off the vehicle, locks the four doors, and tries to leave the vehicle, the corresponding lights continue to light up for 10 s (or a set time) to provide the lighting source.
- Follow me home:
  - The user can go to the "Follow me home delay" setting interface via the Infotainment → Vehicle settings → Light & ambient to set the time of follow me home. The default time is 10 s. When the light switch is rotated to the , or position, and the owner unlocks the vehicle and tries to get close to it, the corresponding lights continue to light up for 10 s (or a set time) to provide the lighting source.

CAUTION

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

Wiper Switch

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



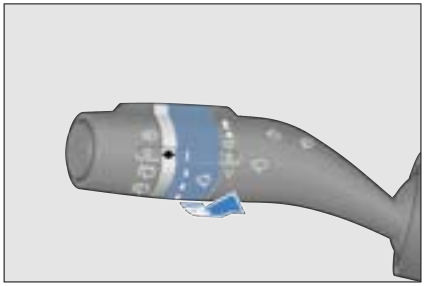
- To select the level, move the lever upward or downward.
- At low- and high- speed modes, the wiper operates continuously.
- To let wipers work in the spot-wiping mode " ", pull the lever from the " 0 " position. In this mode, the front windshield wipers operate at a low speed until the lever is released.

Automatic wiper/Intermittent mode

- The rain sensor automatically controls the operation mode of wipers based on the rainfall, and it is located in front

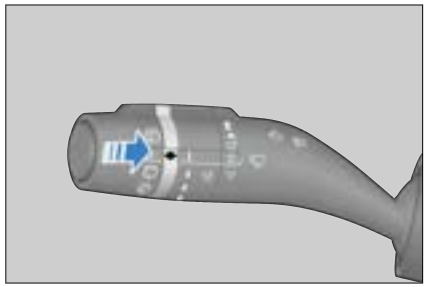
of the interior rearview mirror on the front windshield inside the vehicle.

- To activate the automatic wiper function, turn the switch to the automatic wiper mode, and enable the function with the "Automatic Wiper" button via → Vehicle Settings → Greeting from the infotainment touchscreen.
- To activate the wiper intermittent mode, turn the switch to the automatic wiper mode, and disable the automatic wiper function with the "Automatic Wiper" button via → Vehicle Settings → Greeting from the touchscreen.
- The automatic wiper function has four sensitivity levels. The higher the lever, the higher the sensitivity. When using the automatic wiper function, change the sensitivity by adjusting the toggle based on real-time rain conditions. If the wiper reacts to rain too quickly, reduce the sensitivity; if the wiper reacts to rain too slowly, increase the sensitivity.



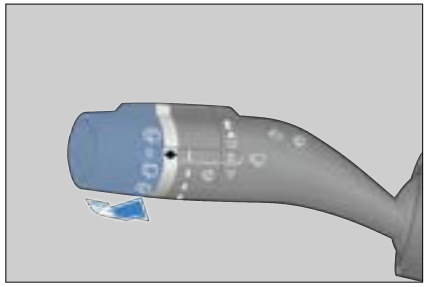
Front Windshield Washer

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

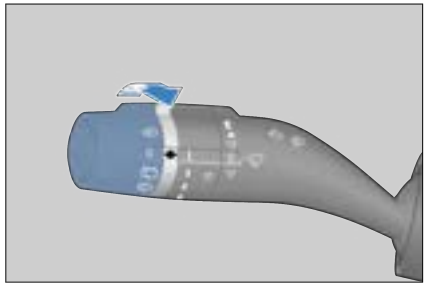


Rear Windshield Wiper and Washer

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



- Rotate this knob to and release. The wiper operates twice after washing fluid has been sprayed.



REMINDER

- Check the wiper blade regularly to remove the dirt on it.
- If the wiper is turned on as soon as it rains, rainwater mixing with sand and dust will not clean the windshield, but cause a blurred vision in an instant, affecting driving safety.
- Use cleaning agent for glass. The use of water or other types of detergent may cause damage to the washer motor.
- If the boot lid is opened or not fully closed, the wiper switch fails to control the rear wiper. After the boot lid is closed, the rear wiper function returns to normal.

Driver's Door Switches

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

Power Window Switch

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

Automatic operation (If the Anti-pinch Function equipped)

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

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

Manual Rolling

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

Window Anti-pinch*

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

Anti-pinch function initialization*

- If the constant power of low-voltage battery is disconnected during the window motion, the automatic window lifting function and anti-pinch function fail, and the indicator flashes. The initialization shall be performed as follows:
  - Pull up and hold the window control switch to make the glass rise to the top and stall at the position for 0.5 s.
  - When the one-touch rolling up function is used, if the glass runs near the upper window frame sealing

strip and is subject to certain resistance, it undergoes anti-pinch reverse movement.

CAUTION

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

Window Lock Button

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

Central Locking

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

①Locking

Press the central lock button to lock all doors. Once doors are locked, the button indicator goes on.

②Unlocking

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

External Rearview Mirror Adjustment Button

Selection button

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

Adjustment button

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

Electric external rearview mirror folding button

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

REMINDER

- If external rearview mirrors are frozen, use a jet deicer to clean the mirror surfaces instead of operating the controller or scraping their surfaces.

Odometer Toggle

Odometer Toggle Switch

- Press the "ODO/TRIP" button to switch ODO -- TRIP A -- TRIP B -- HEV TRIP -- EV TRIP -- ODO. The instrument cluster simultaneously displays all corresponding mileages.
- Press and hold TRIP A and TRIP B to reset the mileage to zero.

Headlight Adjustment

Headlight adjustment switch

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

Hazard Warning Light

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

Steering Wheel Switch Group

Steering Wheel Switch Group

Left buttons

Cruise switch* 

- Turning on or off the cruise control system.

+/RES

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

-/SET

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

Distance - 

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

Distance + 

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

Intelligent Cruise Control (ICC) button

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

REMINDER

- See detailed information about ACC in Adaptive cruise control* in Chapter 4.

Custom button 

- If the custom button is not customized, press this button to activate the default function: rotating the infotainment touchscreen. Press and hold this button to display the customization interface. Customized functions include rotating the infotainment touchscreen, photo-taking with vehicle data recorder* and locking*.
- If the custom button has been customized to a certain function, press this button to activate the function, and press and hold this button to display the customization interface to customize again or cancel customization.

Panoramic view 

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

Right buttons

Roller 

Infotainment

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

Instrument cluster

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

Left/Right buttons 

Infotainment

- In radio mode:
  - Press ◁ to play the previous radio station.
  - Press ▷ to play the next radio station.
- In USB/Bluetooth music/third-party music APP and other modes:

- Press ◁ to play the previous track (track number -1).
- Press ◁ to select the previous entry in the Bluetooth Call History and Contacts interfaces.
- Press ▷ to play the next track (track number +1).
- Press ▷ to select the next entry in the Bluetooth Call History and Contacts interfaces.

Instrument cluster

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

Phone button 

- Press to make/receive a call. (The infotainment system is muted after pressing this button.)
- When the system is in a Bluetooth unrelated interface and Bluetooth is disconnected, press this button for the system to skip to the Bluetooth Connected interface. If Bluetooth is connected, press this button for the system to skip to the main dialing interface.
- When a number is input in the dialing interface, or an entry from the Call History or Contacts is selected, press this button to start dialing.
- While under the main dialing interface with Bluetooth connected and no number input, press this button for the system to directly skip to the Outgoing Calls interface under the Call History interface. Press it again for the system to automatically call the first entry in the Outgoing Calls interface.

Voice recognition 

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

Instrument cluster menu/return button 

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

MODE button

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

Horn 

Press the pad to sound the horn.

REMINDER

- Please observe traffic regulations and use the horn reasonably.

CAUTION

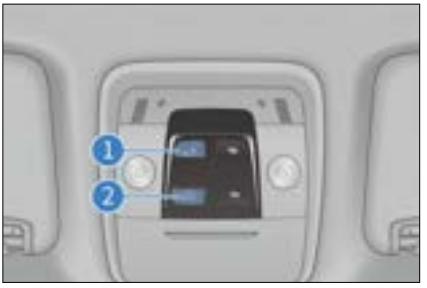
- Do not press the pad for a long time, or the horn can be easily damaged.

Sunroof Switch

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

Opening the Sunroof

- Press and hold the sunroof open button ① to manually open the sunroof. Release the button to stop the sunroof at its current position.
- Press the sunroof open button ① and release immediately to tilt the sunroof for ventilation. Press it again to automatically open the sunroof to the two-thirds position. Press it again to fully open the sunroof. Press button ① or button ② midway to stop the sunroof at its current position.



Closing the sunroof

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

Opening the sunshade

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

Closing the sunshade

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

CAUTION

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

Sunshade linkage function

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

Anti-pinch Function

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

WARNING

- When operating power windows, ensure all occupants are not at risk of being pinched by windows, or severe injuries may be caused.
- To avoid serious or even life-threatening injuries, make sure no one extends any body part out of the sunroof when the vehicle is running.

CAUTION

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

Initialization

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

1. Press and hold the sunroof closing switch to make the sunroof move to the fully closed position and stall for 400ms, and then the sunroof initialization is completed.
2. After the sunroof has been initialized and is fully closed, press and hold the sunshade closing switch to make the sunshade run to the fully closed position and stall for 400ms, and then the sunshade initialization is completed.

CAUTION

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

Interior Lights

Front/side interior lights

- Front Interior Lights

- Side Interior Lights

When the vehicle power is not OFF and the "DOOR" switch is turned on, if this switch is pressed with the door open, the interior light switches from high to low light, and does not go out. When the vehicle is powered off and the "DOOR" switch is turned on, the light goes out after a period of time if the door is opened. If there are other operations during the period, it is timed again. (The

user can slide down the status bar on the top of the infotainment touchscreen to open the Quick interface and turn on or off the "DOOR" switch)

Ambient Lights

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

04 USING AND DRIVING

Charging/ Discharging Instructions

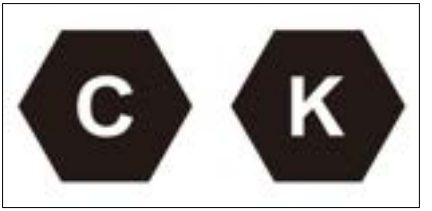
Charging Instructions

Charging Safety Warnings

- Never allow juveniles to touch or use the charging equipment, and always keep them away during charging, as the charging equipment is a high-voltage electrical appliance.
- If you use any medical electronic device, such as a transplantable cardiac pacemaker or transplantable cardiac vascular defibrillator, check with the manufacturer of the medical electronic device for the impact of charging on the electronic device before charging, so as to prevent the charging from affecting the electronic medical device and causing serious personal injury.
- Charge the vehicle in a safe environment (away from liquid, fire, or heat sources).
- Before charging, ensure that the vehicle charging port, power supply socket, and charger connector are free of foreign matters such as water, and ensure that the metal terminals are not damaged or affected by rust or corrosion. Otherwise, please do not charge the vehicle.
- Use only certified charging equipment specifically designed for electric vehicles and consistent with local standards:
  - Do not modify, disassemble, or repair the charging equipment and ports to avoid charging failure and fire.
  - Uncertified products are strictly prohibited.
- To reduce the risk of electric shock and personal injury, never operate the equipment with wet hands and touch the exposed metal of the charging port or charging base.
- Do not conduct vehicle repairs during charging.
- During AC charging, please keep the DC charging port protection cover closed.
- Always observe the following charging precautions to prevent damage to the vehicle:
  - Do not touch the metal connection of the charging port, charger, or plug.
  - Do not shake the charger.
  - Do not charge or touch the vehicle in thunderstorm weather. Lightning strikes may cause damage to the charging equipment and personal injuries.
- Always unplug the charging and discharging equipment and close the charging port hatch before driving.

Compatiblity of Vehicle and Charging Infrastructure

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



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

Charging Precautions

- AC and DC charging* can be carried out in any power supply position. To ensure safety, it is recommended to power off the vehicle before charging. The vehicle can not be powered OK during charging.
- To prevent the charging port cover from malfunction, do not open and close the cover repeatedly. It is recommanded that the time interval to open and close the cover is over 1 second.
- When the external power supply is cut off for a short time and then recovered again, BYD charging equipment automatically restarts charging, without the need for reconnecting.
- If the charging port hatch and charger are frozen, do not forcibly open the charging port hatch or pull out the charger.
- Precautions for avoiding damages to charging equipment:
  - Before starting the vehicle, make sure that the charging device is disconnected, as the charging device locking mechanism can cause damage to the charging device and the vehicle if the charging connector is not inserted in place and the vehicle is driven with the transmission gear engaged.
  - Do not close the charging port hatch when the charging port protection cover is open.
  - Do not pull or twist the charging cable with force.
  - Do not hit the charging equipment, and prevent mechanical damage due to falling or collision.
  - Do not store or use the charging equipment at a temperature above 55°C.
  - Do not expose the charging equipment to heat.
- Precautions before charging:
  - When the charging port hatch is locked, do not force it open.
  - Ensure that there are no foreign objects in the charger and charging port, and the electric shock protection cap of the charger terminal is not loose or deformed.
  - Hold the charger, aim it at the charging port and push it in. Check to ensure it is properly inserted.
- Precautions during charging:
  - The A/C can be used as normal while the vehicle is being charged. To ensure the charging power, it is recommended not to turn on the A/C.
  - It is recommended that no one stay in the vehicle during charging.
  - It is recommended to park the vehicle in a ventilated area during charging.Do not block the air intake grille.
  - It is normal that the charging power may fluctuate a short time as displayed on the instrument cluster when the battery is heated during charging.
  - During charging, the expected remaining time for a full charge is displayed on the instrument cluster. The remaining time for a full charge may vary depending on such different conditions as temperature, SOC, and charging facilities.
  - During charging, battery cooling may start, and the compressor, fan and other components work when

necessary. It is normal that there will be some noise under the hood.

- Before charging is completed, battery equalization is activated to improve the service life, which may prolong the charging time.
- During DC charging*, it is recommended to charge the battery to 80%~90%, and full charging is ok if time permits.

- Precautions after Charging:
  - Stop charging first and make sure the charge port is unlocked.
  - Remove the charging connector.
  - Do not forcibly pull out the charger when the charging port is locked for fear of damaging the charging port.
  - After the charger is unplugged, reinsert the charging port protection cover and close the port hatch to prevent water or foreign matters that may affect the normal use.
- Battery temperatures that are too low or too high can compromised vehicle charging performance.
  - In the case of low-temperature charging, battery thermal management can improve the lowtemperature charging ability, but the charging time is prolonged and the heating power consumption is increased.These are normal phenomenons.
  - In cold regions, it is recommended to charge the vehicle indoors with heating.
  - In hot regions, it is recommended to charge the vehicle in a cool and ventilated place.
- Recommendations for improving the driving experience:
  - Charge the vehicle immediately when the SOC bar on the instrument cluster reaches the red area, for it indicates that the high-voltage battery is about to run out and failure to do so reduces the battery life.
  - To improve your experience, it is recommended that you charge the vehicle immediately after using it, as the battery is relatively hot and has better charging performance.
  - If the vehicle will not be used for a long time, it is recommended to charge it once a month at least.

General Charging Troubleshooting

Fault state	Possible causes	Solutions
Charging unavailable, with physical connection completed and charging started	Charging card in arrears or charging pile fault	Inquire about the charging card fees or contact station staff for solutions.
	Improper connection of AC charging adapter	Confirm whether the charger switch is released, and ensure the proper charger plug length and connection position of the charging equipment.
	Over-discharge of 12V battery	Connect the plug with a 12V power supplied from other vehicles. After the vehicle is started, the 12V battery starts to be charged.

Fault state	Possible causes	Solutions
	Standard 230V 50Hz 10A grounded socket is de-energized	Confirm whether the overload protection of the power supply has been triggered. Please use another outlet.
	Fault of vehicle or AC charging adapter	If powertrain fault warning light on the instrument cluster is on or charging system fault message is displayed, stop charging immediately and contact a BYD authorized dealer or service provider.
	The highvoltage battery temperature is too low or too high	Allow the high-voltage battery to be heated or cooled before charging, place the vehicle at an appropriate temperature, and charge the vehicle after the temperature is normal.
	High-voltage battery fully charged	Charging is stopped automatically when the high-voltage battery is fully charged.
Charging interrupted	Charging cables not fully connected	Confirm whether the charging cable is firmly connected.
	Charging adapter switch pressed	Charging is stopped when the charging adapter switch is pressed and reconnect the adapter to start charging.
	Power failure	After the power supply is restored within a certain period of time, it is necessary to reconnect the charging adapter to start charging.
	High-voltage battery overtemperature	After the charging stops automatically, charge the battery after it cools down.
	Vehicle or charging pile fault	Check if there is any charging pile or vehicle fault prompt, and contact a BYD authorized dealer or service provider if necessary.

Charging

- **Inspection before Charging**
  - Ensure that there are no abnormalities with the power supply equipment, charger, charging port, adapter, etc., such as cable wear, port rust, shell rupture or foreign substances in the port.
  - Do not charge the vehicle when the metal terminal of the power plug/outlet or the charger/charging port is damaged or loosely connected due to rust, corrosion or ablation.
  - When there is obvious staining or moisture on the charger/charging port and the power plug/outlet, please wipe it with a dry, clean cloth

to ensure that the joint is dry and clean.

- In case of any situation above, do not perform the charging operation, or it may cause a short circuit or electric shock, resulting in personal injury.

- When charging in rain, please protect the charging device from water ingress.

Household Portable AC Charging

1. **Equipment descriptions**

- It consists of a power plug(complying with local standards), charger, plug/charger protection cover, a connecting cable and function box, referred to as on-board charging. The power plug is connected to the standard household power socket, and the AC charger is connected to the AC charging port of the vehicle.

- The power socket shall be a household socket conforming to relevant national standards to avoid circuit damage and tripping caused by high-power charging, so as not to affect the normal use of other equipment.
- The use of special AC circuit and power supply socket (230V, 10A) is recommended.
- Charging time: refer to the charging time prompt on the instrument cluster.

WARNING

- The maximum service temperature: 50°C, and store the product in a cool and dry place when it is not in use.
- When charging, do not place the equipment in the trunk, under the front of the vehicle, or near the tires.
- When using the equipment, prevent it from getting rolled over by the vehicle, dropped, or trampled on.
- Never drop the equipment or move it by pulling it directly by the cable. Take caution when moving the equipment.
- Additional wires or adapters/connectors are not recommended.
- Do not use the charging equipment when the household power socket cable gets softened and the charger is damaged, like worn cables and broken insulating layers.
- Do not use the equipment when the charging connector or power socket experiences a breakage, crack or other exposed damage.
- Do not coil the charging cable during charging, or the heat dissipation is adversely affected.

- Please contact a BYD authorized service provider and select an appropriate power supply as required for the charging equipment.
- Grounding instructions for charging equipment: The equipment must be well grounded. The equipment is provided with a GND wire connecting the GND point of the equipment and the power plug. The power plug must

be matched with a properly-installed and well-grounded power outlet.

- When charging with an on-board charger, please activate the anti-theft alarm.

CAUTION

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

2. **Charging Instructions**

- Unlock the vehicle and open the charging port cover.
- Open the charge port cover:
  - Unlock the vehicle and press the charging port cover to open it automatically.

- Open the upper cover of the charging port protection cover and keep the lower cover closed.

- Connect the power supply port:
  - Insert the on-board charger plug into the household power outlet; then, the power indicator (red) of the charger functional box will stay on.

- Connect the vehicle charging port
  - Insert the on-board charger into the charging port and lock it securely.
  - Once the charger is connected properly, the charging connection indicator on the instrument cluster goes on. The charging indicator of the on-board charger will flash (green).

- In the charging process, relevant charging parameters and charging animation will be displayed on the instrument.

3. **Instructions for Stopping Charging**

- Stop charging:
  - When the vehicle is fully charged, charging stops automatically.

- To stop charging in advance, go to the next step.

- Disconnect the charger from the charging port:
  - If the charging port anti-theft lock on the PAD is deactivated, the charger can be pulled after full-charged. When it is not full-charged, press the unlock button on the key or press the microswitch on the door handle (when the key is nearby). Pull out the charger, and disconnect the power supply outlet.
  - If the charging port anti-theft lock on the PAD is activated, whether the vehicle is fully charged or not, press the unlock button on the key or press the microswitch on the door handle (when the key is nearby). Pull out the charger, and disconnect the power supply outlet.

REMINDER

- To unlock the vehicle, press the unlocking button on the key (during charging in the OFF gear) or the microswitch on the door handle (when the key is nearby).
- When the charging port anti-theft lock is activated, please unlock the vehicle first to unlock this anti-theft lock, and then pull the charger out within 30s, or the antitheft lock will re-lock.

REMINDER

- The working mode of the charging port anti-theft lock can be set through the infotainment system. See “Control Function of Charging Port Electric Lock” in this chapter for the setting process.
- If the charging connector cannot be removed after unlocking, try a few more unlocking attempts. If that does not work, try emergency unlocking. For the operating procedure, see "Charging Port Emergency Unlocking" in "Control Function of Charging Port Electric Lock” for details..

- Disconnect the power plug.
- Close the vehicle charging port protective cover and charging port cap.
- Place the on-board charger into a bag in the boot for proper storage.

Charging with AC Charging Piles

1. **Equipment descriptions**

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

2. **Charging Instructions**

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

Instant charging method:

- Before charging, power off the vehicle.

- Unlock the vehicle and open the charge port door and cap:
  - For the specific operation, refer to the relevant procedures for Household Portable AC Charging. Open the charging port hatch first and open the charging port protection cover from the top down.

- Connect the vehicle charging port:
  - Connect the charging connector of the charging pile to the charge port, and lock it securely in place.
- Operate the charging equipment to start charging.
- The charging connection indicator on the instrument cluster lights up.
- In the charging process, the instrument cluster displays relevant charging parameters and the charging sign.

3. **Stopping charging**

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

REMINDER

- During charging at a high/low temperature, it is normal that the battery thermal management performance may be affected by the A/C in the passenger compartment, causing an extension in the charging time.

CAUTION

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

WARNING

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

Smart Charging

- The charging mode of the vehicle can be set through the infotainment touchscreen or intelligent voice assistant:
  - Go to the setting interface through the Smart Charging APP in the infotainment application list.
  - Go to the "Smart Charging" setting interface through (infotainment system) → New Energy;

- Go to the setting interface by calling "Hi, BYD. Turn on the Smart Charging"; "Hi, BYD. I want to use the Smart Charging"; and "Hi, BYD. Please turn on the Smart Charging".

- Exit the Smart Charging screen by tapping the return key ⮌ /home key ⌂ or using intelligent voice:

  - Exit the setting interface by calling "Hi, BYD. Turn off the Smart Charging"; "Hi, BYD. Exit the Smart Charging mode".

Setting Page

①Settings

② Reservation charging

③ Charging start time

④ Repeat cycle

⑤ Charging waiting time

- The factory setting mode is the Instant Charging, so Reservation Charging is turned off.
- To activate the Reservation Charging, tap the Reservation Charging ① ON, set the Start time ② of charging and Period ③, and tap "OK" to save the settings.
- After successful setting of the Reservation Charging, a prompt of the charging start time is given by the infotainment system if the charger is connected or the power button is pressed within the charging waiting time to power off the vehicle; at this time, you can switch to Instant Charging as needed.
- Tap the Smart Charging icon ① to turn off the "Plug in charger" reminder and "Power off" reminder in the "Reservation Charging Reminder".

REMINDER

- The instant charging on PAD is effective only for current preset. To cancel all presets, please turn off the preset charging switch on the setting interface.
- The smart charging function is only applicable to the BYD AC charging pile. If it needs to be applied to public charging facilities, please confirm that the facilities support vehicle-end reservations.
- When the battery level is low, the vehicle is charged at the minimum level before the reservation, during which the multimedia may still display the "Power off" reminder and "Plug in charger" reminder, and the corresponding prompt appears in the lower part of the instrument cluster.

CAUTION

- The smart charging (including Reservation Charging) function is only developed for AC slow charging equipment distributed by BYD. When using AC slow charging equipment not certified by BYD, this function shall be turned off; otherwise, the charging equipment may not respond, resulting in failure to reservation or immediate charging, resulting in power

CAUTION

shortage of the vehicle and low battery.

Charge Port Anti-theft Lock

The charging port of the vehicle has an anti-theft function to prevent theft. This function is deactivated by default. To activate the anti-theft lock function, go to (infotainment system) → New Energy → Charging Port Anti-theft Lock Settings and select Activate.

- In the Activate/Deactivate/Smart mode, users can unlock and unplug the charger in the following ways during charging:
  - Press the unlock button on the smart key when the vehicle is powered off.
  - Press the microswitch next to the exterior door handle of the driver's door.
  - Press the central door lock below the window inside the driver's door.
  - If the vehicle is fully charged, the charger is automatically unlocked (only in Smart mode).

No.	Electric Lock Anti-theft Mode Status	Four-door anti-theft lock state	Whether the vehicle is fully charged	Whether the charger can be unplugged
1	Activated	Locking	/	No
2	Activated	Unlocked	/	Yes
3	Deactivated	Locking	/	Yes
4	Deactivated	Unlocked	/	Yes
3	Smart	Locking	Yes	Yes
			No	No
4	Smart	Unlocked	/	Yes

- Unlock the charger during charging, the instrument shows reminder meaning that the electrical lock of AC charger is unlocked and the charging power is limited. The charging power is 0kW in this situation. Wait for 30s or lock manually to continue charging process.

CAUTION

- After unlocking the charger, it can be pulled out within 30 seconds. After 30 seconds, it will lock again.
- When the vehicle is fully charged after locking, the charging port anti-theft lock is automatically unlocked in the "Deactivated" mode, and must be manually unlocked in the "Activated" mode using the above methods.

REMINDER

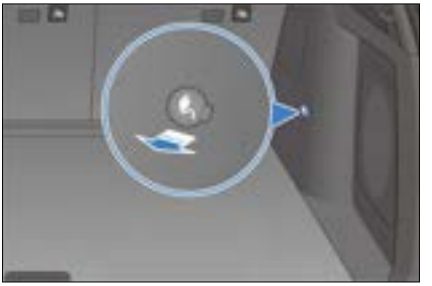
- If any abnormality or failure of the function is found, contact a BYD authorized dealer or service provider.

Emergency Unlocking

- When the electric lock fails and the charger cannot be unplugged, try to unplug it by manually unlocking the charge port.
- When the charging port hatch cannot be opened in case of failure of the actuator or low-voltage battery, try to open the charging port hatch by manual emergency unlocking.

Electric Lock Cable of Charger:

1. Open the boot lid and find the lock cable on the right shield inside the boot.
2. Unbuckle the cable clip and pull up the lock cable to unlock the charger.
3. Reset the cable clip after unlocking.



Charging Port Cover Emergency Unlocking*

1. Remove the shield from the trunk.
2. Manually push the actuator unlocking tab down.
3. Press the charging port cover to unlock.

REMINDER

- If any abnormality or failure of the function is found, contact a BYD authorized dealer or service provider.

SOC Balance Function

- When the vehicle runs in dual modes, the SOC balance function is available to reserve power for such operations as rapid acceleration. When the vehicle runs stably, the SOC fluctuates around the setting value.

- The vehicle controller can memorize the SOC setting value set last time.

CAUTION

- When the vehicle runs stably at a certain speed after the engine startup, a part of the torque output by the engine drives the generator to generate electricity and charge the power battery.
- If the difference between the current power and the SOC set value is large, it may take a long time to reach the set value.
- The SOC setting range may change depending on the vehicle state or the environment that the vehicle is in.

SOC Setting

- The State of Charge(SOC)means the state that the user expects the vehicle to reach during driving. Pull down the status bar on the top of the infotainment or go to (infotainment system) → New Energy → Energy Manager for SOC settings.
- Set SOC to the target remaining power
  - If it is convenient to charge the vehicle at the destination, it is recommended to lower the SOC set value to make full use of the stored electric energy to drive the vehicle and save fuel consumption.
  - If it is inconvenient to charge the vehicle at the destination, it is recommended to increase the set value to maintain the battery SOC level of the vehicle and improve the driving experience.
  - In order to ensure the proper driving and riding experience, the vehicle automatically adjusts the SOC set value according to the altitude and ambient temperature.
- Intelligent /forced power protection function setting
  - Intelligent SOC hold: give priority to fuel economy and consider the demand for SOC hold.
  - Compulsory SOC hold: give priority to SOC hold, and keep the SOC level as close as possible to the set value.

Energy Feedback Intensity Setting

Go to the (infotainment system) → New Energy → Energy Manager to choose Standard or High mode of Energy feedback intensity according to driving habits.

- If the mode is not set by the user, the factory default setting is always maintained.
- The set value is memorized and becomes the default value after each power-on.

In-Situ Power Generation Function

When the SOC is lower than a certain value during parking, the engine drives the alternator to charge the high-voltage battery. During power generation, it is normal that the engine speed is different from the normal idle speed. The in-situ power generation is disabled until the SOC is equal to or higher than a certain value.

REMINDER

- During the in-situ power generation, the instrument cluster may show a slightly lower generated power due to the consumption of electrical appliances.

Mode Memory Function

1. In the case of high SOC, the vehicle is automatically switched to EV mode when it is powered on. Driving in this mode is highly recommended.
2. In the case of moderate SOC, the vehicle memorizes the last driving mode when it is powered on. The driver can manually select the required mode through the mode switch now.

Power Generation by Pressing the Accelerator Pedal

- With the vehicle in P gear and HEV mode, when SOC is lower than a certain value, press the accelerator pedal to trigger the power generation function.

Discharging Instructions

- The vehicle supports the Vehicle To Load (VTOL) function.

WARNING

- Do not touch the metal terminals of the discharging strip and the vehicle charging port during discharging.
- Stop the discharging device in case of abnormality such as odor and smoke during discharging. For discharge safety warnings, see ***P90***.
- Store the product in a cool and dry place when it is not in use.
- To prevent the charging equipment from being rolled over by the vehicle, falling, and being trampled during discharging, do not place the equipment under the boot and the vehicle's front end or near the tires.

WARNING

- Never drop the equipment or move it by pulling it directly by the cable.
- Do not use the discharging equipment when the discharging device, cable, or power strip is worn, the insulation layer is broken, or there is any other damage.

REMINDER

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

CAUTION

- Disconnect the discharging equipment refers to ***P91***.
- Before VTOL discharging, ensure that the load is turned off.
- During VTOL, the engine is started when the battery level is low. Please do not use the VTOL function in a confined space or any other place adjacent to flammables and explosives.
- When VTOL discharges externally, it will turn off when the allowable discharge power is exceeded. At this time, please reduce the power of the equipment,

CAUTION

and plug/unplug the discharging equipment again.

VTOL Method

1. Equipment Description:

- Vehicle to Load (VTOL)： It consists of a discharger, socket, cable, and discharger protection cover.

2. Discharging Instructions

- Before discharging, deactivate the anti-theft function.
- Unlock the charging port hatch switch, and open the charging port hatch and protection cover.
  - For the specific operation, refer to the relevant procedures for "Household Portable AC Charging".
- Inspection before discharging:
  - Make sure that the VTOL adapter is free of any abnormalities such as shell rupture, cable wear, and plug rust.
  - Make sure that the charging port is free of water or foreign matters, and that the metal terminals are not damaged or affected by rust or corrosion. In case of any situation above, do not perform the discharging operation, or it may cause a short circuit or electric shock, resulting in personal injury.
- Connect the VTOL equipment:
  - Connect the VTOL discharger into the charging port reliably.
- Start discharging:
  - Press the switch on the discharging outlet and wait for a few seconds. If the outlet indicator (red) stays on, the outlet can be used.
  - After the connection is made, discharge begins and respective information is displayed on the instrument cluster.

3. Discharging Duration Setting Instructions

- After the vehicle is connected to the discharger, the VTOL function is automatically activated. At the same time, the countdown can be observed on the instrument cluster and the infotainment touchscreen. The default duration of single discharging on the infotainment touchscreen is 5 hours.
- To set VTOL, go to (infotainment system) → New Energy → Discharging Settings.
  - After the vehicle is connected to the discharger, tap the Vehicle To Load button to turn it on or off as needed.

- When the vehicle is powered off and discharged to a low SOC, tap the "Start the engine to generate electricity when the power is too low" switch to enable the function if it is necessary to start the engine for continuous discharging.

REMINDER

- When the vehicle is powered ON and discharged to a low SOC, the vehicle automatically starts the engine for power generation without setting.

- Tap Settings on the Infotainment interface to switch to the discharging duration settings to set the required discharging duration.

CAUTION

- The discharging function cannot be enabled when the discharger is not connected. Tapping the "VTOL" button makes it go on for a while and then go off, which is normal.
- When the discharging is started, if the power of the vehicle is too low and the engine cannot be started for power generation or the discharging time is set too long, the vehicle cannot guarantee that it can discharge according to the set time, so the external discharging function will

CAUTION

be turned off in advance, which is normal.

4. Instructions for Stopping Discharging

- Stop discharging:
  - Press the switch on the discharging outlet.
  - The following steps are only operated in an emergency (not recommended).
- Disconnect the discharging equipment:
  - Press the unlock button on the key or the microswitch on the door handle (when the key is nearby), and pull out the discharging connector.
- Close the charge port cap and the port door (see***P94***).
- Put the equipment in order:
  - After discharging, put the VTOL equipment into the bag in the trunk.

Battery

High-Voltage Battery

- The high-voltage battery is one of the power sources of the vehicle, which is located under the floor and can be recharged repeatedly. The high-voltage battery can be charged through the external power supply by means of household portable AC charging, AC charging pile charging, and also by the motor when the vehicle is being braked, coasting or the engine is started.

CAUTION

- Since the high-voltage battery is installed in the underbody, please drive carefully on rough roads.

REMINDER

- When the vehicle is powered ON, the high-voltage circuit is connected.
- When the high-voltage battery of a new vehicle is in a normal state, the driving range of the vehicle in pure electric mode varies due to different driving habits, road conditions, and temperatures as well as the use of power-consuming devices or not.
- In order to prolong the service life and ensure the safety of the battery, the battery system switches the charging mode to the trickle charging mode when the battery SOC is high, and the charging time may be lengthened.
- Due to the chemical characteristics of the battery itself, the battery capacity of the vehicle that has been used for a period of time has natural attenuation, and its pure electric range will be reduced. When the driving range of your vehicle in pure electric mode is shortened, go to a BYD authorized dealer or service provider for checking. The store-side inspection can confirm whether the reduction of electric mileage is normal.

High-voltage Battery Maintenance

- To keep the battery at its best, charge it fully with a AC charging adapter on a regular basis (at least once a week).
- When the vehicle is not to be used for more than 7 days, it is recommended to keep the SOC between 40% and 60%, so as to prolong its service life. When the vehicle is not to be used for more than 3 months, it must be charged to 100% and then discharged to 40%~60% SOC, so as to avoid battery performance worsening or even damage.

High-voltage Battery Heating Function in Low Temperature

- In a low-temperature environment, the high-voltage battery heating system starts up and heats the battery to speed up the low-temperature charging and ensure the power performance and driving range of the vehicle.

REMINDER

- The normal operating temperature of the high-voltage battery is within -35-60°C.
- Higher or lower operating temperatures of the high-voltage battery may prolong the charging time.

CAUTION

- In case of any fault of the high-voltage battery, please contact a BYD authorized dealer or service provider.

WARNING

- Non-professionals are not allowed to open the power battery pack. Units or individuals will bear corresponding responsibilities for environmental pollution or safety accidents caused by unauthorized

WARNING

removal and disassembly of batteries.

High-Voltage Battery Recycling

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

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

WARNING

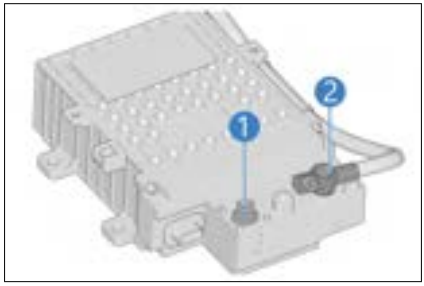
- New energy car owners have the responsibility and obligation to hand over waste high-voltage batteries to the recycling service outlet. Anyone who hands over a used high-voltage battery to any other organization or individual, or removes/disassembles a high-voltage battery without authorization, shall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

Low-voltage Battery (12V)

- The low-voltage battery used in this vehicle is a BYD self-developed lithium iron phosphate battery, referred to as the 12V battery. The 12V battery features a smart charging function. When the high-voltage battery SOC is sufficient, the vehicle can enable the high-voltage battery to charge the 12V battery, so as to extend the endurance of the 12V battery.

① Positive pole

② Negative pole



REMINDER

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

Wakeup Function after Power Loss of the Vehicle

Wakeup by the front right door microswitch:

- The 12V battery features the dormant/wakeup function. After long-term parking, if the vehicle locating and unlocking cannot be realized with the smart key, the 12V battery may be in a dormant state. Then, press the microswitch on the front right door handle to wake up the 12V battery. After the vehicle is unlocked, it can be used normally.

Wakeup by Jump Start:

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

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

② Negative terminal for the jump start

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

CAUTION

- The operation space of the front compartment distribution box is limited, and there are certain circuit safety risks at the same time. It is recommended to carry out the operation under the guidance of professionals.

WARNING

- It is strictly prohibited to connect the vehicle with other vehicles for a jump start when its OK indicator is off; otherwise, the 12V battery may be damaged.
- When it is necessary to use a jump start for starting in case of low 12V battery SOC or failure of normal use, please read this part of the Owner's Manual carefully and strictly follow the relevant instructions.
- The 12V battery contains an intelligent control module. Do not disassemble or damage the battery without permission in non-emergency situations.
- Please disconnect the negative terminal of the 12V battery before replacing the parts and repairing and checking the vehicle.
- Do not clean the 12V battery with liquid to avoid ingress of liquid into the battery.

Smart Charging Function

- Low 12V battery SOC triggers the smart charging function to extend the battery endurance.
- In case of low high-voltage battery SOC, the vehicle may start the engine for power generation to enable the smart charging function.

- The vehicle supports the smart charging function, so it is unnecessary to disconnect the negative terminal of the 12V battery in case of long-term parking.

CAUTION

- Low 12V battery SOC triggers the smart charging function, resulting in a decrease of the high-voltage battery SOC or the driving range in pure electric mode displayed on the instrument cluster, which is normal.
- After the vehicle is locked, a small amount of fuel will be consumed and a small amount of exhaust gas will be discharged when the high-voltage battery is low enough to trigger the engine power generation function.

Usage Guidelines

Break-in Period

- If the powertrain is difficult to start or stops rotating frequently, check the vehicle immediately.
- In case of any abnormal noise in the powertrain, pull over the vehicle for inspection.
- In case of serious coolant and lubricating oil leakage in the powertrain, pull over the vehicle for inspection.
- Break-in is required for the powertrain. It is recommended to carry out it for the first 2,000 km in "ECO" mode, drive smoothly, and avoid high-speed driving. The following precautions can effectively extend the service life of the vehicle:
  - Avoid pressing the accelerator pedal when starting and driving the vehicle.
  - Avoid overspeeding during driving.
  - Avoid emergency braking within the first 300 km.
  - Do not drive at a single speed for a long time.
  - The use of HEV in the running-in period shall not be less than 50%.

Trailer Towing*

Towing Precautions

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

Item	2WD	4WD
Towing capacity (braked) [kg]	750	1300

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

- For towing a trailer, adjust the tire pressure to accommodate additional loads. Keep tires inflated to 270 kPa.
- Please observe applicable local laws and regulations regarding towing. For driving safety, avoid speeding and overloading.
- For towing, the technically permissible maximum mass on the rear axle may be exceeded by no more than 15% and the technically permissible laden mass of the vehicle may be exceeded by no more than 100 kg. In these instances, the vehicle speed cannot exceed 100 km/h and the rear tire pressure must be at least 20 kPa above the tire pressure recommended for normal use.
- Towing other vehicles will have an adverse impact on the vehicle, including maneuverability, performance, braking, endurance, economic driving or power consumption.
- BYD does not assume any responsibility for injuries or vehicle damage caused by violation of requirements of vehicle towing instruction. Vehicle damages caused by towing or overloading are not covered under warranty.
- Contact a BYD authorized dealer or service provider for a detailed vehicle towing function instruction.

Fuel

Fuel Selection

- The use of correct fuel is the basis for realizing the best performance of the engine, and also the key to controlling emissions and protecting relevant components.
- Please use 95# and above unleaded gasoline with a required ethanol content of E10 and below.

CAUTION

- Do not use leaded gasoline. The use of leaded gasoline leads to the failure of the three-way catalytic converter and the malfunction of the control device for exhaust pollution, as well as the increase in maintenance costs.
- The engine damage or excessive emission caused by the use of improper fuel is not covered by the warranty.
- The use of low-grade or inferior gasoline reduces the service life of the engine.

Refueling

1. The fuel filler hatch is located on the left side of the vehicle, so park the vehicle with its left side close to the fuel pump.

2. Press the refueling button. The instrument shows pressure releasing and reminds that please refuel after 2s. Then press the fuel filler hatch to open it.

3. Open the fuel filler hatch, and rotate the fuel tank cap counterclockwise to remove it. You may hear a "hiss" sound due to the release of pressure in the fuel tank.

- Connect the fuel tank cap to the fuel filler hatch with a tether to prevent inadvertent loss of the cap. While refueling, place the fuel tank cap on the bracket of the fuel filler hatch.

4. After refueling, screw up the fuel tank cap clockwise and then close the fuel filler hatch.

5. If the fuel filler cap has been left open for a long time and you need to refuel, close the fuel filler cap, then press the fuel filler button and follow the step ② to refuel.

REMINDER

Since the fuel is flammable and combustible, pay attention to the following matters during refueling:

- Turn off the engine and keep it away from heat, sparks and open flames.
- It is recommended to fill fuel outdoors.
- Immediately wipe up spilled fuel.
- Do not smoke during fuel filling, so as to prevent sparks or open flames, which are easy to cause combustion.
- Do not remove the fuel filler cap immediately after it is opened. In hot weather, if the fuel tank cap is suddenly removed, personal injury may be caused by the ejection of fuel under pressure from the filler.
- Stop filling after the filler nozzle is automatically cut off. Do not overfill the fuel tank, so as to leave some space for fuel expansion due to the temperature change.

REMINDER

- Check whether the fuel filler cap is tightened and whether the fuel filler hatch is closed in time after refueling.

Saving Fuel and Extending Vehicle Service Life

- Following easy operations should be taken for extending the service life of the vehicle and saving fuel and repair costs: The followings are some tips for saving fuel and repair costs:
  - Constant speeds save fuel. Sudden acceleration, sharp turning, and emergency braking consume more fuel.
  - Keep a constant speed according to traffic conditions. Each deceleration or acceleration of the vehicle consumes additional fuel.
  - Use cruise control under proper driving conditions.
  - The use of the A/C brings additional load to the engine, resulting in large fuel consumption. Turn off the A/C as far as possible. In nice weather, it is recommended to use the fresh air mode for ventilation.
  - Maintain proper tire pressure. Insufficient tire pressure causes tire wear and fuel waste.
  - Do not load unnecessary weight on the vehicle. Excessive weight brings additional load to the engine, resulting in large fuel consumption.
  - When the engine is in a cold state, do not run at a high speed or drive with the acceleration pedal pressed to a deep position immediately after starting, so as to prevent damage to the engine.
  - Avoid continuous acceleration and deceleration. Frequent stop and start cause fuel waste.
  - Avoid unnecessary parking or braking. Maintain a stable speed and observe traffic lights to minimize the number of stops. When driving on the road without traffic lights, keep a proper driving distance from the vehicle ahead to avoid emergency braking, which may also reduce the brake wear.
  - Do not drive on roads with heavy traffic or traffic jams as much as possible.
  - Do not always put your foot on the brake pedal if unnecessary, because this may cause premature wear, overheating, and consumption of a large amount of fuel.
  - Maintain a proper speed when driving on highways. Higher vehicle speed consumes more fuel. Keep the vehicle speed within the economical range of speed.
  - Keep the front wheels properly aligned. Avoid collision with curbstones and drive slowly on rough roads. An inaccurate front wheel alignment causes excessive tire wear and increases the engine load and fuel consumption.
  - Keep the chassis clean and free of mud. This not only reduces the weight of the vehicle body, but also prevents corrosion.
  - Adjust the vehicle to keep it at its best. Such conditions as dirty air filters, much carbon deposit in spark plugs, dirty, deteriorated or viscous engine oil and lubricating oil, and unadjusted brakes worsen the engine performance and waste

fuel. Regular maintenance must be carried out to ensure a long service life of all components and reduce operating costs. If the vehicle is often driven under severe conditions, the maintenance interval shall be shortened.

REMINDER

- Never coast in "N" while driving.

Carrying Luggage

- This vehicle features several different spaces for convenient storage of articles.
- The glovebox, side glovebox, and seat back file pockets are designed to store small and light items, while the boot is used to store larger and heavier items.
- Too much baggage or improper loading may affect the performance, stability, and normal running of the vehicle and reduce vehicle safety.
- For loading baggage, the total mass of the vehicle body, all passengers, and baggage shall not exceed the maximum allowable mass.
- Therefore, please read the following contents before loading baggage.

WARNING

- Overloading and improper loading affect the maneuverability and stability of the vehicle, and may even result in collision accidents.
- Observe the total load limits and other loading guidelines in this Manual.
- Do not carry articles with strong magnetism to avoid interference

WARNING

with the normal running of the vehicle.

Loading Articles in the Passenger Areas

- Properly place or fix all articles to prevent them from getting loose and hurting passengers in the vehicle in case of collision.
- Make sure that the articles placed on the floor behind the front seats do not roll under the seat, so as not to affect the driver to operate the pedal or normal adjustment of the seat. Do not stack the articles higher than the backrests of the front seats.
- During driving, always keep the glovebox closed. If the glovebox is open, knees of passengers may be injured in case of collision or emergency braking.

REMINDER

- Do not pile up children's toys in the vehicle. Such toys may affect the driving safety, and induce a hazard to the occupants, especially in case of emergency braking or collision.

Loading the Trunk

- Place the baggage evenly in the boot, and put the heaviest baggage at the front bottom as far as possible.
- Secure the articles with ropes or chains to make sure they do not move during driving. Do not stack the articles higher than the seat backrests.
- If the boot lid cannot be closed due to the carriage of large articles, the vehicle exhaust may enter the passenger area. To avoid carbon

monoxide poisoning, please refer to Risk of Carbon Monoxide (CO) Poisoning in this Manual.

Roof Rack

- When installing the roof rack, please read and follow the manufacturer's instructions.

CAUTION

- The roof rack of this vehicle is an exterior trim and is not allowed to carry goods and baggage.

Risk of Carbon Monoxide (CO) Poisoning

- The engine exhaust contains CO gas. If the vehicle is properly maintained, CO may not enter inside during normal driving.
- Check the exhaust system for leakage under the following conditions:
  - The exhaust sound is abnormal.
  - The vehicle has been subjected to accidents that may damage the bottom of the vehicle.

WARNING

- CO gas is toxic. Inhalation of CO can result in loss of consciousness and even threat to life. Any enclosed environment and activities that can cause CO poisoning should be avoided.
- High-concentration carbon monoxide gas will quickly concentrate in closed areas, such as garages. Do not start the engine when the garage door is closed. Even if the garage door is open, the running time of the engine should be limited to the extent that the vehicle can be driven out of the garage.
- When the trunk lid is opened, airflow will bring the exhaust into the vehicle, creating a dangerous environment. If the vehicle must be started with the boot lid open, all windows shall be lowered and the interior air control system shall be adjusted according to the following prompts:
  - Select the fresh air mode.
  - Select the "Face level vent and foot level vent" mode.
  - Set the fan speed at "High speed”.

Vehicle Wading into Water

- The depth of water must be ascertained to ensure it will not exceed the lower edge of the vehicle body.
- For driving in water, turn off the A/C before starting the vehicle, engage the low gear, and then keep pressing the accelerator pedal gently to drive over the waterlogged road stretch at a steady and slow speed. Do not release the pedal midway, or the exhaust back pressure is generated to suck water into the engine and causes serious damage.

- Do not park the vehicle in water, or reverse the vehicle and turn off the engine in water.
- After driving through the flooded area, press the brake pedal several times continuously and gently to evaporate the water on the brake disc, so as to restore normal braking performance as soon as possible.
- Drive carefully as driving through deep water may wet the brakes.

WARNING

- If there is any water or mud on the brake disc, it may result in delayed brake reaction and extended braking distance, so attention should be paid to preventing accidents.
- Avoid emergency braking as much as possible after driving through waterlogged road stretches.
- No water ingress into the engine is allowed! If the vehicle is running on a low-lying and waterlogged road, prevent water ingress into the engine; otherwise, the engine may be seriously damaged. The resulting vehicle fault and damage may not be covered by the warranty.
- After the vehicle is driven through the waterlogged road stretches, the transmission system, driving system, electrical system, and other vehicle components may also be seriously damaged. The resulting vehicle fault and damage may not be covered by the warranty.
- In strong convective weather, try your best to charge the vehicle in sheltered places. If the vehicle is soaked or wades in water beyond the door sill, water may ingress into the high-voltage components. In such a case, please contact a BYD authorized dealer or service provider in time for proper detection and handling.
- Do not drive on roads with ponding deeper than half of the tire height.

Impact of water ingress into high-voltage components:

- High-voltage components are electronic devices. After the vehicle is soaked in water, drying the high-voltage components in the sun or air cannot ensure the full evaporation of water.
- Water ingress may also greatly affect the insulation of high-voltage components; at the same time, the conductive substances contained in water may cause internal short circuits of high-voltage components or high-voltage systems. In this case, the safety and service performance of the vehicle may be seriously affected.
- Water ingress into high-voltage components has a great impact on product protection level and withstand voltage performance, which may lead to a great safety risk.

Fire Prevention

To effectively prevent vehicle fires, please take the following precautions:

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

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

- After the accident, contact the insurance company in time for post-accident handling.

REMINDER

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

Starting and Driving

Starting the Vehicle

Correct method for starting the vehicle

- Engage the parking brake firmly.
- Turn off all unnecessary lights and accessories.
- Place the gearshift lever in the P or N position.
- Carry the smart key ①.
- Press the brake pedal ② and START/STOP button ③.

- When the indicator OK on the instrument cluster lights up, it indicates that the vehicle is ready for driving.

Failure to start the vehicle:

- The vehicle cannot be started safely under the following circumstances:
  - When pressing the Start/Stop button, if the smart key system indicator lights up, the vehicle horn makes a sound, and the information display screen of the instrument cluster displays "No key detected", it indicates that the electronic smart key is not in the vehicle or cannot be detected due to interference.
  - Even if the electronic smart key is inside the vehicle, the vehicle may not be started either when the key is on the floor, in the cup holder, in the boot, or in the right glovebox.
- If the quiescent duration of electronic smart key is over 2 min, the vehicle can not be started.

Starting the vehicle in emergencies:

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

REMINDER

- Do not touch the power button while driving.

Driving

- During driving, energy is recovered through the regenerative brake when the vehicle decelerates. However, do not accelerate or decelerate unnecessarily.
- Users can go to the relevant setting page via the touchscreen to select the corresponding energy feedback mode according to their driving habits.
  - 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.
- Users can choose the energy feedback intensity according to their needs when releasing the accelerator to experience different senses of deceleration, and obtain different driving pleasures.
- The set accelerator release energy feedback intensity can be memorized. Even after the vehicle is powered off, the mode set last time remains valid when the vehicle is powered on next time.

REMINDER

- Do not set the energy regeneration intensity when the vehicle is running at a high speed. This may distract the driver and lead to accidents.

- In HEV mode, the engine automatically starts and stops as needed to charge the battery or provide additional power. In some conditions, the engine may start, or stop if it has started.
- Vehicle power is lower at low battery SOC than that at high battery SOC.

Kick-Down function

During driving, when the vehicle is going uphill or it is necessary to accelerate rapidly or press the accelerator deeply, almost fully pressing the accelerator increases the pedal resistance and triggers this function, so that the engine speed increases to provide greater power for the vehicle.

CAUTION

- Higher battery SOC can ensure sufficient discharge power of the power battery, so that the engine can work normally and a better acceleration experience can be obtained.
- Battery fault, generator fault, and engine fault may affect the Kick-Down power output.
- Frequent triggering of the Kick-Down function will cause the battery level of the vehicle to drop rapidly.

Safety inspection before driving

General exterior inspections of vehicle

- Tire: check the tire pressure and carefully check whether there are cuts, damages, or foreign matters on the tread, and whether the tires are abnormally or excessively worn. In case of excessive wear or eccentric wear, drive the vehicle to a BYD authorized dealer or service provider for four-wheel alignment and relevant inspection as soon as possible.
- Wheel nuts: confirm whether nuts are loose or missing.
- Leakage: check underneath the vehicle for leakage of fuel, oil, coolant or other

liquids (except water droplets from A/C condensation) after the vehicle stops for a while.

- Lighting: confirm that headlights, position lights, turn signals, and other lighting facilities all work normally. Check the light intensity of headlights.

General interior inspections of vehicle

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

Inspections inside the hood

- Spare fuses: Verify that spare fuses of all rated charges in the fuse box are available.
- Coolant level: confirm that the coolant level is correct.
- Brake fluid level: confirm that the brake fluid level is correct.
- Low-voltage Battery and cable: check the connector for corrosion or looseness, and check the shell of the battery for cracks.
- Fuel pipe: check the pipe for any fuel leakage and loose connections.

Inspections after vehicle startup

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

Preparation before driving

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

Remote Start

Remote Starting

- Press and hold the start/stop button on the smart key to start the vehicle. After the vehicle is started successfully, the turn signals flash 3 times.
- After the successful start, press and hold the start/stop button on the smart key to shut down the engine and power off the vehicle, and the turn signals flash twice.
- Press and hold the remote start/stop button on the electronic smart key for two seconds. The vehicle powers off, and turn signals flash twice.

Gearshift control panel

Gear positions are marked on the gearshift panel, as indicated by the figure.

- "R": Reverse. Shift to R only after the vehicle stops.
- "N": Neutral. Use it for temporary parking or towing. However, the driver must ensure that the transmission is shifted to P before leaving the vehicle.
- "D": "D": Drive. Use it for normal driving.

- "P": Park. Press the P gear button to park the vehicle. This gear shall be engaged before the vehicle is started or after the vehicle is parked. Start the vehicle and press the brake pedal to shift the lever from P to another position.
- After successful gear shifting, release the gearshift lever, and it automatically returns to the central position.

The transmission can be shifted to D/R only when the ignition is on.

Press the brake pedal to shift out of “P” or to “D” /” R” .

In order to prevent the vehicle from moving unintentionally, please press the "P" button after the vehicle stops steadily. At this time, the electronic parking (EPB) linkage is turned on, and the EPB indicator is on.

CAUTION

- To ensure safety, depress the brake pedal before shifting out of P gear and shifting into R gear.
- To avoid damaging the transmission, press the P gear button only after the vehicle has come to a complete stop.
- After switching to "P" gear, if the EPB indicator is not on, please pull down the convenience bar or turn on through the central control screen → → ADAS → Electrical Park Brake (EPB), and contact the authorized service shop of BYD Auto to check the vehicle.

WARNING

- If the engine or motor is shut down, do not move the vehicle after shifting to the N position to avoid accidents due to insufficient braking force.
- If the engine/motor is running and the vehicle is in R/D, be sure to press the brake pedal to stop the vehicle. Because even under idle conditions, the transmission can still transmit power, and the vehicle may move forward slowly.

WARNING

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

Electric Parking Brake (EPB)

EPB Switch

Make sure that the Electronic Parking Brake (EPB)is engaged when parking and leaving the vehicle.

Manually Engaging the EPB

When the vehicle is not in P and EPB is released, press the brake pedal and engage EPB from the touchscreen. EPB applies appropriate parking force, and (Ⓟ) flashes and then stays on with a text prompt displaying "EPB engaged".

CAUTION

- The (Ⓟ) flashing indicates the EPB is working. If the vehicle is on a slope, do not release the brake pedal to avoid sliding. Release the brake pedal after the indicator (Ⓟ) stays on.

Engaging EPB Automatically

- **Engaging EPB automatically when the ignition is switched off**
  - Switching the power from ON to OFF engages the EPB automatically. The indicator (Ⓟ) on the instrument cluster lights up.
- **Shifting into "P" automatically**
  - Press and hold the brake pedal to stop the vehicle, and shift to P to automatically engage EPB. Do not release the brake pedal until the corresponding indicator on the instrument cluster stops flashing and stays on with a text prompt displaying "EPB engaged".

CAUTION

- Do not release the brake pedal early in the process, especially when the vehicle is stopped on a slope; otherwise, there will be a risk of vehicle sliding to slight extent.
- This function is designed to improve the vehicle safety. Excessive reliance on or frequent use of the function is not recommended. To ensure safety, make sure that the transmission is

CAUTION

shifted to P or the EPB is engaged before leaving the vehicle.

Automatic EPB Release upon Vehicle Start

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

CAUTION

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

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

Releasing function failure

- Release the EPB via PAD→Vehicle Health→Overhaul→EPB trailer mode when P switch fails.
  - If the EPB can be released, drive the vehicle to the nearest BYD authorized dealer or service provider for maintenance as soon as possible.
  - If it still cannot be released, contact a BYD authorized dealer or service provider.

Emergency braking function

- During driving, if the brake is blocked or fails and the ESC system operates normally, the Controller Deceleration Parking (CDP)can be used for emergency braking.
  - Press the P button continuously for more than 2s to forcibly brake the vehicle, and press the brake pedal at the same time to achieve greater deceleration.
  - To stop braking as needed, just release the P gear switch.
  - After the vehicle stops, the EPB remains activated. To start the vehicle again, repeat the operation to release the EPB.
- In order to ensure driving safety, EPB forced braking should be avoided as far as possible during normal driving. Emergency braking may cause vehicle drifting, sideslip or lane departure, resulting in accidents when the vehicle passes through curves, dangerous sections, traffic congestion and other sections or when the vehicle is running in severe weather conditions.

EPB System Indicator

- When the vehicle is powered on, if the EPB is engaged, the indicator Ⓟ on the instrument cluster stays on.
- When the vehicle is powered off, if the EPB is engaged, the indicator Ⓟ on the instrument cluster lights up for a few seconds and then goes out.
- When the vehicle is powered on, the EPB system performs self-inspection. The indicator ⓘ on the instrument

cluster lights up for a few seconds and then goes out. If it does not go out, it indicates that the EPB system may be faulty. Contact a BYD authorized dealer or service provider immediately.

EPB working sound

- When the EPB is engaged or released, the driver may hear the sound of the EPB motor running.
- After the emergency braking function is activated, if burning smell or abnormal noise appears, contact a BYD authorized dealer or service provider immediately.

WARNING

- In order to prevent the vehicle from sliding, the gear must be shifted to "P" gear before leaving the vehicle and confirm that the EPB is on.
- When the vehicle is running, passengers are prohibited from operating the P gear switch to avoid serious accidents.
- When the EPB is being pulled up or released, press the brake pedal as much as possible to prevent the vehicle from sliding and causing gear jamming when the EPB cannot provide sufficient parking force.
- Avoid using the EPB system to stop the vehicle. The emergency braking function can only be activated in case of emergency situations such as pedal brake failure or brake pedal blocked.
- Because EPB cannot exceed the physical limit of road adhesion, using the emergency braking function when passing through curves, dangerous roads, and traffic congestion sections,

WARNING

or driving in severe weather conditions may cause the vehicle to drift, slip or deviate, so attention should be paid to avoid accidents.

Automatic Vehicle Hold (AVH)

AVH Switch

Auto Vehicle Hold (AVH)is used when it is necessary to stop the vehicle and wait for a long time, such as encountering a traffic jam on a slope or waiting at a traffic light. The AVH function is automatically triggered when the brake pedal is pressed to stop the vehicle (vehicle speed decreases to zero) on the premise that the vehicle meets the conditions for AVH standby status.

Press the AVH button to turn AVH on.

CAUTION

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

Preconditions for AVH Standby Status (to be met simultaneously)

With the AVH function activated:

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

CAUTION

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

Conditions for AVH function

- The AVH function is on standby.
- The vehicle is stopped by the control of the brake pedal.
- Press the brake pedal deeply to activate the AVH function. The working indicator turns green.
- After the AVH function operates for 10 min, it automatically requests to engage the EPB and the AVH returns to the standby condition.

CAUTION

- For AVH to be activated, all conditions of automatic parking function must be met.
- Under the condition of AVH activation and standy,when the gear is shifted to “R”,the system automatically enters the slow-moving condition;when the gear is shifted from "R" to "D" or "N", the system maintains the slow-moving condition, in which AVH is deactivated. When the AVH button is pressed or the speed exceeds 10 km/h, it exits the slow-moving condition.

CAUTION

Key Points for Driving

Precautions for Driving

- Drive slowly against the wind to control the vehicle.
- When driving on the road with curbstone, drive slowly and keep the correct angle as far as possible. Avoid driving on objects with high and sharp edges or other road obstacles. Otherwise, the tire may be seriously damaged.
- Slow down when driving on bumpy roads or rough roads. Otherwise, the impact may seriously damage the wheel.
- Washing the vehicle or driving through deep water may wet the brake. Gently press the brake pedal for check after confirming that the surrounding environment is safe. If the braking force is not normal, the brake may be wet. Drive carefully and press the brake pedal gently while pulling up the EPB button.
- During driving, if the "START/STOP" button is pressed for more than 3s, the power output of the vehicle is cut off to realize emergency power-off. At this time, it is recommended to press the hazard warning light button, slide along the roadside, and gradually slow down until the vehicle stops by trying to press the brake pedal, engaging the EPB or hit surrounding obstacles at a low speed, etc.

CAUTION

- Before driving, make sure that EPB is fully released and the EPB indicator is off.
- Do not leave the vehicle when the engine is running.
- Do not keep the foot on the brake pedal all the time during driving. It may cause dangerous heating, wearing, and wasting of fuel.
- Slow down when driving down long steep slopes. and avoid braking too frequently to prevent disc overheating, which affects brake performance.
- Drive with care when accelerating or braking on slick roads. Quick acceleration or sudden braking will cause the vehicle to skid or deviate.
- To avoid traffic accidents or even life-threatening injuries, make sure no one extends any body part out of any window when the vehicle is running. Stay vigilant, especially when any child is in the vehicle.
- Avoid driving through flooded areas as much as possible.
- A large amount of water entering the hood may cause damage to the engine power system and electrical components.

WARNING

- The driver shall ensure the safety of the passengers in the vehicle, guide the passengers to use the vehicle's configured functions correctly, and prevent misoperation of the interior control switches (such as window control) by the children and other passengers in the vehicle.

Winter Driving Precautions

- Confirm that the antifreeze has the correct anti-freezing effect.
  - Use the type of antifreeze compatible with the original vehicle model and suitable for the ambient temperature to fill into the cooling system.
  - Improper antifreeze may damage the cooling system.
- Check the low-voltage battery and cable conditions.
  - Cold weather may reduce the energy of the low-voltage battery. Therefore, the low-voltage battery shall be kept with sufficient power for winter startup.
- Confirm that the viscosity of the oil is suitable for winter driving.
- Avoid the door lock frozen by ice and snow.
  - Spray some deicing agent or glycerin into the door lock hole to prevent icing.
- Use washer fluid containing antifreeze.
  - Such products are available in BYD authorized dealers or service providers and all auto parts stores.
  - The mixing ratio of water and antifreeze shall comply with the manufacturer's instructions.

CAUTION

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

- Avoid accumulation of ice and snow under the mudguard.
  - The accumulation of ice and snow under the mudguard may make steering difficult. When driving in cold winter, pull over the vehicle often to check whether there is ice and snow accumulated under the mudguard.
- It is recommended to carry several necessary emergency tools or items according to different road conditions.
  - It is advisable to have snow chains, window scraper, bags of sand and salt, flashing signal, a shovel and connecting cables in the vehicle.

Engine Cylinder Cleaning

In severe cold areas, failure to start the engine may cause engine cylinder flooding, so it is necessary to carry out cylinder cleaning:

1. When the OK indicator stays on, switch to EV mode, shut down the engine, and then shift to the N gear.
2. Activate EPB on PAD.
3. Press the brake and accelerator pedals to the deepest positions at the same time, and wait for several seconds to activate the cylinder cleaning function.

Driver Assistance

Adaptive Cruise Control (ACC)

- Based on conventional cruise control, the adaptive cruise control (ACC) system is designed to actively control the vehicle' s speed for auto follow-up while cruising. This is done via a front mmWave radar and a multi-purpose camera which detect the vehicle's distance and speed relative to the vehicle ahead. The system switches between regular cruise control and ACC depending on whether there is a vehicle ahead.
- The cruise control button is used to set the cruise speed and the headway between this vehicle and the target vehicle ahead. Cruise control speed can be set within a 30 to 150 km/h (20 to 95 mph) range, or a fixed distance from the vehicle ahead can be set to cruise at speeds between 0 and 150 km/h (0 to 95 mph).

Description of working state

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

- ACC fails and cannot respond any operations. The ACC fault state indicator on the instrument cluster lights up. It is recommended to contact a BYD authorized dealer or service provider.

Preconditions for ACC system activation

- EPB is released.
- The vehicle is in Drive.
- The vehicle does not slide backwards.
- The trunk, hood, and all doors are closed.
- Driver seat belt is fastened.
- The ESC system is on, but not activated yet.
- The vehicle speed is below 150 km/h (95 mph).
- Brake pedal is pressed at speed 0; or brake pedal is not pressed at speeds above 0.
- No vehicle network communication fault prompt is displayed on the instrument cluster.
- The AEB function is not activated.

How to use

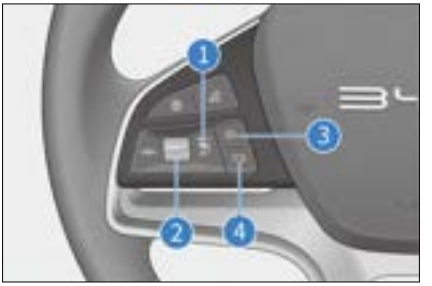
ACC buttons

① Adaptive Cruise Control (ACC)

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

③ Reducing the following distance

④ Increasing the following distance



Activating/Deactivating ACC

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

Resetting ACC

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

Increasing/Decreasing target speed

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

Exiting ACC

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

Setting Following Distance

- The driver is responsible for selecting a safe following distance.
- This ACC system can adjust the vehicle speed to maintain a proper distance

from a target vehicle ahead in the same lane. The following distance (four levels), in direct proportion to the vehicle speed, is adjustable by buttons ③ and ④ on the steering wheel. The higher the vehicle speed, the greater the following distance.

Active Acceleration/Deceleration While ACC Is Activated

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

Follow-to-Stop/Start

- Controlled by ACC, the vehicle can stop when the vehicle ahead stops in normal driving conditions and resume driving automatically following the vehicle ahead if the stop is less than 30 seconds.
- If the stop time is between 30 seconds and 3 minutes, the driver needs to either press the accelerator pedal or pull up the lever ② to activate ACC.
- If the stop time is more than 3 min, ACC automatically enters standby and the EPB switch engages.

System Limit

- The front mmWave radar and multi-purpose camera are positioned in the front area of the vehicle. If their fields of view are obstructed, certain functions may not operate as intended due to interference. If any of these sensors is blocked or covered, ACC directly deactivates and notifies so on the infotainment touchscreen. System function will recover after blockage is removed and the vehicle is restarted or runs for a while.
- Front mmWave radar sensors may have a transient function failure from limited detection if the vehicle runs under special conditions, such as circular ramps or tunnels, for an extended period. The function can be recovered by restarting the vehicle or driving on normal roads for a while.
- Reaching or leaving a curve may delay or disturb target selection. In such cases, the ACC vehicle may not brake as expected or may brake late.
- On roads with sharp curves, such as winding roads, the vehicle ahead may be out of ACC sensor detection for several seconds due to sensor vision limitations, possibly causing the ACC vehicle to accelerate automatically.
- Traffic flow and weather conditions, such as rain and fog, must be heeded for setting vehicle distance on the ACC system. After ACC is properly set, the driver should make sure that the vehicle can be decelerated to a complete stop at any time.
- The ACC system may not be able to identify stationary or slow-moving objects, such as vehicles, the end of traffic, toll booths, bicycles, or pedestrians. This means a risk of collision and requires the driver to beware of the surroundings.
- The ACC system cannot identify pedestrians or oncoming vehicles.
- The ACC system can only achieve limited braking instead of emergency braking.
- Metal objects, such as rail or metal plates used in road construction, may

interfere with front mmWave radars, making it malfunction.

- The front mmWave radar and multi-purpose camera may be affected by vibrations or collisions, resulting in compromised ACC performance. In this case, it is recommended to contact a BYD authorized dealer or service provider.

Precautions

- ACC is a comfort system rather than a safety system, obstacle detector or collision warning system. The driver must keep control of vehicle at all times and be fully responsible for the vehicle.
- ACC assists instead of replacing the role of the driver. The driver is responsible for abiding by traffic rules and keeping vehicle control.
- For safety, ACC cannot be activated when ESC is not turned on.
- The ACC is suitable for use on highways and roads in good conditions, rather than on complex urban or meandering roads.
- It is the driver's responsibility to keep distance from the vehicle ahead. The ACC system's vehicle distance meets the minimum distance required in driving environments in the country.
- Vehicle control is transferred to the driver if the accelerator or brake pedal is pressed with ACC active. As a result, the ACC system cannot keep a safe distance from the vehicle ahead.
- ACC may have no or slow responses to a vehicle ahead that brakes or stops suddenly, resulting in a risk of late braking. In such case, there will be no take over request.
- In some cases, such as when the vehicle ahead is going too slow, when lane change is too fast, or when the safe distance from the vehicle ahead is too short, there is no adequate time for the system to decrease the relative speed. In this case, the driver must response. The system cannot give audio or visual warnings in every case.
- When enabled, ACC may apply braking if a vehicle in an adjacent lane is too close to the vehicle.
- Vehicles coming into the ACC vehicle's lane and within the detection range of its front mmWave radars are identified as target vehicles and prompt a response accordingly, which may lead to hard or late braking.
- Detection may be affected or delayed in some environments. If the radar cross section of the target (a bicycle, four-wheeler, or pedestrian, for example) is too small, the system may not be able to establish its distance, resulting in either late or no response to those vehicles. In such cases, vehicle speed must be controlled by the driver. In addition, detection may also be affected or delayed by noise or electromagnetic interference.
- ACC cannot target vehicles with too small contact ratio, so the driver must keep control of the vehicle.
- When the vehicle stops as it follows a vehicle ahead, in rare cases, the system does not recognize the end of the vehicle ahead but the lower end of the target (for example, the rear axle of a truck with a high chassis or a vehicle bumper). In such cases, the system cannot ensure proper stop distance, so the driver must stay alert and be ready to brake.
- If ACC is activated with the vehicle stationary, the system identifies any stationary obstacle ahead and keeps the vehicle still to ensure a safe startup

and prevent collision. However, this function does not cover all obstacles, so the driver must be alert.

- Changing the vehicle structure, such as lowering the chassis or changing the front license mounting plate, may affect the ACC system.
- Do not use the ACC system when driving on roads with poor visibility, ramps, and multiple curves, or slippery and wet roads with snow, ice, and water gathered.
- ACC cannot be activated when the vehicle is in any special driving mode (Trailer/Snow/Mud/Sand/Mountain mode).
- Make sure to go to a BYD authorized dealer or service provider for professional calibration and checking of front mmWave radars or the multifunctional video controller in any of the following situations:
  - The front mmWave radar, front bumper, front windshield or multi-purpose camera has been removed.
  - Four wheels have been re-aligned due to wheel deviation;
  - A collision happens;
  - ACC system performance has degraded or the instrument cluster has prompted an system error.

WARNING

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

Intelligent Cruise Control (ICC)

- The intelligent cruise control (ICC) system integrates ACC and LCC. It can assist the driver with longitudinal and lateral control at a speed between 0 km/h and 120 km/h. It relieves driver burden and ensures safety and comfort.
- When the function is enabled, the driver must always hold the steering wheel and control the vehicle when necessary.
- ACC maintains the vehicle at a constant speed or at a fixed distance to the vehicle ahead through longitudinal control.

Description of working state

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

ICC Activation Conditions

- EPB is released.
- The vehicle is in Drive.
- The vehicle does not slide backwards.
- The trunk, hood, and all doors are closed.
- Driver seat belt is fastened.
- ESC system is turned on but not activated.
- Vehicle speed is not greater than 120 km/h.
- Brake pedal is pressed at speed 0; or brake pedal is not pressed at speeds above 0.
- 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

- Use the button on the steering wheel to activate or deactivate ICC. (When activated, ICC sets the current vehicle speed as the cruise speed by default. When the current speed is less than 30 km/h, the cruise speed is set to 30 km/h.)
- Refer to the use of ACC (see the previous chapter for details) for setting the cruise speed and following distance.

- Alternatively, use the ICC switch on the infotainment touchscreen to turn on/off ICC by navigating to → ADAS → Intelligent Driving (Note: This switch can only be turned off when the vehicle is in P). When the vehicle is started, this switch defaults to the state before the last power-off.
- When the current speed is between 30 km/h and 120 km/h, press "RES +" or "SET -" to increase or decrease the cruise speed by 5 km/h (holding down for continuous increase/decrease by 5 km/h).

Precautions

- As ICC integrates ACC and LCC, follow precautions for ACC while using ICC (see the previous chapter for details).
- While ICC is activated, ensure that the vehicle is centered in the lane whenever possible.
- When ICC is turned on and activated at vehicle speeds between 0 km/h and 120 km/h:
  - If no lane lines are detected ahead, ICC suppresses its transverse control feature and only engages ACC. The ICC working status indicator on the instrument cluster turns gray.
  - If lane lines ahead are clear and identifiable, ICC automatically activates its transverse control feature. The ICC working status

indicator on the instrument cluster lights up.

- ICC is designed to assist drivers, not replace them. Drivers must therefore always maintain control of the vehicle and never remove their hands from the steering wheel for extended periods of time. Otherwise, the system is deactivated after prompting the driver to take control of the vehicle.
- ICC is affected by the weather, lighting and clarity of lane lines. Performance degrades significantly in situations such as backlighting, sunsets, snow-covered roads, and severely damaged roads.
- Do not use the ICC system on winding roads with sharp turns, icy and slippery bends, or under weather conditions, such as dense fog, heavy rain and heavy snow, liable to hinder the sensing operation of front mmWave radars or the multifunctional video controller.
- ICC cannot be activated when the vehicle is in any special driving mode* (Trailer/Snow/Mud/Sand/Mountain mode).
- ICC cannot be used if:
  - the sensor is blocked;
  - the weather is bad;
  - the active safety function is triggered;
  - The vehicle runs at an excessive speed.

WARNING

- ICC is only for driver assistance. The driver is fully responsible for maintaining driving safety.
- ICC may fail due to factors such as unfavorable weather and road conditions.

WARNING

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

Predictive Emergency Braking (PEB) System

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

How to use

- To enable or disable PCW and AEB, go to → ADAS → Active Safety from the touchscreen. By default, the system is switched on when the vehicle is started.
- PCW has three alarm modes: audible alarm, text alarm and cadence braking alarm.
- When PCW is activated, the instrument cluster displays or depending on the severity of the situation, as well as a text prompt.
- When AEB is triggered, and a prompt message are displayed on the instrument cluster.

- In the event of malfunction, is displayed.
- If you disable AEB manually by pressing buttons, is displayed.

PCW Activation Conditions

All the following conditions should be met to activate PCW:

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

AEB Activation Conditions

All the following conditions should be met to activate AEB:

- This function has been enabled from the touchscreen.
- Vehicle speed is within the 4km/h-150km/h range.
- EPB is released.
- The vehicle is in Drive.
- The vehicle does not slide backwards.
- The trunk, hood, and all doors are closed.
- Driver seat belt is fastened.
- The ESC system is on, but not activated yet.

System limitations

- In the following cases, the predictive emergency braking (PEB) system may be affected or fail to work:
  - The vehicle is running in rain, snow, fog, water, direct sunlight, or greatly varying light.
  - Dirty, hazy, damaged or blocked sensor.
  - Malfunction of front mmWave radars due to interference from other front millimeter-wave radar sources such as strong radar reflection in multi-story parking lots.
- In complex traffic, the system may be unable to properly respond to the following circumstances:
  - Pedestrians or vehicles are entering the sensor detection range fast.
  - Pedestrians are obscured by other objects.
  - The typical profile of pedestrians are indistinguishable from the background.
  - Pedestrians are not detected, due to, for example, coverage by special clothing or other materials.
  - The vehicle travels on a curve with a small turning radius.

Precautions

- The PEB system cannot ensure zero collision. In complex traffic, the system cannot always clearly identify all the vehicles or pedestrians. It may trigger unnecessary warning or braking action for well covers, iron plates or road signs.
- Be sure to drive safely and keep eyes on the surrounding traffic conditions. Under no circumstances shall AEB be used as a substitute for normal braking operation.
- Do not overly rely on the PEB system as this may result in severe injuries or deaths. The system is only an auxiliary safety tool. The driver must always keep a safe distance from vehicles ahead, control the speed, and be ready to brake or steer away when necessary. The driver must keep control of vehicle

at all times and be fully responsible for safe driving.

- The AEB system is activated only when it exceeds certain speeds. Careful driving is always required, because the system may not be triggered correctly.
- When the ESC function is disabled or ESC fault indicatoris on, the AEB system cannot work normally.
- Whenever PEB emits an alarm, the driver must apply the brake based on current traffic conditions or turn the steering wheel to avoid 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.
- In the event of an emergency alarm, the system does not trigger the AEB if the driver has already reacted with awareness (e.g. when the driver turns the steering wheel or presses the accelerator pedal and brake pedal deeply).
- Front mmWave radar sensors may have a transient function failure from limited detection if the vehicle runs under special conditions, such as circular ramps or tunnels, for an extended period. The function can be recovered by restarting the vehicle or driving on normal roads for a while.
- Sometimes the surfaces of front mmWave radars or the multi-purpose camera are dirty or obscured by foreign objects, which can cause the sensor to become blind. At this point you need to clean the dirt and foreign matter.
- As the pedestrian protection function is limited by certain physical conditions, the driver must take timely and effective control of the vehicle under dangerous conditions.
- The system cannot completely protect pedestrians or avoid accidents and severe injuries on its own.
- Under certain complex conditions, such as on winding roads, the pedestrian protection function may trigger unnecessary warning or braking.
- There may also be unnecessary alarm and brake intervention in case of malfunctions in the pedestrian protection system, such as angular misalignment of the radar/multi-function video controller.
- The brake pedal becomes harder when AEB is triggered. A large amount of hydraulic pressure will be required to push the caliper in a short time and there will be a sizzling noise.
- PEBS intervenes only when all doors are closed and the seat belts are fastened. Note that PEBS does not work in any of the following circumstances.
  - Any door is not closed or is opened while the vehicle is in motion.
  - The seat belt is not fastened or it is unfastened when the vehicle is moving.
  - The driver accelerates or decelerates rapidly or turns the steering wheel quickly.
- System performance may be reduced in the following cases:
  - The front bumper is strongly impacted due to an accident or other reasons.
  - Tires are not properly inflated or excessively worn.
  - Non-conforming tires are installed.
  - Snow chains are installed.

- Use of a small spare tire or tire repair kit.

- Make sure to go to a BYD authorized dealer or service provider for professional calibration of the multi-purpose camera in any of the following situations:
  - The front mmWave radar or multi-purpose camera has been removed.
  - The toe-in or rear axle wheel camber has been adjusted during four-wheel alignment.
  - The position of multi-purpose camera change after a collision.
- Do not attempt to test the PEBS with objects such as cartons, iron plates and dummies, because in such cases, the system may not work normally, resulting in accidents.

WARNING

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

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

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

How to use

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

Precautions

- While the system provides assistance in front monitoring, it cannot replace the driver's observation and judgment. The driver must keep control of vehicle at all times and drive properly and is fully responsible for the vehicle.
- When a target vehicle is approaching from the side at a high speed, the FCTA/FCTB system may not be able to provide adequate warning.
- The driver must ensure the normal operation of the system, keeping mmWave radars on both side of the bumper in good condition. For example, dirt, snow, or other obstructions need to be cleared right away.
- In addition, detection may also be affected or delayed by noise or electromagnetic interference.

- Under some circumstances, it will be difficult for the system to assist the driver, and detection may be affected or delayed. Possible circumstances include, but are not limited to:
  - The vehicle coming from the side suddenly changes the lane.
  - The target vehicle is blocked.
  - The radar reflection cross-sectional area is too small (e.g. bicycles, E-bikes, etc.).
  - Bad weather, such as rain and snow.
  - MmWave radars come off, are loosely installed, or are blocked.
  - The vehicle encounters complex metal guardrails or similar road conditions.
- The system does not work when：
  - Targets are outside radar detection range.
  - FCTA/FCTB is switched off.
  - Vehicle is not in D gear.
  - Four doors are open.
  - System initialization has not been complete yet.
  - MmWave radars fail.
  - Vehicles coming from behind are detected too late at sharp turns, slopes, or other settings.
- Influence of vibration or collision on mmWave radar sensor calibration can degrade system performance. Should this occur, contact a BYD authorized dealer or service provider

WARNING

- FCTA and FCTB are only for driver assistance. The driver is fully responsible for maintaining driving safety.

WARNING

- FCTA may fail and FCTB may fail to work or respond promptly due to factors such as unfavorable weather and road conditions.
- Use FCTA and/or FCTB based on your needs along with traffic and road conditions.

High Beam Assist System(HMA)

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

Description of working state

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

Disabling/Enabling the System

- To enable or disable HMA, go to → ADAS → Driver Assistance from the

touchscreen. The system defaults to the previous settings when the vehicle starts.

- With the function enabled, when you set the light switch to the auto lights position, the light meets conditions and vehicle speed exceeds 35 km/h, the system automatically switches between low and high beams based on the current driving environment.

Precautions

- HMA serves as an auxiliary feature for light control. It is recommended to use this function when driving at high speeds. However, AFL cannot completely replace the driver, and the driver shall always be mindful of proactively switching between high and low beams according to applicable road laws and regulations, as well as any changes in the road environment.
- When the vehicle is in a highly dynamic state, such as when ABS or ESC is activated, beam switching is suppressed.
- HMA is disabled when the ambient light is too strong, or when the driver turns on fog lights or turn signals, sets the wipers to high speed, reverses the vehicle, or turns the light switch to a non-Auto position.
- Even if AFL is working after activation, it may experience incorrect triggering or stop working due to inevitable environmental factors and conditions. Therefore, driver control is always necessary. Typical conditions are as follows:
  - The driver's stick operation to switch to the high beam is prioritized.
  - The vehicle is running in extremely unfavorable weather, such as heavy fog, heavy rain, or heavy snow.
  - There are traffic participants with poor lighting (such as pedestrians and bicycles), railways or waterways nearby, or wild animals on the roads.
  - There are highly reflective objects around (e.g., traffic signs on highways, water reflection on the road surface, etc.).
  - The front windshield is dirty, covered in mist, or blocked by stickers or decorations.
- In case there is a collision or the sensor has been reassembled, it is recommended to go to a BYD authorized dealer or service provider for sensor calibration so as to avoid affecting system performance.

WARNING

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

Lane Departure Assist (LDA) System

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

Lane Departure Warning (LDW)

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

an audible alarm, visual alarm, and/or steering wheel vibration.

Lane Departure Prevention (LDP)

- LDP detects lane lines up ahead through a multi-purpose camera. When the vehicle is traveling at a speed within 60 km/h - 150 km/h and the driver unintentionally drifts out of the lane towards the line, LDP activates and turns the steering wheel gently by providing reverse torque through the electric power steering (EPS) system, to prevent the vehicle from moving out of its lane.
- If LDP activates and remains active for over 5 seconds, it emits an alarm (audible and/or visual alarm) at the 5th second, which lasts until LDP deactivates. LDP emits an alarm in the second activation or any further intervention, if it activates twice or more within a continuous period of 180 seconds and the driver does not turn the steering wheel during activation. For the third intervention (and any further ones), alarms are extended by at least 12 seconds. The alarm can be suppressed if the driver takes active intervention, such as making a turn or applying the brake.

How to use

- To activate or deactivate this function, go to → ADAS → Driver Assistance → LDA from the touchscreen.
- There are three LDW modes: audible alarm, steering wheel vibration, and both.
- When LDW or LDP is enabled, the instrument cluster displays .
- When activated, LDW emits an alarm (audible alarm, visual alarm and/or steering wheel vibration), and the corresponding virtual lane line on the instrument cluster turns red.
- When activated, LDP emits an alarm (audible alarm and/or visual alarm). on the cluster flashes twice, and the corresponding virtual lane line turns blue.
- In the event of malfunction, is displayed on the cluster.

System limitations

- The LSS may detect incorrect or no lane lines in complex traffic. The following situations may lead to failure or performance degradation of the system:
  - The visibility is poor in snowy, rainy and foggy days.
  - The front windshield is dirty and foggy or there is an obstruction in front of the multi-function video controller.
  - Glare is caused by direct sunlight, reflections from accumulated water on the road surface, incoming vehicles on the opposite lane, etc.
  - Sudden changes in light, such as when the vehicle is entering or exiting a tunnel
  - Lane lines obscured by tree shadows on roads in direct sunlight in sunny days
  - The boundary lines between the road and the side grass, soil or curb, etc. are unidentifiable.
- The function may be deactived automatically when the vehicle is on the narrow road to avoid the activated fuction from disturbing occupants.

Precautions

- LDWS will be suppressed if the driver turns on the turn signals and changes lanes in the direction indicated by the turn signals.
- LDWS may be suppressed if the vehicle travels over lane lines, or lane lines are unclear, too thin, worn, blurred or covered by dirt/snow.
- LDW may be suppressed if the lane is too wide or too narrow, the number of lanes increases or decreases, lane markings change suddenly on ramps or exits, or in situations of complex line crossings.
- LDW may be suppressed on slopes or winding roads when the vehicle travels too close to the vehicle ahead or the vehicle ahead blocks lane lines.
- LDW may be suppressed when the vehicle jolts, accelerates or decelerates too quickly, or takes a sharp turn.
- The system operation may be affected if the windshield within the visual field of the multi-purpose camera is cracked, if the front windshield glass is dyed or coated in a manner that is not compliant with standards, if any reflective object is placed on the dashboard, or if any other object interferes with camera sight.
- For safety reasons, do not test LDW function on your own. The field of view of the multi-function video controller shall not be blocked by objects or interfered with by strong light. Transient obstruction of vision and bright light disturbance can temporarily deactivate the function, which can recover on its own when the field of vision becomes normal. If it does not, it is recommended to contact a BYD authorized dealer or service provider.
- Disabling LSS is recommended in the following circumstances:
  - Driving in a sporty style
  - Severe weather conditions
  - On uneven roads
- Situations where lane lines may not be identified include, but are not limited to:
  - Unclear lane lines
  - Incomplete lane lines
- Situations that may cause recognition difficulty or late function activation of the multi-purpose camera include, but are not limited to:
  - The multi-purpose camera comes off, is loosely installed, or is blocked.
  - The vehicle is running under extreme weather, such as rain, snow, or smog.
  - The multi-purpose camera is partially or completely blocked.

WARNING

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

Emergency Lane Keeping Assist (ELKA)

The emergency lane keeping assist (ELKA) system detects lane lines up ahead through a multi-purpose camera. It also detects vehicles in adjacent lanes approaching from behind through rear corner mmWave radars. ELKA activates and provides reverse torque through EPS to keep the vehicle travel in the current

lane, when the vehicle, at a speed within 50 km/h - 150 km/h, is about to cross the road shoulder or may collide with an oncoming vehicle or an overtaking vehicle in an adjacent lane because the driver crosses a solid lane line.

How to use

- To activate or deactivate this function, go to → ADAS → Driver Assistance → ELKA from the touchscreen.
- When ELKA activates, the instrument cluster display that flashes.
- When ELKA fails, the cluster displays .
- When ELKA is deactivated manually, the cluster displays .

System limitations

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

Precautions

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

WARNING

- ELKA is only for driver assistance. The driver is fully responsible for maintaining driving safety.

WARNING

- ELKA may fail due to factors such as unfavorable weather and road conditions.
- Use ELKA based on your needs along with traffic and road conditions.

Blind Spot Assist (BSA)

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

Blind Spot Detection (BSD)

- The alarm indicator on the corresponding external mirror lights up, when the vehicle is traveling at a speed within 15 km/h - 150 km/h and rear corner mmWave radars either detect an adjacent vehicle in the driver's blind spot, or a vehicle quickly approaching from an adjacent lane. If the turn signal for the same side is turned on at this moment, the alarm indicator on the side mirror flashes to alert the driver of a risky lane change.

Rear Cross Traffic Alert (RCTA)

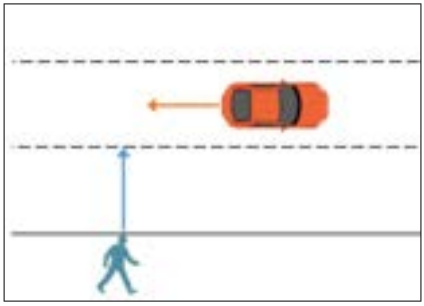
- When the vehicle is reversing at a speed no more than 15 km/h, the RCTA system detects the vehicles traveling in the blind spot at the back through rear corner mmWave radars. After judging that a vehicle approaching from behind poses a risk of collision, RCTA activates external mirror alarm indicators to flash and emits an audible alarm, so as to warn the driver, reducing the possibility of collision.

Rear Cross Traffic Brake (RCTB)

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

Function instructions

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



Rear Collision Warning (RCW)

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

Door Open Warning (DOW)

- DOW is realized with rear corner mmWave radars installed on both sides of the rear bumper. When the vehicle is stationary with doors unlocked, the system keeps indicators on side mirrors solid on to warn the driver if moving objects, such as bicycles or automobiles, approach from behind on an adjacent lane. When the driver attempts to open the door, the alarm indicator on the corresponding external mirror flashes, and an audible alarm is also emitted.

How to use

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

When the blind spot assist system is disabled, no relevant indicators are displayed on the cluster.

When the blind spot assist system is standing by, if vehicle conditions, such as speed or gear status, do not meet the requirements of any function, is displayed on the instrument cluster and blind spot assist will not be activated.

If the blind spot assist system malfunctions, is displayed.

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

System limitations

- Under some circumstances, it will be difficult for the system to assist the driver, and detection may be affected or delayed. Possible circumstances include, but are not limited to:
  - The vehicle approaching from behind changes its lane at the last moment.
  - Vehicles coming from behind are detected too late at sharp turns, slopes, or other settings.
  - The target vehicle is blocked.

- A vehicle behind is running at a speed exceeding 80 km/h relative to the vehicle.
- The turning radius is too small, or the vehicle is running in/out of a curve.
- Bad weather, such as rain and snow.
- Rear corner mmWave radar(s) come off, are loosely installed, or are blocked.
- The vehicle encounters certain metal guardrails or similar road conditions.
- Targets that may not be responded include, but are not limited to, pedestrians and animals.
- The environment contains electromagnetic interference or other influences.

- The calibration of rear corner mmWave radars may be affected by vibration or collision, resulting in compromised BSA performance. If this is detected, contact a BYD authorized dealer or service provider.

Precautions

While the BSA system provides assistance in monitoring blind spots of rearview mirrors, it cannot replace the driver's observation and judgment. The driver must keep control of vehicle at all times and drive properly and is fully responsible for the vehicle.

BSD may fail to adequately exert the warning function when the target vehicle is approaching from behind very fast.

The driver shall ensure that BSA can operate normally, keep the environment of rear corner mmWave radars in good condition, and timely clear any obstructions such as dirt or snow.

BSD activates an alarm when irrelevant targets at the rear sides of or behind the vehicle (e.g., large roadside repair signs, large roadside billboards, reflectors in tunnels and other objects with high radar cross sections) are mistakenly detected as target vehicles.

WARNING

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

Traffic Sign Recognition (TSR) System

The traffic sign recognition (TSR) system recognizes speed limit signs through the multi-purpose camera and map*. It displays relevant speed limit signs of the current road on the instrument cluster and emits visual and/or audible alarms when the vehicle speed exceeds the detected speed limit (intelligent speed limit information (ISLI)).

How to use

- To enable or disable TSR, go to → ADAS → Driver Assistance → TSR from the touchscreen.
- When TSR recognizes the current traffic sign, the instrument cluster displays  .
- When TSR is unsure whether the speed limit value currently recognized is suitable for the current road

environment, the cluster displays  .

- When TSR experiences reduced performance, the cluster displays  .
- When TSR experiences reduced performance and is unsure whether the speed limit value currently recognized is suitable for the current road environment, the cluster displays  .
- If the TSR system malfunctions, The cluster displays  .
- When TSR is disabled manually, the cluster displays  .
- The specific numbers displayed in the indicators depend on the actual traffic signs.
- TSR features a power-off memory function. When the vehicle is powered on again, TSR restores the speed limit state and value before the last power-off.

Precautions

- The traffic sign recognition system can identify speed limit signs only, and will not control speed. The control over the vehicle always vests in the driver. Please drive properly.
- If a weight limit sign is not standardized and does not meet the size requirements specified by the state, it may be misidentified as a speed limit sign by TSR.
- If a speed limit sign is unclear or distorted, inclined, reflective, partly blocked or covered, the camera may be unable to recognize the sign completely or clearly.
- The performance of TSR is influenced by weather, illumination level, and visual quality of road signs. Conditions such as night, backlighting, sunset, rain, fog, haze, snow and ice cover, surface dust, and sudden changes in brightness may result in reduced recognition capability or failure to recognize the speed limit signs.
- When a collision occurs on the vehicle or the camera sensor is reassembled, it is recommended to contact a BYD authorized service provider to calibrate the sensor to avoid affecting the performance of the system.

WARNING

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

Intelligent Speed Limit Control (ISLC)

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

How to use

- To enable or disable ISLC, go to → ADAS → Driver Assistance → TSR → ISLC from the touchscreen.
- When the TSR system is disabled, the ISLC switch is grayed out and unusable. ISLC is turned off at this time. The ISLC switch will be usable after the TSR system is enabled again.
- ISLC can be activated provided that ACC is active.

Precautions

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

WARNING

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

Driver Attention Warning system

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

How to Use

With the vehicle powered on, set the warning in → Driving Assist → Driver Attention Warning (DAW). For safety considerations, the setting is valid on the current trip only, and will revert to the default mode on the next trip.

CAUTION

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

WARNING

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

Child Presence Detection (CPD)

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

Disabling/Enabling the System

- For setting, go to "Child Presence Detection" via → ADAS → Driver Assistance from the touchscreen.
- Three options are provided: **OFF**, **ON**, and **Delay**.
- CPD is enabled by default when the vehicle is powered on, but the driver can manually disable it or delay the activation of "alarm and intervention" measures. Tap Delay to extend the alarm (for five minutes) in this trip.

System Response

- If life presence is detected after the vehicle is powered down and locked, the initial alarm (light flashing and honking) starts within 10 seconds and will last for about six seconds.
- If life presence is detected after the vehicle is powered down and doors are closed (without locking the vehicle) , the initial alarm (light flashing and honking) starts within 10 seconds and will last for about six seconds.
- If not canceled, the alarm (light flashing and honking) escalates within 90 seconds and will last for about 25 minutes.
- The A/C will be switched on three minutes after alarm escalation if it is not canceled, and will keep running for about 30 minutes.

CAUTION

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

WARNING

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

Icons and pop-ups

Vehicle Status Light	Pop-up window	Meaning
		Deactivating Child Presence Detection
		Child Presence Detection (CPD System fault

Acoustic Vehicle Alerting System (AVAS)

AVAS means that a warning sound is made to pedestrians in the vicinity of the vehicle when the vehicle is traveling at a low speed.

- During driving forward:
  - When the vehicle speed is above 0 km/h but does not exceed 20 km/h, the warning sound increases with the increase in speed.
  - If the vehicle speed is above 20 km/h but does not exceed 30 km/h, the warning sound decreases with the increase in speed.

- If the vehicle speed is above 30 km/h, the warning sound stops automatically.
- When the vehicle is reversing, a continuous warning sound is given out.

How to use

To turn on or off the engine sound simulator, slide down the top status bar on the infotainment screen to display the shortcut page. The system is on by default when the vehicle leaves the factory.

The acoustic vehicle alerting system can be set via → Vehicle Settings → Smart Reminder from the touchscreen.

WARNING

- The AVAS can only be turned off when pedestrians are unlikely to approach the vehicle (for example, in a traffic jam or on an expressway). The system must be turned on whenever pedestrians are likely to be around the vehicle.
- If the vehicle is running at low speed with AVAS turned off, it is unable to alert pedestrians to the vehicle approaching, decreasing vehicle safety.
- If the AVAS prompt sound cannot be heard when driving at a low speed, stop the vehicle in a relatively safe and quiet place, open a window, then drive in R gear and check whether you can hear an audible prompt from the front of the vehicle. If it is confirmed that there is no sound,

WARNING

contact a BYD authorized dealer or service provider to deal with it.

Panoramic View System

When the vehicle is powered up, the driver can access the panoramic view by pressing the panorama button on the steering wheel, or by tapping the vehicle image button on the display. When the R gear is engaged, the panoramic view is displayed automatically.

- Landscape mode:
- Tap the front, rear, right or left area of the vehicle icon on the left side to display a single view of the front, rear, right or left view of the vehicle in the right image area. In the front or rear single view, tap the image area twice to switch to 180˚ viewing angle in full screen. Tap the radar icon in the panoramic view to turn on the radar display, and tap it again to turn off the radar display. After the radar display is turned on, the monitor will display obstacle warning when the vehicle is approaching an obstacle.

- Portrait mode:
- Tap any two areas (front, rear, left and right) of the lower left area to display the single views of the selected orientation in the above and right lower image areas. Click the vehicle map switching button on the lower left to switch the view between transparent vehicle and actual vehicle. After the vehicle starts, the image before last power-off is displayed on the invisible panoramic view interface. At this time, the foreign matters under the vehicle and in the surrounding blind spots may be inconsistent with the actual situation. The underbody image will be updated in real time only after the vehicle has moved, which must be driven beyond its length for a complete update.
- Switching to transparent chassis: tap the icon ①or tap the vehicle body in the left top view image to turn on/off transparent chassis view.
- Radar sensor alarm: tap the icon②to activate/deactivate the radar sensor alarm for parking.

- 3D view: tap the icon ③ to turn on 3D panoramic view, which may be shown in different view angles by either dragging the image or by tapping a specific view icon.
- When the reverse gear is engaged, the system displays the panoramic view.

The rear view displayed in the right area contains the vehicle reversing guide line.

Interface icons:

Function	Corresponding icons	Operation description	Target state after operation	Remarks
Panoramic view camera interface		Operate by touch. After a single touch, if it is highlighted as shown in the figure, it indicates that the panoramic view interface is entered.	Enter 2D or 3D panoramic view interface	
Setting Interface		Operate by touch. After a single touch, if it is highlighted as shown in the figure, it indicates that the panoramic view setting interface is entered.	Enter the panoramic view setting interface	
Panoramic view of non-transparent vehicle		Operate by touch. After a single touch, if it is not highlighted as shown in the figure, it indicates that the non-transparent panoramic function is activated.	The panoramic view vehicle body is switched from transparent vehicle to actual vehicle.	After switching, the aerial view and 2D view are all actual vehicle.
Transparent vehicle panoramic function		Operate by touch. After a single touch, if it is highlighted as shown in the figure, it indicates that the transparent panoramic function is activated.	The panoramic view vehicle body is switched from actual vehicle to transparent vehicle.	After switching, the aerial view and 2D view are all transparent vehicle.
Radar arc segment		Operate by touch. After a single touch, if it is highlighted as shown in the figure, it indicates that the radar arc segment is activated.	After the radar triggers the alarm, the arc segment and value indicating the radar distance will be displayed	

			around the 2D vehicle body view.	
3D panoramic function		Operate by touch. After a single touch, if it is highlighted as shown in the figure, it indicates that the 3D panoramic function is activated.	The panoramic view vehicle body switches from 2D to 3D.	
2D panoramic function		Operate by touch. After a single touch, if it is highlighted as shown in the figure, it indicates that the 2D panoramic function is activated.	The panoramic view vehicle body switches from 3D to 2D.	

2D:

Function	Corresponding icons	Operation description	Target state after operation	Remarks
2D front view		Operate by touch. After a single touch, the icon will be highlighted to activate the front view as shown in the figure.	The panoramic view interface is switched from any other 2D interface to 2D front view interface. If it is already the front view interface, there is no change.	The operations can also be completed through the corresponding upper, lower, left and right areas in the aerial view, which can get the same result.
2D rear view		Operate by touch. After a single touch, the icon will be highlighted to activate the front view as shown in the figure.	The panoramic view interface is switched from any other 2D interface to 2D rear view interface. If it is already the rear view interface, there is no change.	The operations can also be completed through the corresponding upper, lower, left and right areas in the aerial view, which can get the same result.

2D left view		Operate by touch. After a single touch, the icon will be highlighted to activate the front view as shown in the figure.	The panoramic view interface is switched from any other 2D interface to 2D left view interface. If it is already the left view interface, there is no change.	The operations can also be completed through the corresponding upper, lower, left and right areas in the aerial view, which can get the same result.
2D right view		Operate by touch. After a single touch, the icon will be highlighted to activate the front view as shown in the figure.	The panoramic view interface is switched from any other 2D interface to 2D right view interface. If it is already the right view interface, there is no change.	The operations can also be completed through the corresponding upper, lower, left and right areas in the aerial view, which can get the same result.
2D front wide angle		Operate by touch. After a single touch, the icon will be highlighted to activate the front view as shown in the figure.	Full-screen front wide-angle view.	This view will be also displayed by the double click of front single view.
2D rear wide angle		Operate by touch. After a single touch, the icon will be highlighted to activate the front view as shown in the figure.	Full-screen rear wide-angle view.	This view will be also displayed by the double click of rear single view.
2D left and right side views		Operate by touch. After a single touch, the icon will be highlighted to activate the front view as shown in the figure.	The panoramic view interface is switched from any other 2D interface to 2D left and right side view interface. If it is already the left	

			and right side view interface, there is no change.	

3D:

Function	Corresponding icons	Operation description	Target state after operation	Remarks
3D front view		Operate by touch. After a single touch, the icon will be highlighted to activate the front view as shown in the figure.	The panoramic view interface is switched from any other 3D interface to 3D front view interface. If it is already the front view interface, there is no change.	The operations can also be completed through the corresponding upper, lower, left and right areas in the aerial view, which can get the same result.
3D rear view		Operate by touch. After a single touch, the icon will be highlighted to activate the front view as shown in the figure.	The panoramic view interface is switched from any other 3D interface to 3D rear view interface. If it is already the rear view interface, there is no change.	The operations can also be completed through the corresponding upper, lower, left and right areas in the aerial view, which can get the same result.
3D left view		Operate by touch. After a single touch, the icon will be highlighted to activate the front view as shown in the figure.	The panoramic view interface is switched from any other 3D interface to 3D left view interface. If it is already the left view interface, there is no change.	The operations can also be completed through the corresponding upper, lower, left and right areas in the aerial view, which can get the same result.
3D right view		Operate by touch. After a single touch, the icon will be highlighted to activate the front view as shown in the figure.	The panoramic view interface is switched from any other 3D interface to 3D right view interface. If it is already the right view interface, there is no change.	The operations can also be completed through the corresponding upper, lower, left and right areas in the aerial view, which can get the same result.

WARNING

- The panoramic view system can provide transparent panoramic view to show the image below the vehicle. This function is only for assisting in observation of area below the vehicle during parking/driving. Investigation of foreign objects below the vehicle and dangerous situations should be carried out in any other manner to ensure the safety of personnel and the vehicle.
- 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.
- This system uses wide-angle fisheye cameras, so the object on the display screen may appear somewhat deformed in comparison with the actual object.
- The panoramic view system is only to be used for parking/driving assistance. It is not safe to park or drive the car relying only on this system, because there are some blind spots in front of and behind the car. The surroundings of the car should be observed in other ways during the parking/driving process, so as to avoid accidents.
- When the side mirrors are not extended in place, do not use the panoramic view system; and when the panoramic view system is used for parking/driving, ensure that all the car doors are closed.
- The distance to an object displayed on the panoramic view

WARNING

screen may be different from the distance perceived subjectively, especially when the object is closer to the vehicle. Assess the distance in various ways.

- Cameras are installed above the front grille, side mirrors, and the rear license plate. Make sure the cameras are unobstructed.
- To prevent affecting the performance of cameras, avoid directly washing these cameras when washing the vehicle body with high-pressure water gun. Wipe any water or dust off the camera in time.
- Protect the cameras from any impact to prevent damage or malfunction.
- After the vehicle is powered on, if you press the panoramic view start button or shift into reverse while the infotainment system is not fully activated, the output on the panoramic view screen will be delayed or the screen will flash. This is a normal part of the camera power-on process.
- After the vehicle starts, the image before last power-off is displayed on the invisible panoramic view interface. At this time, the foreign matters under the vehicle and in the surrounding blind spots may be inconsistent with the actual situation. The underbody image will be updated in real time only after the vehicle has moved, which must be driven beyond its length for a complete update.
- When any camera is damaged, the corresponding view will be black on the screen.

Parking Assist System

- When the vehicle is being parked, PAS uses radar sensors to detect obstacles and sends alarms through loudspeakers to alert the driver about the distance between the vehicle and obstacles.
- PAS is a way to help reverse the vehicle. The driver should observe the surroundings while reversing.

WARNING

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

Parking radar switch

- To activate or deactivate the parking assist system (PAS), go to → ADAS → Parking Assist → Parking Radar from the touchscreen.
- PAS is automatically activated when the ignition is on and EPB is released.
- Surrounding obstacles trigger an alarm only when PAS is activated.

Sensor Type

- When the sensor detects an obstacle, the corresponding image is displayed on the infotainment screen*, obstacle and the distance between the vehicle and the obstacle.
- The system can measure the distance between the vehicle and the obstacle and communicate the information through the infotainment touchscreen and speaker during parallel or shifting parking. When using the system, be sure to pay attention to the surroundings.

① Front right corner sensor *

② Front left corner sensor *

③ Rear left corner sensor

④ Rear left and right center sensors

⑤ Rear right corner sensor

Distance Display Alarm

When the sensor detects an obstacle, the infotainment touchscreen displays the orientation of the obstacle and the approximate distance between the vehicle and the obstacle, and the speaker may beep.

Working examples of central sensor

Approximate distance (mm)	Display examples on the infotainment display screen	Alarm sound
About 700 to 1,200		Slow
About 300 to 700		Fast
About 0 to 300		Constant

Working example of corner sensors

Approximate distance (mm)	Display examples on the infotainment display screen	Alarm sound
About 300 to 600		Fast
About 0 to 300		Constant

Working Sensors and Detection Range

All sensors work when reversing.

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

① About 1200mm

② About 600 mm

Error message

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

REMINDER

- The parking assist system is only for assistance, and is not a substitute for personal judgment. Be sure to operate the vehicle based on your observations.
- Sensors will not work properly if accessories or other objects are placed within their detection range.
- In some cases, the system cannot operate properly and will fail to detect certain objects as the vehicle approaches them. Therefore, be sure to observe the vehicle's surroundings at all times. Do not rely solely upon the system.

Sensor Detecting Information

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

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

- If an image is displayed on the infotainment touchscreen* or if the speaker chirps, this may be due to the sensor detecting an obstacle or external interference with the sensor. If this persists, it is recommended to have it serviced at a BYD authorized dealer or service provider.

CAUTION

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

Tire Pressure Monitoring

- The direct TPMS is an auxiliary system that monitors the tire pressure in real time, improves the driving safety and comfort of the vehicle, and reduces the accelerated wear of tires and the increase of vehicle energy consumption caused by insufficient tire pressure.
- The user 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 interface using the roller on the button.

Certification Information

- Product Name: TPMS SENSOR
- Brand Name: BH SENS
- Model Number: TMSS6A4
- Electrical Ratings: 3Vdc, Class III

System Function

1. Power-on alarm

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

2. Low tire pressure alarm

- When the pressure of any one of the four tires is lower than 85% of the standard tire pressure and the system is running, the tire pressure fault indicator lights up and the tire pressure value turns yellow. It is advisable to stop the vehicle and check the corresponding tires for slow leaks and to inflate them to a reasonable pressure.
- When the tire pressure is greater than 90% of the standard value, the low pressure alarm is canceled.

3. Quick air leak alarm

When one or more tires leak at a rate above or equal to 30 Pa/min and the system is running, the tire pressure fault indicator keeps flashing and the tire pressure value becomes red. If the vehicle has started to give an air leak alarm,

please stop the vehicle in time to check the faulty tires.

4. Abnormal signal alarm function

If there is a fault when the system is running, the tire pressure fault indicator flashes and then keeps on, and the instrument cluster displays "Abnormal Signal". Please check whether the corresponding tire pressure monitoring module is normal and whether it is within the range of a large electric field for a long time.

5. Real-time display of tire pressure

Tire Pressure Monitor System (TPMS)can display the information on each tire pressure in real time when it is running.

Precautions

- The service time of the tire pressure monitoring module is related to the daily driving distance and other related factors.
- The tire pressure monitoring module transmits tire pressure and other information to the display regularly.Therefore, if the tire pressure suddenly drops or there is a flat tire, the monitoring module can only transmit data to the display in the next monitoring. Therefore, it may cause the driving to be out of control. If a damaged tire is accompanied by the monitoring module damage and thus no message can be sent, or if it is suspected that a tire has been damaged, stop driving immediately, instead of waiting for the display to send an alarm signal.
- Incorrect installation of the tire pressure monitoring module affects the air tightness of the tires. It is recommended that the monitoring module be installed and replaced by professional technicians from a BYD authorized dealer or service provider according to the installation instructions.
- When the tires are rotated or the tire pressure monitoring module is replaced, the entire tire pressure monitoring system needs to be rematched, which is recommended to be performed by a professional technician from a BYD authorized dealer or service provider; otherwise, this system may fail.
- Since tire pressure varies with regional temperatures, inflate or deflate the tires according to the values displayed on the instrument cluster and the standard tire pressure value.
- TPMS features wireless transmission and its reception performance may be worsened in environments with severe interference.

CAUTION

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

CAUTION

resulting in serious injuries or deaths.

Head-up Display (HUD)*

Head-up Display (HUD)*

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

Disabling/Enabling the System

To activate or deactivate the HDC, go to (infotainment system) → ADAS. HUD is enabled by default. The system defaults to previous settings when the vehicle starts.

Set HUD

- Height Adjusting: 21 levels of brightness adjustment (-10 to 10) for HUD virtual images (default level: 0).
- Brightness Adjusting: 11 levels of height adjustment (1 to 11) for HUD virtual images (default level: 6).
- Whirling Adjusting: 11 levels of angle adjustment for HUD virtual images (default level: 0°).
- Mode Setting: Select the classic mode (default) or snow mode according to the driving environment.
- Settings optional for display: Safe driving assistance can be selected and is enabled by default.Click again to uncheck the status and close the item.

CAUTION

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

Driving Safety Systems

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

Intelligent Power Braking System

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

Vehicle Dynamics Control (VDC)

When the vehicle turns suddenly while running, the VDC system judges the driver's intention based on such information as steering wheel's angle and vehicle speed, and continuously compares with the actual condition. If the vehicle swerves from the normal lane, the VDC corrects the situation by engaging brakes to the corresponding wheels to help the driver control skidding and maintain directional stability.

Traction Control System (TCS)

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

WARNING

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

Hill Hold Control (HHC)

On a slope with a gradient of > 3%, after the brake pedal is released, the HHC can maintain the brake pressure applied by the driver for about 1 s to prevent the vehicle from sliding backward.

Hydraulic Brake Assit (HBA)

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

Controller Deceleration Parking (CDP)*

When the EPB switch is pulled up, CDP starts to work and the vehicle brakes at a constant deceleration (the deceleration is 0.4g if only the EPB switch is pulled up and 0.8g if the EPB switch is pulled up and the brake pedal is pressed at the same time) until the vehicle comes to a stop. If the driver releases EPB, CDP stops functioning.

Hill Descent Control (HDC)*

- Working principle: The hill descent control (HDC), an added feature of the ESC system, is designed to improve vehicle comfort. To activate or deactivate the HDC, go to (infotainment system) → ADAS. the main function of which is to assist in uphill and downhill slow driving through active braking. When HDC is working, ABS is activated when the wheel slip exceeds the ABS triggering threshold, allowing you to safely and smoothly go downhill, or even reverse.
- Activate HDC:
  - When the vehicle speed is lower than 38 km/h, activate the HDC and state indicator on the instrument cluster stays on.
- HDC speed control:
  - HDC is functional when the vehicle speed is within 11 km/h - 38 km/h. In this case, press/release the accelerator pedal or brake pedal to adjust the speed. The pedal release determines the final speed. The HDC status indicator flashes to indicate that the HDC is working.
- Deactivate HDC:

- Deactive the HDC, and the indicator on the instrument cluster goes out immediately.
- HDC also automatically stops when the speed exceeds about 65 km/h.

- HDC malfunction:
  - In some special conditions, such as at a long stretches downhill, the HDC function may be temporarily unavailable due to high brake temperature. You need to drive safely at this point. To restore the function, stop the vehicle until the brake temperature cools down.

ESC operation instructions

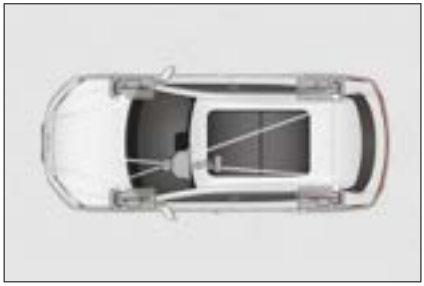
- ESC working
  - If there is a risk of skidding or backsliding when the vehicle starts on a slope, or if either drive wheel is spinning, the ESC indicator flashes to indicate that ESC system is working.
- Disabling ESC
  - If the vehicle gets stuck in snow or mud, ESC may reduce the power output from the motor to wheels. Activate the snow mode to get out of the jam.
- Turning off ESC
  - Go to infotainment →ADAS to turn off ESC. ESC also checks its operating status in real time. If ESC OFF switch is pressed while ESC system is working, the system will complete the active intervention control rather than executes the "shutdown" command immediately. ESC is disabled only after the intervention control is complete.
- After ESC is turned off, some of its deactivated functions will be enabled if either the ESC OFF button is pressed again or the vehicle speed exceeds the threshold of 80 km/h. In order to prevent ESC from being turned off suddenly, ESC can be activated again only when it is not in a vehicle dynamic intervention state.
- ESC OFF switch mis-operation
  - ESC is considered to be mis-operated if the ESC OFF switch is pressed and held for more than 10 seconds. In that case, all internal ESC functions continue to work.
- Restarting ESC after the vehicle is powered off
  - When the ESC system has been turned off, restarting the vehicle will automatically restart ESC system.
  - The start of ESC is linked with the vehicle speed.
  - With ESC turned off, the vehicle can become highly unstable at a speed beyond 80 km/h, so ESC starts automatically in this case.
- ESC activated
  - If the ESC fault indicator flashes, be sure to drive carefully, because careless driving may cause an accident. Exercise additional caution when the indicator is flashing.
- With ESC system disabled
  - Be careful when ESC is disabled, and drive at speeds suitable for road conditions. The ESC system ensures vehicle stability and its driving force. Never turn it off unless necessary.
- Tire replacement
  - Make sure all tires are of the same size, brand, tread, and total load. In addition, be sure to inflate tires to the recommended pressure.
  - Neither ABS nor ESC will work properly if the vehicle is fitted with different tires.

- For details on tire or wheel replacement, it is recommended to contact a BYD authorized dealer or service provider.

- Tire and suspension handling
  - The use of any defective tire or modified suspension affects the driving safety system and may cause the system to fail.

Anti-lock Braking System (ABS)

- The hydraulic system ofAntilock Braking System (ABS)to drive the brake has two independent circuits. Each circuit passes through the vehicle diagonally (the front left wheel brake is connected with the rear right wheel brake, etc.) and acts. If one circuit fails, two wheels can still be braked. If one circuit fails, two wheels can still be braked.



- In case of a sudden brake or application of brake on a slippery road, ABS helps to prevent the wheels from locking or slipping, so that you can keep the steering control.
- When the front tires skid, there is no steering control, which means that the vehicle still moves forward even though the steering wheel is turned. ABS helps to prevent locking and, since rapid pulsating braking is much faster than human reaction, helps to maintain steering control.
- Do not press the brake pedal in a pulsating manner; otherwise, ABS may fail. When turning the steering wheel to avoid danger, always maintain strong and stable pressure on the brake pedal so that ABS functions.
- When ABS is activated, noise may be heard. This is because the ABS is pulsating the brake quickly, which is normal.

CAUTION

- If the ABS fault warning light is still on while the braking system warning light is on, immediately park the vehicle in a safe place. It is recommended to contact a BYD authorized dealer or service provider.
- In this case, if brakes are applied, the ABS will not work and the vehicle will become extremely unstable.
- ABS cannot reduce the time and distance required to brake the vehicle. This device only helps you control steering when braking. Please always keep a safe distance from other vehicles.
- ABS cannot prevent skidding caused by sudden direction change, such as trying to make a sharp turn or change lanes suddenly. Always drive carefully at a safe speed, regardless of road and weather conditions.
- ABS does not prevent decrease in stability either. When applying the brake in an emergency, the steering should be moderate. A large or sharp turn during the driving can cause the vehicle to swerve into oncoming traffic or run off the road.

CAUTION

- 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, reduce the vehicle speed and keep a greater distance from other vehicles.

WARNING

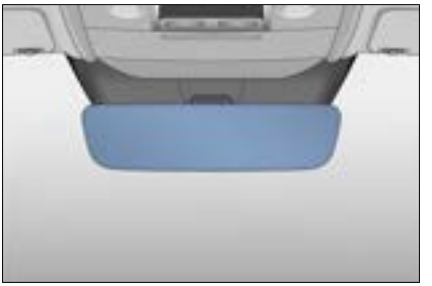
- ABS cannot work effectively under the following conditions:
  - Tires used do not have a sufficient grip level (e.g., excessively worn tires are used on snow-covered roads);
  - The vehicle skids when driving at a high speed on slippery roads.
- ABS is not designed to reduce the braking distance of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

Other Main Functions

Interior Rearview Mirror

Automatic Anti-Glare

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



WARNING

- Do not hang heavy objects on the interior rearview mirror, or shake or pull it vigorously.
- When the interior rearview mirror gets stuck, do not adjust it violently by hand, as this may cause it to fall off.
- Do not adjust the rearview mirror while driving, as this may cause loss of vehicle control, accidents and occupant casualties.

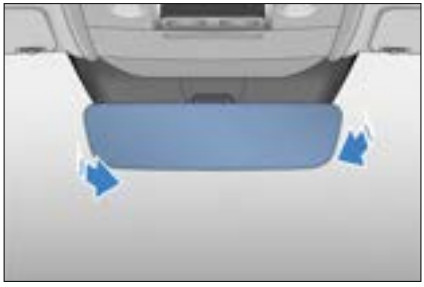
Manual Anti-glare Function

The rearview mirror can be adjusted to two positions suitable for driving in the daytime and at night. The nighttime driving position reduces the glare from vehicles in the rear.

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

Manually Adjusting the Mirror

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



Electric Side Mirrors

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

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

- Adjustment switch - used to adjust the external rearview mirror lens. Press the switch according to the desired direction.

Manual Adjustment

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

Folding

Manual Folding

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

Electric Folding

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

REMINDER

- Do not adjust the side mirrors while the vehicle is in motion. This may obstruct the control of the vehicle, resulting in accidents.
- Using the side mirror electric heating defrosting function for a long time may cause the mirror to wear out faster. Turn off the defrost button when it is not needed.

Wipers

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

Replacing Wiper Blades

Replacing Front Wiper Blade

The user can go to infotainment system → Vehicle Health →Overhaul to activate the wiper maintenance function. After the function is activated, the wiper runs to a high position and then stop, so as to facilitate maintenance and replacement of the wiper. After maintenance, the wiper returns to the reset position after the wiper maintenance function is deactivated.

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

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

Replacing Rear Wiper Blade

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

CAUTION

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

Snow Chains

Snow Chain Instructions

- Snow chains are only used in emergency or when vehicles travel in specific areas specified by laws.
- Snow chains are to be fitted to the front wheels and extra care is required for driving a vehicle fitted with snow chains on icy roads. Some snow chains may damage the tires, wheels, suspension and body of the vehicle.Therefore, thin anti-skid chains should be selected to provide sufficient free space between the tires and other parts in the wheel cover.
- Please carefully check and read the component assembly drawing and other instructions of the anti-skid chain manufacturer.
- Consult the BYD authorized dealer or service provider from which you purchase the vehicle before you purchase anti-skid tire chains and install them onto the tires.
- After the anti-skid chains are installed, driving speed should be less than 30 km/h on icy and snowy roads.
- In order to minimize wear of wheels and snow chains, do not travel with snow chains on roads without snow.

REMINDER

- Do not drive above 30 km/h or the limit speed specified by the snow chain manufacturer, whichever is lower.
- Drive carefully, paying attention to bumps, potholes, and sharp turns that can cause the vehicle to bounce.

REMINDER

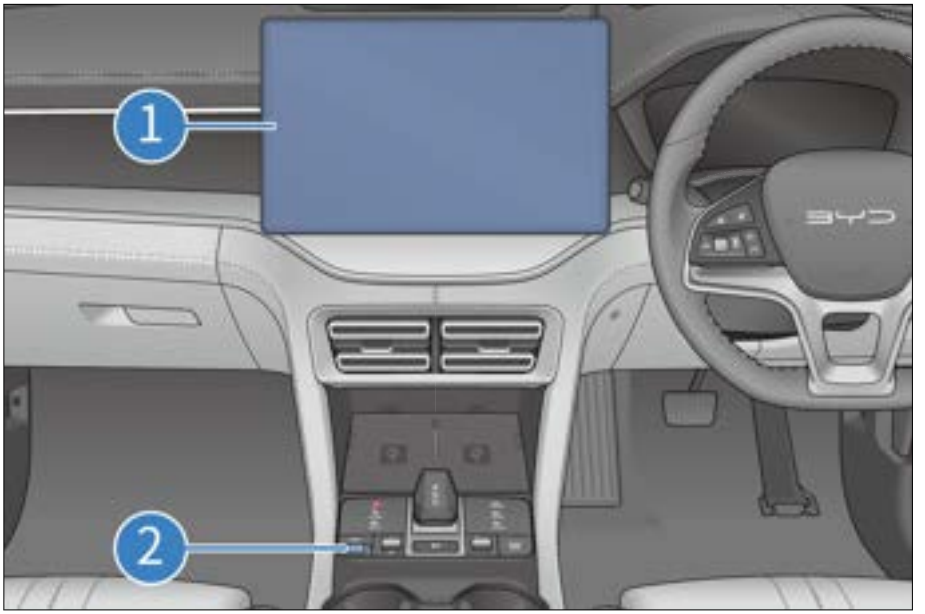
- For vehicles with snow chains, avoid sharp turns or braking with locked wheels, and slow down the vehicle before entering a curve to avoid accidents due to loss of control.
- Tires snow chains should be used symmetrically and remove immediately when not in use.

05 IN-VEHICLE DEVICES

Infotainment System

Infotainment Button

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



1 Infotainment display screen

2 Infotainment switch/Scroll button

WARNING

- To avoid faults in the infotainment system, do not use a high-power inverter on the vehicle.
- Do not format or root the device without authorization, as this may cause infotainment system or vehicle malfunction.

CAUTION

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

CAUTION

- Clean the screen with a soft damp cloth. Do not use any cleaning product.
- Using the touchscreen
  - When the screen temperature is low, the image displayed may be darker or the system may work slightly slower than normal.
  - The screen may be dark or difficult to see when you are wearing sunglasses. In that case, change the viewing angle or take off the sunglasses.
  - The touchscreen buttons that are grayed out cannot be operated.
- The touchscreen interface shown here is for reference only.
- In driving, please use the infotainment system in landscape mode wherever possible for your safety.

REMINDER

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

Widgets

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

The widget screen contains three small customizable windows:

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

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

Language Setting

- When the vehicle is powered on, set the language as Simplified Chinese or English in infotainment touchscreen → → **System Settings** → **More** → **Language**.

OTA Upgrade

- The vehicle has the function of software upgrade. Upgrade the vehicle system by tapping Infotainment System → System Settings → Version Management → Vehicle Version → Upgrade, so that your vehicle functions are in the latest state.
- Prompt information will be sent when the vehicle needs software update to remind you to upgrade the software. Choose to upgrade immediately, make an appointment to upgrade or upgrade by the mobile phone to start the system software upgrade according to the situation.

CAUTION

- Do not move the vehicle during the OTA upgrade.
- Ensure that the vehicle is parked in a safe area, the gear is in "P" gear, and the mobile communication network is connected to the normal state before the OTA Upgrade starts.
- Ensure that the vehicle has sufficient power.
- Before or during the OTA upgrade, do not install any third-party equipment at the OBD port of the vehicle.
- The vehicle cannot be charged or discharged during the upgrade. Please ensure that the vehicle has sufficient power before upgrading.
- During OTA upgrade, all functions are inoperable except smart key locking/unlocking, microswitch locking/unlocking, interior light switch/emergency warning light/ window switch.
- If the OTA upgrade fails, please retry it. If it fails again, please contact a BYD authorized dealer or service provider for handling.

BYD Assistant

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

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

A/C System

A/C ON/OFF

① Automatic A/C button

② A/C button

③ Defrosting button for front windshield

REMINDER

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

A/C Operation Interface

1 A/C Settings

2 Air purification interface

3 Seat vent/heating

4 A/C Operation Interface

5 Ventilation

6 Recirculation/Fresh air

7 Rear windshield defroster

8 Defrosting button for front windshield

9 Dual-zone control

10 Maximum Cooling

11 Cooling

12 Automatic A/C button

13 A/C ON/OFF

14 Blowing Mode

15 Fan speed adjustment

16 Front passenger climate control

17 Driver climate control

REMINDER

- Odor of A/C:
  - When the A/C is just turned on, the air from the A/C may have a moist and mildewy odor, which is normal. During the operation

REMINDER

of the A/C, the evaporator is easy to be attached by the A/C condensate, and the wet evaporator tends to adsorb unfiltered human perspiration, dust, etc. If the condensed water

REMINDER

on the evaporator does not dry, the dark and humid evaporator surface tends to breed mold, which tends to produce a peculiar smell after long-term fermentation.

- Methods to prevent odor:
  - Turn off the cold air and ventilate the vehicle to keep it relatively dry before parking.
  - Check, clean or replace the filter screen regularly.
  - Keep the compartment as clean and fresh as possible.
- If any odor still exists after implementing the above methods, contact a BYD authorized dealer or service provider for maintenance.
- In order to keep the internal working environment of A/C system dry, the A/C blower may automatically start for a while after the vehicle is powered off and locked. It dries the condensed water generated on the evaporator surface when the A/C is turned on, so as to prevent mold breeding on the evaporator surface. Therefore, the A/C blower automatically starts upon locking in some cases.

Functional Definition

Automatic A/C button

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

A/C button

- When the A/C is on, press this button to turn the A/C off.
- When the A/C is off, press this button to turn the A/C on.

Seat vent/heating

- Tap this button to enable the seat ventilation and heating function. See the ***P*** seats* in 3 - Operation of Controller for specific operation methods.

Blower Speed Adjustment

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

Defrosting button for front windshield

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

Climate control

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

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

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

Dual-zone control

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

Maximum Cooling

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

Cooling

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

Recirculation/Fresh air

- Tap this button to switch the air inlet mode to recirculation, and the icon  is displayed. Tap this button again to switch the air inlet mode to fresh air, and the icon  is displayed.
- When the Auto air recirculation when parking is enabled, the vehicle switches to the recirculation mode automatically during parking to ensure the air quality in the vehicle and avoid the exhaust from entering the vehicle.

Rear windshield defroster

- Tap this button to activate the rear windshield defroster and the external rearview mirror defroster. If there is no other operation, they

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

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

WARNING

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

CAUTION

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

Ventilation

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

Blowing Mode

Tap an icon on the infotainment system screen to select the corresponding blowing mode. Blowing modes can be freely selected on the infotainment system screen, and up to three blowing modes can be activated at the same time as required.

➡ : Air is blown onto the driver's and passengers' upper bodies.

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

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

Precautions for Operation

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

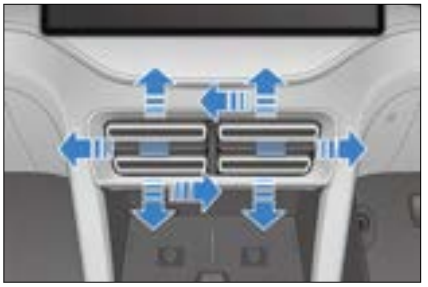
for rapid heating. To prevent the windows from fogging up, switch to fresh air mode after the temperature in the compartment rises.

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

Vents

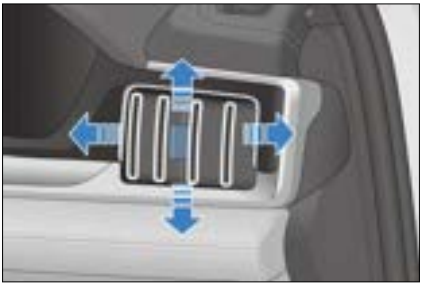
Front Center Vent

The venting angle or blower speed can be adjusted by toggling adjusting sheets in the center of vents, and vents can be closed by toggling adjusting sheets left and right to the limit.



Front side vent

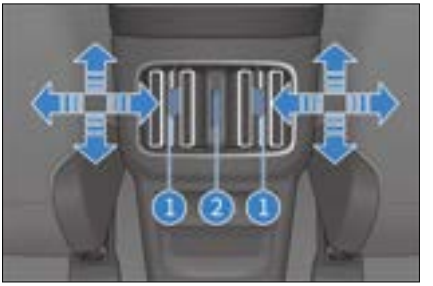
The venting angle or blower speed can be adjusted by toggling adjusting sheets in the left/right vent, and vents can be closed by toggling adjusting sheets up and down to the limit.



Rear Side Vents

① The venting angle can be adjusted by toggling adjusting sheets in the vents.

② The vents can be adjusted or turned on/off by toggling the roller.



Air Purification System

The air purification system of the A/C deeply purifies PM2.5 in the compartment.

Air Purification Operation Interface

Tap "Air purification" on the touchscreen.

① Air purification interface

② Quick purification button

③ PM2.5 Detection Button

④ Outside PM2.5 Value Display

⑤ In-Vehicle PM2.5 Value Display

PM2.5 Detection Button

- Tap this button to detect interior and exterior air quality. The detection values and levels are displayed on the PAD in real time.
- Tap this button again to turn off the air quality detection function.

Quick purification button

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

In-Vehicle PM2.5 Value Display

- Tap this icon to display the interior air PM2.5 value and level.

REMINDER

- The PM2.5 value detected by the on-board air purification (PM2.5) detector is the PM2.5 value in the air near the vehicle carrying the device in a short time, which should be different from the daily or real-time PM2.5 value declared by national and relevant government authorities.

REMINDER

- Reduce the frequency of PM2.5 detection in the following environments:
  - Sandstorms and other such extremely harsh environments.
  - Cold regions (ambient temperature <-20°C)
  - High humidity environments (relative humidity >90%);
  - Environments with a change in temperature (prone to condensation), such as driving in from a cold environment to a high-temperature indoor environment or parking lot.
- Running maximum fan speed in recirculation mode can quickly reduce the concentration of fine particles in the air inside the vehicle.

Outside PM2.5 Value Display

- Tap this icon to display the exterior air PM2.5 value and level.

A/C Settings

- Press this button to display A/C Settings screen.
- Tap it again to exit A/C Settings screen.

① **Fan speed reduction during calls**

Tap this icon to enable the Fan speed reduction during calls.

② **Auto air recirculation when parking**

Tap this icon to enable the Auto air recirculation when parking.

Tap this button a second time to disable it.

③ **Remote A/C schedule mode**

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

④ **Auto A/C mode**

Economical and Comfort modes are available.

⑤ **Automatic purification***

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

BYD App

About BYD App

About BYD App

- BYD app is a mobile application of Internet of Vehicle (IoV) developed by BYD independently. It allows you to control the vehicle remotely and check vehicle conditions, delivering cloud era experience of IoV.

- Search for "BYD" in Google Play or App Store to download and install BYD app.

Account Registration

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

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

CAUTION

- Provide the email address registered at the BYD authorized dealer, or registration will fail.
- In the app, select a country or region on upper right corner of the screen. The default setting depends on your phone setting. If it is not where you make the purchase, choose the right one, otherwise your data will not be accessible.

Vehicle Condition and Control

Vehicle Condition and Control

The BYD app homepage provides information and control items of the vehicle.

1. The homepage shows remaining driving range, SOC, vehicle error information, and status of vehicle driving, charging, A/C system, seat heater, and tire pressure.
2. Tap lock, unlock, light flashing & honking, or light flashing button to activate the corresponding function.
3. Turn on or off A/C on the app homepage, or tap the A/C card to access other settings, such as temperature regulation, see A/C Operation Interface for details.
4. At the bottom of the homepage, tap the icon of seats, doors and windows, or tires to go to the associated screen and check their status.
5. If you have multiple vehicles on an account, tap the vehicle name in the upper left corner of the screen to switch between vehicles.

CAUTION

- The control function of the app is mainly for remote use. To use this function, ensure your phone and vehicle are connected to the Internet.

Individual Center and Vehicle Management

Individual Center and Vehicle Management

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

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

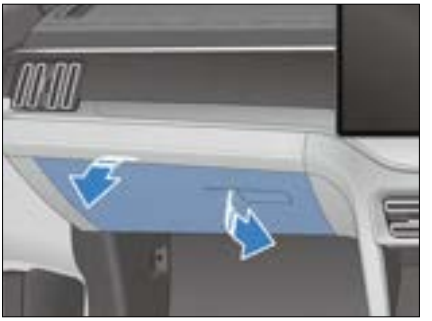
Storage

Door Bins

Each door is equipped with a door bin to store beverage bottles or small items.

Glove Box

- Pull the handle to open the glovebox. The light in the glovebox goes on when it is opened.
- Push the glovebox up to close. The light in the glovebox goes off when it is closed.



CAUTION

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

Bill Box

- Pull the handle on the driver's side glovebox to open it.
- Invoices, business cards, or similar items can be put in the driver's side glovebox. Do not put in large or heavy objects, so as not to close the driver's side glovebox. Please keep the driver's side glovebox closed during driving.

Center Console Cubby

- Pull up the center console cubby cover as the figure shows.
- Press the center console cubby cover downward to close it.

REMINDER

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

Cup Holder

Front Seat Cup Holder

The front seat cup holder is located in the center console.

CAUTION

Do not place an open cup or untightened beverage bottle in the cup holder, so as to avoid liquid spillage when you are opening and closing the doors and driving.

- Do not place an open cup or untightened beverage bottle in the cup holder, so as to avoid liquid spillage when you are opening and closing the doors and driving.
- To ensure safe driving, the driver is strictly prohibited from taking the cup out or placing it in the cup holder while driving.

Rear Seat Cup Holder

Pull down the rear armrest to use the rear seat cup holder located on it.

CAUTION

- When using the cup holder, do not start or brake the vehicle suddenly to prevent liquid spillage and burn you or other passengers.
- To prevent liquid splashing during door opening/closing or driving, please do not place open cups or untight beverage bottles in the cup holder.
- To ensure safe driving, the driver is strictly prohibited from taking

CAUTION

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 storing magazines, newspapers, or similar objects.

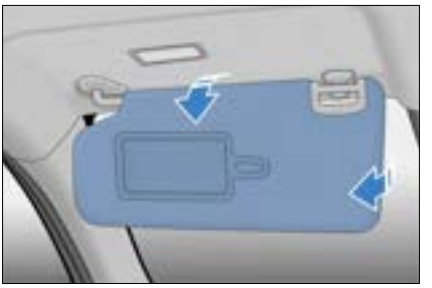
Glasses Case

- Press the glasses case cover to open it.

Other Devices

Sun Visor

- To block the sunlight from the front, pull the sun visor down.
- To block the light from the side, remove the slewing sleeve from the fixed support and turn sun visors to the side window.



REMINDER

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

Vanity Mirror

- Vanity mirrors are installed on the driver’ s and front passenger’ s sun visors.
- To access the vanity mirror, pull the sun visor down and flip open the mirror cover. The vanity mirror indicator lights up. The indicator goes out when you close the mirror cover or fold up the sun visor.

Safety Handles

- Pull the safety handle down for use. The handle returns to its original position when released.
- Beside the safety handle is the clothes hook to hang clothes and hats.

CAUTION

- Do not hang heavy objects on the grab handle or clothes hook, as this may result in damage or personal injury.

12V Auxiliary Power

- It is used for accessories with 12V DC working voltage and no more than 10A working current.
- Open the cover of the 12 V backup power to use it when the vehicle is powered on.

Front-Row USB Ports

① USB charging port

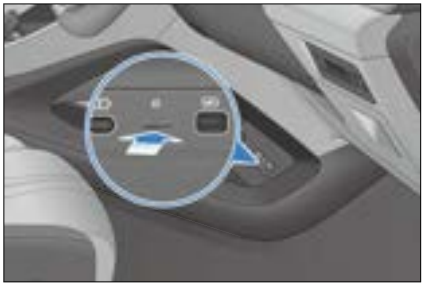
② USB data transmission port

Rear Charging Ports

Rear charging ports can only be used for charging and cannot be connected to the infotainment system.

SD Card Slot

An SD card slot is provided at the hollow part close to the driver's side under the auxiliary dashboard.



Cargo Cover

- The cargo cover is used for privacy and direct sunlight protection.
- Lay down the seat, place one side of the cargo cover into the groove of the C-pillar lower shield, then press it to the bottom, and insert it into the groove of the C-pillar lower shield on the other side from above the seat lock ring. Pull out the curtain and hang it in the grooves on both sides in the rear.

- Do the reverse to remove the cover.

WARNING

- When installing the cargo cover, make sure that it is installed securely.
- Do not place any objects on the cargo cover.
- Never allow a child to climb onto the cargo cover, otherwise,

WARNING

damage to the cargo cover, or even injury/death to the child, can happen.

Wireless Phone Charging Location

- The smartphone wireless charging area is located in the center console. The user can slide down the status bar on the top of the infotainment touchscreen to open the Quick interface and turn on or off the smartphone wireless charging function. The system is turned on by default. After the vehicle is started, place the smartphone on the anti-skid rubber pad in the wireless charging area, with the smartphone screen facing upwards, and the smartphone is automatically switched to the wireless charging mode. The charging icon is displayed on the infotainment UI interface.

-  The green icon in the cellphone flashes dynamically during charging.
-  Charging fault: The icon flashes.

REMINDER

- The smartphone wireless charging setting icon can be added or deleted in the edit bar on the Quick interface of the Infotainment System.
- The smartphone wireless charging is applicable to QI certified smartphones only.
- Do not place any foreign objects in the charging area during program upgrading.
- Two phones can be charged at the same time.
- Too thick smartphone shell may cause charging failure.
- When the vehicle runs through bumps, wireless charging may be briefly interrupted.
- If the smartphone deviates from the wireless charging area and stops charging, move the smartphone back to the wireless charging area.
- In the event of smartphone wireless charging failure, make sure that there is no object placed on the wireless charging area or wait for the wireless charging area to cool down before charging again. If the wireless charging still fails, please contact a BYD authorized dealer or service provider.

CAUTION

- During wireless charging, ensure that the smart key is more than 25cm away from the charging area.

CAUTION

- Do not place coins, metal keys, metal rings, or other items containing metal components on the wireless charging area together with the smartphone, so as to avoid dysfunctions and even safety accidents.
- Do not place heavy objects on the charging area to avoid damage to the charging area.
- If the smartphone wireless charging system fails, contact a BYD authorized dealer or service provider.
- BYD is not liable for any problems caused by abnormal use. If the product has been disassembled or modified, the warranty service is terminated.
- When leaving the vehicle, do not place the smartphone in the vehicle for charging to avoid potential safety hazards.
- Do not check smartphone charging for a long time during driving to ensure traffic safety.
- When charging the smartphone wirelessly, if any metal object between the smartphone and the rubber pad is found, do not remove it immediately by hand to avoid burns.
- For better charging, place the smartphone in the center (where the "Charging Area" is shown).
- Do not spray water on the charging area to prevent water from entering the wireless charger through the gap of the rubber pad, thus avoiding charger failure.

CAUTION

- When the temperature is too high, the charging of the smartphone may stop and continues after the temperature drops.
- BYD is not responsible for the problems caused by the external wireless charging coil. Please use such coil with caution.

Boot Cover Board

The boot cover board can be installed at two different heights. Press the handle on the cover board to remove it and adjust height.

1. When installed at the upper height position, the boot cover board is flush with the top surface of the support plate. When the rear seats are laid down, the boot cover board is flatly fitted with the back of the seats.

2. When installed at the lower height position, the boot cover board is stuck on the lower step surface of the support plate, and the storage space can be enlarged.

Emergency hammer

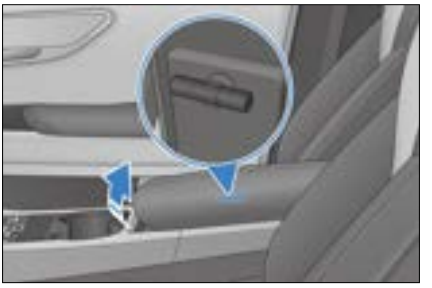
The safety hammer is located in the centre stowage compartment.

The tool is to be used on side door glass only.

It is to be only used in case of emergency exit from the vehicle.

How to Use

1. Open the centre stowage compartment to reveal the safety hammer fixed to the right wall of thecentre stowage compartment.
2. Remove the hammer from the stowage compartment.
3. Remove any cover of the hammer end.



4. Hold the handle firmly, hold the hammer end against the glass, push against the glass to activate the spring release.

WARNING

- If the side door glass is laminated, it may not shatter and may remain in position.
- Once the glass is fractured and weakened, use appropriate method to push the fractured glass out of the door aperture.
- Take all necessary precautions to not be injured by any broken glass.

06 MAINTENANCE

Maintenance Information

Maintenance Cycle and Items

Maintenance Plan

- Maintenance plan aims to ensure driving stability, safety and economy, reducing the occurrence of faults.
- For the planned maintenance interval, refer to the maintenance schedule depending on the reading of the odometer or the time interval, whichever comes first.
- Overdue maintenance items should also be implemented at the same intervals.
- Rubber hoses (for cooling and heating systems, braking systems, etc.) should be checked by professional technicians according to the maintenance schedule.
- These are particularly important maintenance items, and the maintenance intervals of each item are recorded in the maintenance schedule. The hose with any deterioration or damage should be replaced immediately.
- The maintenance schedule lists all maintenance items necessary to keep your vehicle in the best operating condition.

Maintenance Plan Requirements

The vehicle must be maintained according to a maintenance schedule.

If the vehicle is operated mainly under one or more of the following special conditions, some maintenance schedule items need to be carried out more frequently.

- Road conditions
  - Driving on rough, muddy or snowy roads.
  - Driving on dusty roads.
- Driving conditions
  - The vehicle is used to tow a camping trailer or a roof bracket is installed on the vehicle.
  - The vehicle is driven within 8 km repeatedly and driven in an environment with temperature below zero.
  - The vehicle is driven in long-term idling or low-speed long-distance driving conditions. The examples include police cars, taxis, or vehicles carrying goods.

Maintenance Schedule

Vehicle Maintenance

Maintenance should be based on the vehicle maintenance mileage and the interval months, whichever comes first. Vehicle maintenance mileage refers to the total mileage.

Maintenance item	Time and mileage interval for maintenance
Check whether the cooling water pipe is intact and tightly locked at the connecting parts	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 12 months or 7,500 km.

Maintenance item	Time and mileage interval for maintenance
Check exhaust pipe joint for air leakage	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 24 months or 15,000 km.
Check the appearance of the three-way catalytic converter for bumps	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 24 months or 15,000 km.
Check fuel filler cap, fuel pipe and connector	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 24 months or 15,000 km.
Check charcoal canister	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 24 months or 15,000 km.
Check chassis screw tightening	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 24 months or 15,000 km.
Check brake pedal and EPB switch	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 24 months or 15,000 km.
Check brake pads and discs	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 12 months or 7,500 km.
Check brake system pipeline and hoses	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 24 months or 15,000 km.
Check steering wheel and lever	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 24 months or 15,000 km.
Check drive shaft dust cover	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 24 months or 15,000 km.

Maintenance item	Time and mileage interval for maintenance
Check ball pin and dust cover	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 24 months or 15,000 km.
Check front and rear suspension	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 24 months or 15,000 km.
Check front and rear wheel alignment	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 24 months or 15,000 km.
Tire Rotation	The first tire rotation is carried out in the 18th month or when the mileage reaches 11,000 km, and the subsequent tire rotation is carried out every 24 months or 15,000 km.
Check wheel bearings for clearance	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 24 months or 15,000 km.
Check hood lock and its fasteners	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 12 months or 7,500 km.
Check the coolant level in the expansion tank.	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 12 months or 7,500 km.
Check brake fluid	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 12 months or 7,500 km.
Check vehicle module DTC (clear after recording)	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 12 months or 7,500 km.
Replacing battery coolant*	The first replacement is carried out in the 24th month or when the mileage reaches 4,000 km, which comes first, and the subsequent

Maintenance item	Time and mileage interval for maintenance
	replacement is carried out every 24 months or 10,000 km.
Battery pack containment test	Check it every 2 years or 40,000 km,whichever comes first. If the breather valve itself is damaged or cannot be tightend and torqued during maintenance,please replace it.
High-voltage battery tray, shield, impact bar, and mount point torque	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 12 months or 7,500 km.
Check for powertrain leaks or bumps	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 12 months or 7,500 km.
Check for loose HV harnesses or connectors and burned connector pins	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 12 months or 7,500 km.
Check for deformation or oil marks in HV module cosmetic parts	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 12 months or 7,500 km.
Check each charging port for any foreign objects or burn marks	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 12 months or 7,500 km.
Check for vehicle module software updates	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 12 months or 7,500 km.
Check for water seepage marks on HV parts	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 12 months or 7,500 km.
Check whether damping rubber sleeve on hood hinge limiting stud is worn out, and coat it with lubricating grease regularly.	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 12 months or 7,500 km.

Maintenance item	Time and mileage interval for maintenance
Check that bulbs and LEDs are lighting properly	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 24 months or 15,000 km.
Check that headlight dimming function is normal	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 24 months or 15,000 km.
Check for any foreign objects or burning marks at the EPS bonding point	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 24 months or 15,000 km.
Check whether EPS connector is loose or connector pins are burned	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 24 months or 15,000 km.
Check EPS ECU for corrosion	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 24 months or 15,000 km.
Check joint between EPS ECU and motor for foreign matters or corrosion	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 24 months or 15,000 km.
Check ordinary filter screen*	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 12 months or 7,500 km.
Check high-efficiency filter*	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 12 months or 7,500 km.
Check PM2.5 quick tester filter screen*	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 12 months or 7,500 km.
Check electrostatic filter*	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent maintenance is carried out every 12 months or 7,500 km.

Maintenance item	Time and mileage interval for maintenance
Initial down tilt of low beam	The calibration is carried out every 10,000 km
Replace engine coolant and electronic control coolant	Replace the long-acting organic acid coolant every four years or 100,000 km, whichever comes first.
Brake fluid	Replace it every 2 years or 40,000 km, and check it during routine maintenance
EHS special gear oil	Check the amount of EHS gear oil during routine maintenance. Replace it every 4 years or 60,000 km and replace filter element assembly together.
The oil in the reducer of the rear electric powertrain	Check and change it at 24 months or 40,000 km for the first time, and every 24 months or 48,000 km afterwards.
Capacity test and correction	Once every 6 months or every 72,000 km of vehicle running mileage

Engine Maintenance

The engine maintenance is based on the mileage or number of months, whichever comes first.The mileage refers to the HEV mileage.

Maintenance item	Time and mileage interval for maintenance
Replace engine oil and oil filter	The first replacement is carried out in the 6th month or when the mileage reaches 3,500 km, and the subsequent replacement is carried out every 12 months or 5,000 km
Gasoline detergent	Except the first maintenance, it shall be added every 12 months or 5,000 km thereafter
Spark plug	Replace it on the 42th months or at mileage of 18,500 km for the first time, and replace it every 48 months or 20,000 km thereafter
Fuel filter	Replace it on the 30th months or at mileage of 13,500 km for the first time, and replace it every 36 months or 15,000 km thereafter
Air filter element	Replace it on the 42th months or at mileage of 18,500 km for the first time, and replace it every 48 months or 30,000 km thereafter
Check crank case ventilation system (PCV valve and ventilation hose)	The first maintenance is carried out in the 6th month or when the mileage reaches 3,500 km,

Maintenance item	Time and mileage interval for maintenance
	and the subsequent maintenance is carried out every 12 months or 5,000 km
Engine idle speed	Check on the 6th months or at mileage of 3,500 km during the first maintenance, and check every 24 months or 10,000 km thereafter
Carbon canister dust filter	Replace every 2 years or 30,000 km, or upon frequent automatic fuel gun stopping during refueling

REMINDER

- Gasoline detergent must be added except for the first maintenance, and the amount added each time is 1 bottle (180 ml/bottle).
  - If a vehicle has a mileage of more than 20,000 km and was never added with gasoline detergent, it is recommended to add 3 bottles (180 ml/bottle) at a time, and then add 2 bottles at a time every 7,500 km.
  - For areas using ethanol gasoline, it is recommended to add 1 bottle (180 ml/bottle) of gasoline detergent to every other tank of fuel.
  - Add gasoline detergent first and then fill up the fuel tank. Do not refuel or add gasoline detergent before the refueling prompt displays on the instrument cluster or the fuel indicator turns yellow.
- In order to keep the high-voltage battery in the optimum state, it is necessary to (at least every 6 months or 72,000 km) fully charge and discharge the vehicle on a regular basis to achieve the purpose of battery

REMINDER

self-calibration, or contact a BYD authorized dealer or service provider for capacity test and calibration.

- In following bad working conditions, it is recommended to shorten the recommended maintenance intervals according to the actual situation to protect the vehicle. Drive the vehicle in low-temperature environment (ambient temperature <5°C) for a long time, and the continuous driving time in HEV mode is short (<15min) every time, or it is frequently driven in a slow crawling condition (vehicle speed <10 km/h) for a long time.

Remarks:

- The maintenance period in the table is calculated from the purchase date.
- To keep the vehicle in the optimum state, please operate the vehicle correctly according to the following instructions.
  - Before the first maintenance, the use ratio of HEV mode should not be less than 50% during running-in in ECO mode.

- After the first maintenance, the use ratio of HEV mode should not be less than 10%.

The replacement time of the oil filter can be shortened according to the degree of fouling the gasoline engine.

Regular Maintenance

Regular Maintenance

- In order to ensure that the vehicle runs with the best working efficiency and to reduce the occurrence of faults, maintenance must be carried out according to the maintenance schedule.
- For the planned maintenance interval, refer to the maintenance schedule depending on the reading of the odometer or the time interval, whichever comes first.
- Overdue maintenance items should also be implemented at the same intervals.
- The maintenance shall be carried out by a local BYD authorized dealer or service provider in accordance with the corresponding standards and specifications.
- 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:

- Saline and alkaline substances, dust and moisture are accumulated on the vehicle floor.
- The vehicle is in a high-humidity environment or some parts of the vehicle are in a humid and hightemperature environment for a long time.
- The paint layer or underlayer is scratched by minor collision or by stones and gravel.

To prevent vehicle corrosion, the following guidelines shall be observed:

- Wash the vehicle frequently.
  - If you drive on a saline-alkali road in winter or live in a coastal area, clean the chassis and wheel guard with a high-pressure water gun or steam at least once a month to reduce corrosion. After winter, wash the chassis thoroughly
- Check body paint and decorative parts
  - Any chip or crack found on the paint must be repaired immediately to prevent corrosion. If fragments or cracks peel off from the metal surface, it is recommended to go to a BYD authorized dealer or service provider for repair.
- Check the interior of the compartment

- Moisture and dust accumulated under the carpet cause corrosion, so the underneath of the carpet should be regularly checked and kept dry.
- When transporting such goods as chemicals, detergents, fertilizers, and salts, special care should be taken, and proper containers must be used. In the event of splashing or leakage, clean the vehicle immediately and keep it dry.

- Use mudguards
  - If the vehicle is running in a salinealkali area or on a gravel road, mudguards can protect the vehicle. The bigger and closer to the ground the mudguards, the better.
- Park in a well-ventilated and dry area.

Paintwork Maintenance

- Clean the vehicle in time.
- To prevent color incongruity or rough surfaces, avoid secondary paint spraying if the top coat has no obvious scratches.
- If the vehicle is parked for a long time, it should be parked in a garage or well-ventilated place, and covered with a special body cover in winter. Choose a cool place for temporary parking.
- Prevent strong impact, bumps, or scratches on paint film of the vehicle body. If any scratch, dent, or peeling is found on the top coat, repair it in time, preferably at a professional auto detailing shop.
- Do not touch the top coat with greasy hands or scrub it with a greasy cloth. Do not place tools or cloth contaminated by organic solvents on the vehicle body to avoid chemical reactions.
- Wax the vehicle top coat for protection once a month or when the body surface cannot resist water well, and go to a professional auto detailing shop for maintenance regularly (quarterly) to restore the brightness and luster of the body top coat in time.
- Use high-quality polishing agent and wax. If the polished surface of the vehicle body has been severely weathered, use a wax-free vehicle cleaning and polishing agent. Carefully follow the manufacturer's instructions and preventive measures. The chrome-plated surface shall be polished and waxed as the paint surface.

CAUTION

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

Vehicle Cleaning

- The vehicle must be cleaned in time under the following circumstances which will cause peeling of paint layer or corrosion of body and parts:
  - Driving along the coast.
  - Driving on a road on which anti-freeze has been scattered.
  - Driving on roads covered with coal tar.
  - Resin, bird droppings and insect carcasses get stuck.
  - Driving in areas with a large amount of smoke, soot, dust, iron filings or chemicals.
  - Vehicles visibly soiled by dust or mud.

- After raining.

Washing the Vehicle Manually

Wait for the vehicle to cool down sufficiently in the shade before washing it.

1. Use a water pipe to wash off loose dirt and all mud or saline-alkali substances at the bottom of the vehicle and sunken parts of wheels.
2. Clean the vehicle with a neutral washing agent mixed according to the manufacturer’ s instructions. Gently wipe the vehicle from top to bottom along the direction of the water flow with a soft cloth dipped in the cleaning solution. Do not wipe horizontally or in a circular motion.
3. Rinse thoroughly. Otherwise, the washing agent results in stripes after air drying. After the vehicle is washed in hot weather, all parts must be correctly rinsed with clean water.
4. In order to prevent water stains, wipe the vehicle body dry with a clean soft towel, and avoid wiping or pressing hard, otherwise the paint surface may be scratched.

REMINDER

- Do not use strongly alkaline washing powder, soapy water, detergents, de-waxing detergents, or organic matters (gasoline, kerosene, volatile oil, or strong solvent) to clean the vehicle.
- When cleaning the combination lights, do not wipe their surface with chemical solvents such as gasoline, alcohol, lacquer thinner, thinner and carbon tetrachloride. Doing so will cause the combination light casings to crack.

REMINDER

- It is recommended that vehicles traveling in coastal or heavily polluted areas be washed once a day.
- Do not use blades or gasoline to remove hard dirt from the vehicle body. The plastic wheel trim is easily damaged by organic matter. If any organic matter splashes on the vehicle trim, remove it with water and check whether the trim is damaged. Please replace any seriously damaged plastic wheel trim in time. Otherwise, the trim may fall from the wheel during vehicle movement and cause an accident.
- Do not use abrasive cleaning agents to scrub the bumper.
- Clean polished metal parts with carbon cleaner and wax them regularly for protection.

Automatic Car Washing

Some types of brushes, unfiltered water, or machine-defined rinse procedures in automatic car wash stations may scratch or damage the paint surface. The scratches reduce the durability and glossiness of the paint surface, especially for dark-colored vehicles. Before washing the vehicle, consulting the staff of the vehicle wash station for the safest wash procedure for the paint surface is a better choice.

Interior Cleaning

REMINDER

- When cleaning the interior or exterior of the vehicle, do not

REMINDER

allow water to flow onto the floor and dashboard, as water entering nearby electrical components may cause malfunction.

Carpet

- Clean carpets with a high-quality foam detergent.
- Firstly, use a vacuum cleaner to clean the dust as much as possible. There are several types of foam detergents that can be used. Some are filled in spray cans, and others are in powder or liquid forms, producing foam by mixing with water. Clean carpets with foam-soaked sponges or brushes and scrub them in circular motions.
- Do not use plain water only, and keep the carpets as dry as possible.

Seat Belts

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

CAUTION

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

Doors and Windows

- Doors and windows can be cleaned with common household detergents.
- Gently wipe the inner side of the rear windshield along the left and right directions. Excessive force or wiping up and down may damage the heating wires of the rear defroster and antenna conductor.
- Check the door brake regularly. If obvious dust accumulation is found on the brake rod, wipe it with a wet soft cloth to remove dust on the surface, and then apply 0.3~0.8 g grease between the bracket and the rod riveted shaft, and between the rod and the sliding block.

CAUTION

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

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

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

CAUTION

- Do not use any organic matter (such as solvents, kerosene, alcohol, gasoline) or acid-base solutions. These chemicals can cause discoloration, staining, or flaking.
- Please confirm that the detergent or polishing agent to be used does not contain the above substances.
- If a new-type liquid car washer is used, do not splash it onto the interior surface of the vehicle, because it may contain the above

CAUTION

substances. Clear any splashed liquid quickly.

Leather

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

CAUTION

- If dirt cannot be cleaned off using a neutral detergent, clean it with a detergent that does not contain organic solvents.
- Do not clean leather with any organic material such as volatile oil, alcohol, gasoline, acid or alkali, as these will cause discoloration.
- Do not clean leather with a nylon brush or synthetic fiber cloth, as these may scratch the fine patterns on the leather surface.
- Mold may grow on dirty leather trimmings. Special care must be taken to avoid oil stains and atrimmings must always be kept clean.
- Prolonged exposure to sunlight will cause leather to harden or shrink. so the vehicle should be parked in a shady and cool place, especially in the summer.

CAUTION

- In hot weather, avoid placing vinyl or waxy items on the trimmings, as these may stick to leather in high temperatures.
- Improper cleaning of leather trimmings may cause discoloration or spots.

Self-Maintenance

Self-Maintenance

Precautions for selfmaintenance

- If you want to carry out maintenance by yourself, make sure to correctly follow the steps specified in this chapter.
- It should be noted that incorrect and incomplete maintenance will affect the driving experience.
- This chapter only lists the instructions for some simple maintenance operations that the user can carry out. However, there are still many items that must be completed by qualified technicians with special tools.
- Special care must be taken during vehicle maintenance to prevent accidental injury. The following precautions must be observed.

CAUTION

- If coolant overflows, wipe it with a dry cloth or tissue to prevent damage to components or vehicle paint and add coolant in time.
- If brake fluid overflows, rinse it with water to prevent damage to components or vehicle paint.

CAUTION

- Do not drive the vehicle with the air filter removed; otherwise, the engine is excessively worn.
- When replacing wiper blades, do not allow the wipers to scratch the glass surface.
- Before closing the hood, check whether any tool or wipe cloth is left in the engine compartment.

REMINDER

- Do not smoke in or near the vehicle to avoid sparks or open flames that may cause fire.
- When working inside or under the vehicle, always wear goggles to protect your eyes against flying or falling objects or splashing liquid.
- As brake fluid may damage the skin or eyes, be careful when filling it. If your skin or eyes are exposed to brake fluid, immediately flush with clean water. If you still feel uncomfortable with your hands or eyes, seek medical attention immediately.

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

- Coolant level: The radiator and expansion tank should be checked at each charge.
- Windshield washer fluid - check the amount of washer fluid in the fluid reservoir once a month. If the washer fluid is frequently used due to bad weather, increase the frequency of checking.
- Windshield wipers - check the wiper condition once a month. If the wiper cannot clean the windshield completely, check if any damage such as wear and cracking exists.
- Brake fluid level - check the fluid level at least once a month.
- Brake pedal - check whether the brake pedal functions normally.
- EPB switch - check whether the switch functions well.
- 12V battery - check the battery condition and terminal corrosion once a month.
- A/C system - check the operation of the A/C unit weekly.
- Tires - check tire pressure monthly. Check the condition of wear and any embedded objects on the tire surface. Check tread wear and whether there are foreign bodies embedded.
- Windshield defroster - check the defroster outlet once a month while using the heater and A/C.
- Lights - check the lighting system once a month to confirm the state of working.
- Doors - check whether the boot lid and doors can be opened and closed normally and locked firmly.
- Horn - check whether the horn functions normally.

CAUTION

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

Lights

Headlight alignment

Headlights of new vehicles are aligned before their delivery. If the vehicle often carries a large load, headlights may need to be re-aligned. It is recommended that headlights be aligned by a BYD-authorized dealer or service provider.

Fogging of lights

- After heavy rain or cleaning, fog may appear on the covers of combination lights, tail lights, or turn signals in external rearview mirrors. This is similar to the condensation phenomenon of the windows on one side of the vehicle during rain, which does not indicate that your vehicle is faulty.
- The inside space of lights is relatively closed and narrow, so the temperature inside the lights is very high when they stay on, and the cover and reflector tend to be burnt and deformed due to high temperature.Therefore, lights need heat dissipation. Light covers are designed with holes for heat dissipation through convection with the surrounding environment. The larger the temperature difference, the more active the convection. In the process of convection, the water vapor in the air is inevitably brought inside the water vapor in the air is inevitably brought inside lights. Due to the influence of sun exposure, convection, bulb heating, and other factors, the water vapor in the air is easy to condense into fog or water droplets on light surfaces with low temperatures. That is why the fog on light covers forms.

CAUTION

- If fog presents inside the headlight and inside the turn signal on the side mirror, it may be due to high air humidity or significant temperature difference between the vehicle and its surroundings.

CAUTION

In that case, turn on the headlight or turn signal while driving. The fog will evaporate after a short period of driving.

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

Sunroof Maintenance

Panoramic Sunroof Maintenance

1. Wipe any dust or sand from the sunroof outer sealing strip with a wet cloth and do not scratch it, for that degrades its sealing performance.
2. Wipe any dust or sand on the injection molding edge of the front glass with a wet cloth and do not scratch the sealing strip, for that degrades the sealing performance;
3. Clean the front end of the rear glass frequently (after the front glass is fully opened) to remove dust, sand, leaves and other debris to prevent drain holes from blockage;
4. Clean the guide rails on both sides and the front flume frequently to prevent dust, sand, leaves and other debris to prevent drain holes from blockage;
5. When washing the vehicle, avoid aiming any high-pressure water guns directly at the sealing strip. This not only easily deforms or damages the sealing strip, but also easily causes water seeping into the vehicle;
6. In winter, if the frozen sunroof is opened, the sealing strip or other parts may be damaged. The vehicle should first be preheated, and the HVAC system should be turned on to

speed up the melting of snow and ice. Open the sunroof only after the vehicle is warmer. To avoid the sunroof from freezing again, dry the residual water on the sunroof.

7. Do not fully open the sunroof on extremely bumpy roads, as the strong vibration may cause deformation of related components or even damage the motor. In addition, sunroof is not to be opened when it is raining or when the vehicle is being cleaned.

Ordinary sunroof maintenance

1. Wipe any dust or sand from the sunroof outer sealing strip with a wet cloth and do not scratch it, for that degrades its sealing performance.
2. Wipe any dust or sand on roof sheet metal with a wet cloth and do not scratch the sealing strip, for that may wear sealing strip when the sunroof moving and degrade the sealing performance;
3. Clean the guide rails on both sides and the front flume frequently to prevent dust, sand, leaves and other debris to avoid water seeping into the vehicle;
4. When washing the vehicle, avoid aiming any high-pressure water guns directly at the sealing strip. This not only easily deforms or damages the sealing strip, but also easily causes water seeping into the vehicle;
5. In winter, if the frozen sunroof is opened, the sealing strip or other parts may be damaged. The vehicle should first be preheated, and the HVAC system should be turned on to speed up the melting of snow and ice. Open the sunroof only after the vehicle is warmer. To avoid the sunroof from freezing again, dry the residual water on the sunroof.
6. Do not fully open the sunroof on extremely bumpy roads, as the strong vibration may cause deformation of related components or even damage the motor. In addition, sunroof is not to be opened when it is raining or when the vehicle is being cleaned.

Vehicle Storage

- If the vehicle needs to be parked for a long time (more than one month), the following preparations shall be made. Proper preparation helps to prevent deterioration of vehicle conditions and makes it easy for the next use of the vehicle. If possible, park the vehicle indoors.
- Clean and dry the vehicle body thoroughly.
- Clean the interior of the vehicle to ensure that the carpet and other trimmings are completely dry.
- Shift the gear to P gear.
- Open the window on one side slightly (when parking indoors).
- Pad the front wiper arm with a folded towel or cloth so as not to contact the windshield.
- To reduce sticking, spray silicone lubricant on the sealing parts of all doors and the boot lid, and apply vehicle body wax on the paint surface where the sealing strips of doors and boot lid contact.
- Cover the vehicle body with a breathable covering made of porous material such as cotton cloth. Non-porous materials, such as plastic sheeting, can build up moisture and damage the paint.

REMINDER

- Before transportation or storage, it is recommended that SOC is kept over 50% to ensure the performance of the high-voltage battery and normal power supply of the 12V battery during transportation or storage.

Hood

Opening the hood

1. Shift to P or N gear, and engage the EPB. Pull up the hood opening handle on the right side of the lower body of the dashboard for 2 consecutive times to slightly open the hood.

2. Open the hood and lift it up. The hood automatically rises to open.

Closing the hood

1. Pull the hood downward to make its lock ring contact with the front compartment lock. Place both hands in the area shown in the figure in the front of the hood, and then press down hard to completely lock the hood.
2. After closing the hood, check whether the latch is securely locked.

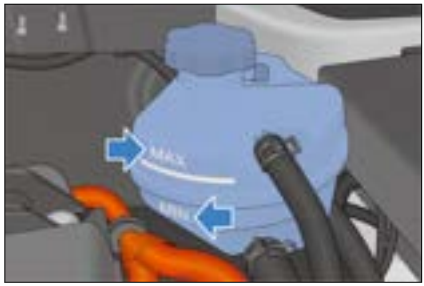
REMINDER

- Ensure that the hood is closed and locked firmly before driving. Otherwise, the hood may suddenly open during driving, resulting in an accident.

Cooling System

Low-temperature expansion tank

2WD



4WD

High-temperature expansion tank

- The fluid level meets the requirement when it is between the MAX (maximum fluid level) and MIN (minimum fluid level) marks of the expansion tank.
- Always use the coolant with specifications same as the original manufacturer's product. No admixture is required. Different brands and types of refrigerant should not be mixed.

REMINDER

- Go to a BYD authorized dealer or service provider for coolant addition.

CAUTION

- Never add any rust inhibitor or other additives to the cooling system. The additives may be incompatible with coolant or motor components.

CAUTION

- Before opening the coolant reservoir cover, make sure that the engine, motor, HV electronic control integrated module, coolant reservoir cover and radiator have cooled down. Otherwise, the coolant may eject and cause serious burns.
- Do not open the upper cover of the front compartment fuse box when filling the coolant.
- Fill the coolant with a special tool to prevent the coolant from flowing into the fuse box.

Washer

- During normal use, check the fluid level of the windshield washer reservoir at least once a month.
- In bad weather, if the washer is often used, check the washer fluid reservoir level more frequently.
- High-quality windshield washer fluid should be added to improve the decontamination ability and prevent freezing in cold weather.

- When you add washer fluid to the fluid reservoir again, use a piece of clean cloth dipped with windshield washer fluid to clean the windshield wiper

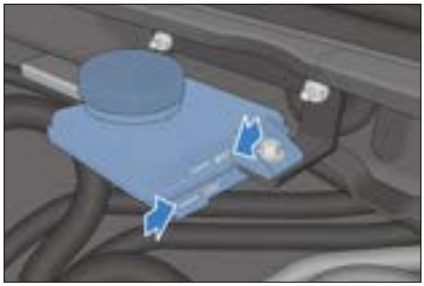
blade, which helps keep the blade edge in good condition.

CAUTION

- Do not inject vinegar-water solution into the windshield washer fluid reservoir.
- It is recommended to use certified windshield washing fluid.

Braking System

The fluid level should be between MIN and MAX marks on the reservoir wall. If the fluid level is at or below the MIN (lower limit) mark, Check the brake system for leakage, and check the brake pad for wear.



REMINDER

- Check the fluid level in the reservoir at least once a month.
- Replace the brake fluid according to the driving time and mileage specified in the regular maintenance schedule.
- Please use HZY6/DOT4 brake fluid of the same model as that of BYD. Other models of brake fluid are not applicable to the braking system of this vehicle.

Engine Oil

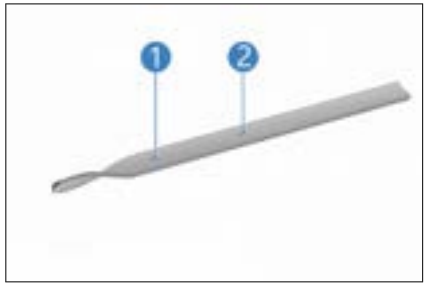
- Be sure to use engine oil with right specifications.
- When purchasing engine oil, check the oil specifications marked on the packaging container, which must conform to the using regulations for this vehicle.

Recommended engine oil

- Engine oil plays an important role in ensuring the performance and service life of the engine, so high-quality purified engine oil should be used. It is recommended that you choose BYD original engine oil.
- Engine oil consumption is related to driving habits, weather conditions, and road conditions. The engine oil consumption rate of new engines may be higher.

Check engine oil

1. Park the vehicle on a level road, start the engine till it reaches the normal working temperature, and then shut down the engine.
2. After shutdown for 10min, remove the cover plate on the right side, pull out the oil dipstick, observe the oil level and oil condition, and check whether the oil level is between ① and ②. Add or replace oil as required.



3. Insert the oil dipstick back.

- When the low oil pressure warning light illuminates, please add oil in time.

WARNING

- Be careful not to splash oil on other vehicle components.
- The engine oil, engine components, and exhaust system are all with high temperatures, which may cause burns. Be careful and wear protective clothing when working in the front compartment.
- Long-time or frequent contact with used engine oil causes skin diseases. Use soapy water and clean water to wash the oil on the skin.

A/C System

A/C System

The A/C system is a closed system, and any important maintenance work should be carried out by professionals from a BYD authorized dealer or service provider.

The following can be done to ensure effective operation of the A/C system.

- Check the radiator and A/C condenser regularly. Remove leaves, insects and dust accumulated on the front surface. These deposits hinder the airflow and reduce the cooling effect. Contact a BYD authorized dealer or service provider for handling.
- In cold months, it is recommended that the A/C is turned on once a week for at least 10min to circulate the lubricating oil in the refrigerant unit.
- If A/C efficiency decreases, go to a BYD authorized dealer or service provider for maintenance.

CAUTION

- Whenever the A/C system is maintained, the maintenance station should use a refrigerant recycling system.
- The system can recycle refrigerant to avoid environmental pollution caused by directly discharging refrigerant.

Wiper Blades

The rubber strip of the wiper blade is made of synthetic rubber, which is a vulnerable part. The wiper blade may be damaged in the service environment of various vehicles and by the driver's use habits. Therefore, in order to ensure the service life of the wiper blade and the driving safety of the vehicle, pay attention to the following precautions:

- Remove the ice on the windshield surface with a special ice scraper, rather than with the wiper blades.
- Do not wipe on dirty, oily or waxy windshield surfaces.
- Keep the windshield surface clean. Do not wipe dust, sand, insects, and other objects on the windshield surface.
- Do not wax the windshield when washing the vehicle and maintaining the body paint, as the wax layer reflects light in poor light, consequently affecting the sight and driving safety. Rinse the wiper blades with purified water after washing the vehicle and remove the wax layer on the windshield with special glass wax layer cleaning agent.
- Do not wash the wiper blade directly with a water gun to prevent damage to the wiper blade due to excessive water pressure.

Maintenance Rules

- Clean the windshield and wiper blades regularly (once every one or two weeks).
- Even if there is no rain, it is recommended to wipe regularly (once every day or once every two days).
- Keep the windshield fully wet when wiping with wiper blades (when it is not raining, the washer fluid must be sprayed on the windshield in advance).
- Clean the windshield with special cleaning agent.
- Wipe the windshield with a rag in time if it is attached with soil and dead insects.
- Maintain the windshield in time in case of scratches by gravel knocking (it is recommended to use resin products for the windshield repair, and replace the windshield in case of many or excessive scratches).
- Replace the wiper blade regularly, and an interval of six months is recommended.
- Lift the wiper arms up prior to cleaning the windshield.

Tires Maintenance

- In order to drive safely, tire type and size must be suitable for the vehicle. The tire tread should be in good condition and the tire pressure should be within the standard range.
- The following is detailed description of how to check the tire pressure, tire damage and wear, and the operation method of tire rotation.

WARNING

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

Inflation

- Keeping tires properly inflated provides the best combination of maneuverability, tread-wear life, and driving comfort.
- Driving with underinflated tires leads to uneven tire wear, affect maneuverability and power consumption, and even may cause air leakage due to overheating.
- Driving with overinflated tires reduces the comfort of the vehicle, and is also more likely to be damaged due to uneven road surfaces. In severe cases, there is a risk of tire burst, which seriously threatens the safety of the vehicle. At the same time, it also leads to uneven wear of tires, thus affecting the service life of tires.
- The vehicle is equipped with a tire pressure monitoring device. In a cold state, you decide whether to inflate the tires according to the tire pressure values displayed on the instrument cluster.
- Measure the tire pressures when the tires are cold. This means the measurement should be carried out at least three hours after stopping the vehicle. If you have to drive before measuring the tire pressures, as long as the driving distance does not exceed 1.6 km, the tires can still be considered to be in a cold state.

- If the tire pressures are checked when the tires are hot (after several kilometers of driving), the pressure readings are 30~40 kPa (0.3~0.4 kgf/cm^2) higher than those in the cold state. This is normal. Do not deflate the tires to reach the tire pressure readings specified for the cold state, otherwise, the tire pressures are insufficient.

REMINDER

- The recommended cold tyre pressure is indicated on the label affixed to the driver's door frame.

- Tubeless tires can self-seal punctures. However, as leakage is usually very slow, the leaks should be carefully identified as soon as the tire begins to depressurize.

Checks

- Whenever checking tire inflation, check tires for damage, foreign body piercing and wear.
  - Replace the tire if bumps, or tread or side damage are found. Tires should be replaced if any of the case happens.
  - Replace the tire if there are cracks on its side, or if its fabric or cord can be seen.

- Replace tires with excessive tread wear.
- Wear marks are cast inside tire treads. When the tread is worn at this point, a band mark is shown across the tread, indicating the tread thickness is less than 1.6 mm. The adhesion of tires worn to this extent is very small on wet roads.
- When the tread is worn to the point where the wear mark is exposed, there is serious performance loss, and the tires must be replaced.

Maintenance

- In addition to proper inflation, correct wheel alignment can also help reduce tread wear.
- If uneven tire wear is found, drive the vehicle to a BYD authorized dealer or service provider to check wheel alignment.
- The vehicle has been balanced in the factory, but tires need to be re-balanced after driving for a period of time.
- If you feel continuous vibration when driving at a high speed (80 km/h) but not at a low speed, it is recommended to drive your vehicle to a BYD authorized dealer or service provider for a tire inspection.
- Be sure to balance the tire again after a tire is repaired.
- When installing a new tire or replacing a new wheel, always perform tire balancing.

CAUTION

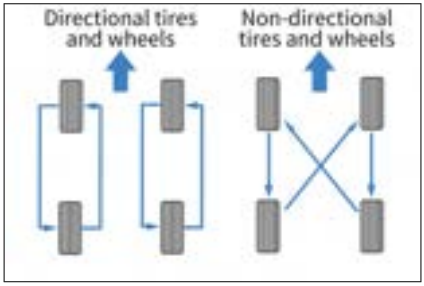
- Improper wheel balancers will get stuck, become loose and fall off. While driving, this will damage the car or surrounding objects.
- Improper wheel balancers will damage the aluminum rims of

CAUTION

the vehicle. Therefore, it is recommended to use original wheel balancers.

Tire rotation

- In order to make tire wear the same and prolong the service life of tires, it is recommended to perform tire rotation regularly and conduct four-wheel alignment, inspection and adjustment as well.
- Do not rotate tires when a spare tire is used for the vehicle.



- When purchasing and replacing tires, you may find that some tires are "directional", indicating those tires can be rotated in only one direction. If directional tires are used, only the front and rear wheels can be swapped in tire rotation. See the figure.

Replacing Tires and Wheels

- The original tires of this vehicle are selected to maximize the performance of the vehicle, and can provide you with the best combination of maneuverability, riding comfort, and service life.
- It is recommended to drive the vehicle to a BYD authorized dealer or service provider for new original tires.
- If radial tires with different dimensions, load range, rated speed and maximum cold tire pressure (marked on the side of the tire) from that of the original tires are used for replacement, or radial tires and diagonal tires are used at the same time, the braking capacity, driving force (ground adhesion) and steering accuracy of the vehicle are reduced.
- Installing improper tires affect the operational sensitivity and stability of the vehicle, and may cause accidents and casualties.
- It is better to replace four tires at the same time. If it is impossible or unnecessary, replace the pair of front tires or rear tires at the same time. Replacing only one tire seriously affects the maneuverability of the vehicle.
- ABS (Anti-lock brake system) works by comparing the speed of wheels. When replacing a tire, use a tire of the same size as the original tire. The size and structure of the tire can affect wheel speed and may lead to uncoordinated system operation.
- If the wheels need to be replaced, make sure that the specifications of the new wheels are consistent with those of the original ones. New wheels can be purchased from a BYD authorized dealer or service provider. Before replacing wheels, consult a BYD authorized dealer or service provider.

REMINDER

Please observe the following precautions to ensure proper vehicle performance and control.

- Do not mix radial tires, bias belted tires, or diagonal ply tires on the vehicle.

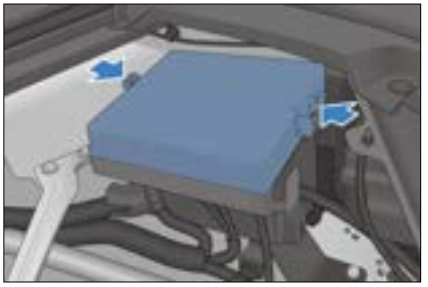
REMINDER

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

Fuses

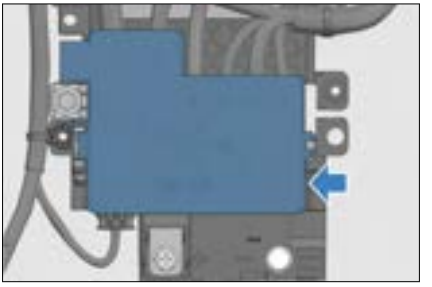
All circuits on the vehicle are equipped with fuses to prevent short circuits or overloads. These fuses are installed in 4 fuse boxes respectively.

- The front compartment fuse box is located beside the left fender of front compartment.
  - Remove the upper cover of the front compartment fuse box, and turn over the upper cover to check the label of the front compartment fuse box.



- The dashboard fuse box is located in the lower shield of the dashboard.
  - Remove the right shield of the dashboard first and then the lower shield to check the dashboard fuse.

- The positive pole fuse box is located under the driver’ s seat.
  - Dismentlethe driver’ s seat and open the positive pole fuse box cover to check it.



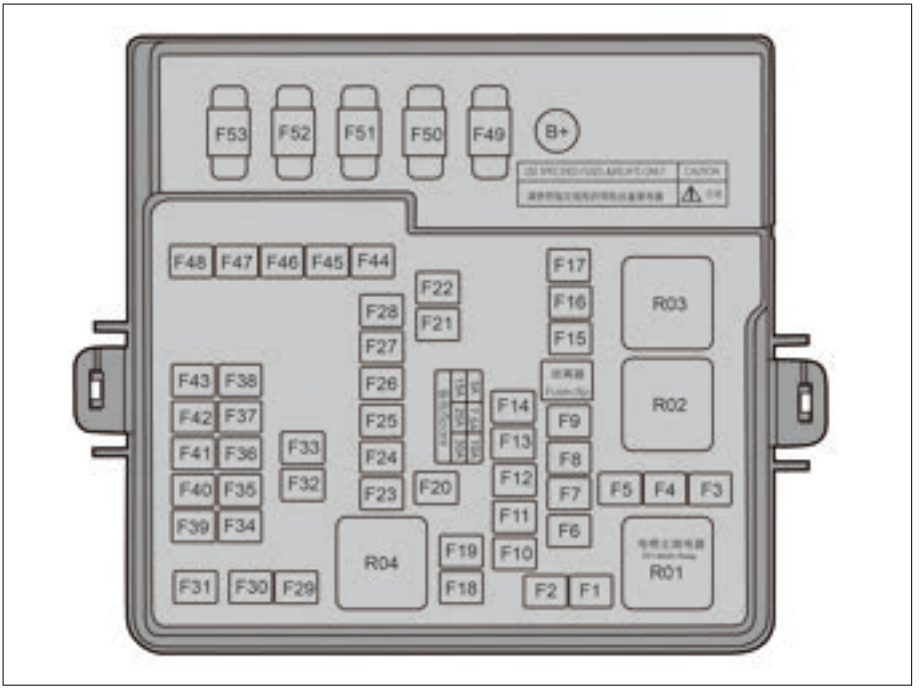
REMINDER

- Do not use any fuse with an amperage higher than the rated value, or any other object to replace fuses. Doing so can result in serious damage and potentially cause a fire.
- Do not open the upper cover of the front compartment fuse box when filling the coolant.
- Fill the coolant with a special tool to prevent the coolant from flowing into the fuse box.

- Replacement of blown fuses with ones of higher amperage can significantly increase the likelihood of damage to the electrical system.

- If you do not have a substitution fuse with an amperage matching the circuit, you should replace it with a fuse with a lower amperage.

Under-Hood Fuse Box Nameplate

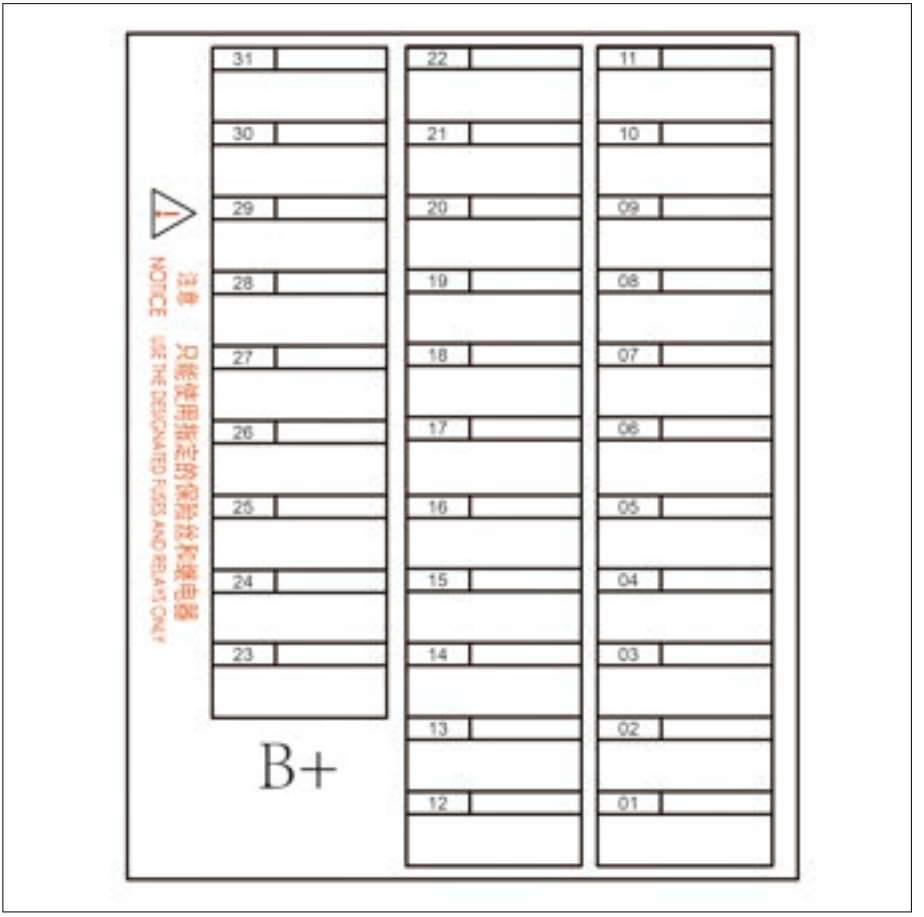


No.	Ampere (A)	Protected Component or Circuit
F1	40	Electronic fuel injection system
F2	-	-
F3	10	Fuel injector
F4	30	Electronic fuel injection system ECU
F5	20	Ignition coil
F6	15	Ignition coil
F7	10	Oxygen sensor
F8	-	-

No.	Ampere (A)	Protected Component or Circuit
F9	5	Engine ECU
F10	15	Left combination headlight
F11	15	Right combination headlight
F12	7.5	Compressor
F13	10	Motor controller
F14	10	Rear motor controller
F15	5	Vehicle controller
F16	40	Constant power
F17	-	-
F18	-	-
F19	-	-
F20	-	-
F21	30	Front wiper
F22	30	Rear windshield defroster
F23	10	Vehicle control unit
F24	10	Electrically controlled coolant pump
F25	10	BMS
F26	10	USB
F27	15	Auxiliary power
F28	-	-
F29	-	-
F30	60	ESC
F31	25	Low-temperature cooling water pump
F32	-	-
F33	5	BMS
F34	15	Steering Wheel Heating

No.	Ampere (A)	Protected Component or Circuit
F35	5	Rear body controller
F36	7.5	Engine ECU
F37	7.5	ETC
F38	10	SRS
F39	5	ADAS
F40	-	-
F41	5	EPS
F42	5	ESC
F43	-	-
F44	60	ESC
F45	-	-
F46	-	-
F47	-	-
F48	10	Rear Wiper
F49	-	-
F50	-	-
F51	60	Blower
F52	-	-
F53	60	Engine water pump

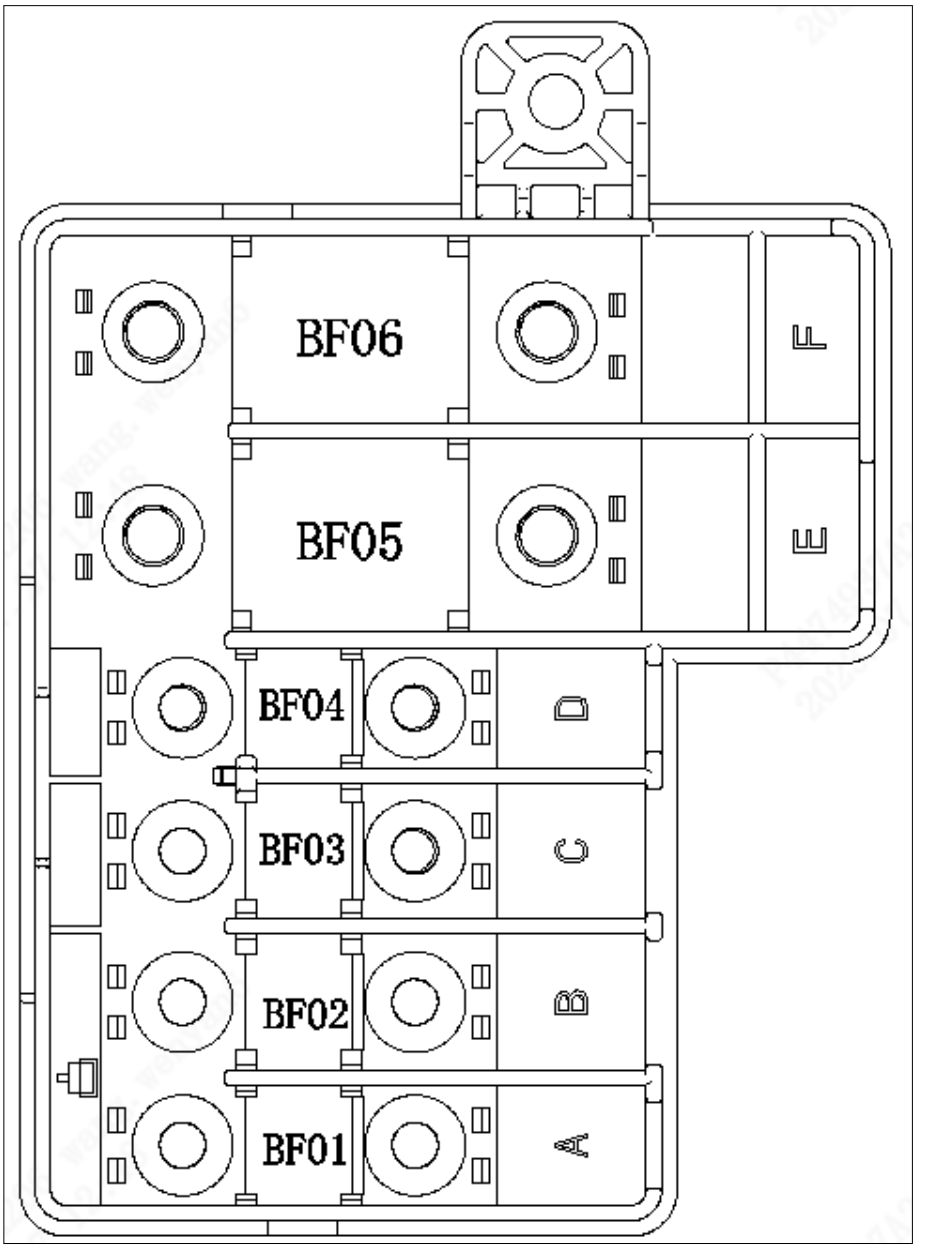
Dashboard PDB nameplate



SN	Ampere (A)	Protected Component or Circuit
01	30	Rear body controller
02	-	-
03	10	Alcohol interlock
04	10	Diagnostic port
05	10	Wireless charger
06	5	Gearshift panel

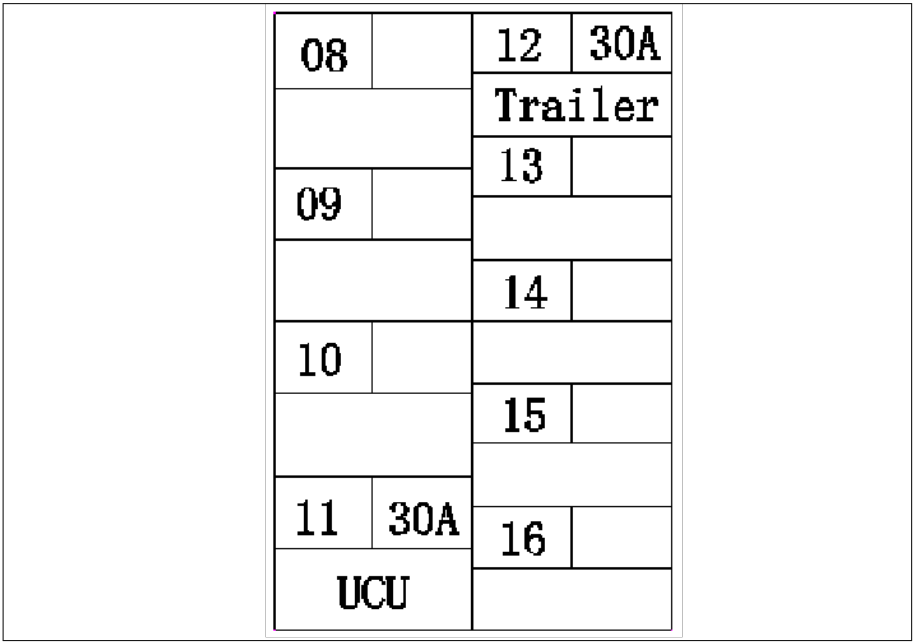
SN	Ampere (A)	Protected Component or Circuit
07	5	Brake light switch
08	20	Infotainment
09	20	External power amplifier
10	5	ADAS
11	10	Combination switch
12	-	-
13	-	-
14	20	Low pressure fuel pump
15	10	Rear left combination light
16	10	Rear right combination light
17	5	On-board charger
18	5	Tank isolating valve
19	30	Rear body controller
20	30	Rear body controller
21	30	Left front electric seat
22	30	Right front electric seat
23	15	Rear USB
24	20	Trailer hitch
25	-	-
26	-	-
27	-	-
28	-	-
29	-	-
30	-	-
31	-	-

Positive Pole Fuse Box Nameplate



No.	Ampere (A)	Descriptions
BF01	70	C-EPS
BF02	200	right body control module
BF03	60	External fuse holder
BF04	125	Stepless fan
BF05	200	left body control module
BF06	350	DC

External fuse holder



No.	Ampere (A)	Descriptions
8	-	-
9	-	-
10	-	-
11	30	UCU
12	30	Trailer

No.	Ampere (A)	Descriptions
13	-	-
14	-	-
15	-	-
16	-	-

07 WHEN FAULTS OCCUR

When Faults Occur

If Smart Key Battery is Exhausted

REMINDER

- If the vehicle needs to be stopped urgently due to fault, please wear the reflective vest provided with the vehicle in time.

If the electronic smart key indicator does not flash, and the vehicle cannot be started with the start function, the battery may be exhausted. Contact a BYD authorized dealer or service provider for battery replacement as soon as possible. In this case, the vehicle can be started in the power-off mode.

CAUTION

- Do not place the smart key in a position exposed to high temperature.
- Do not hit or slam the key with hard objects.
- Put the key far away from a magnetic field.
- If the vehicle is not to be used after the vehicle enters the anti-theft state with doors locked, please keep the key far away from the vehicle to avoid 12V battery consumption resulting from automatic key locating function.

1. Unlock with the mechanical key.
2. Depress the brake pedal and meanwhile press the START/ STOP button, and the smart key warning light on the instrument cluster goes on, with a beep from the instrument cluster buzzer.
3. Within 30s after a beep from the instrument cluster buzzer, place the smart key close to the no-power mark of the auxiliary dashboard (as the figure shows). Then, the smart key warning light goes out and the vehicle is started within 5s.

If the Vehicle Cannot Power on

Simple Checks

Before the inspection, make sure that the vehicle is started according to the correct starting procedure (refer to Starting the Vehicle in the chapter of USING AND DRIVING) and check whether the fuel is sufficient. At the same time, check whether the vehicle can be started with the spare key. If it can be started, the original key may have been damaged. In this case, have the key checked by a BYD authorized service provider. If all keys cannot be used, the key or smart key system may fail. In this case, contact a BYD authorized dealer or service provider.

If the motor drives the engine to rotate at normal speed but the engine cannot run:

1. Restart the vehicle.
2. If the engine cannot be started, the engine may flood due to repeated

starts. In severe cold areas, failure to start the engine may cause engine cylinder flooding, so it is necessary to carry out cylinder cleaning:

- When the OK indicator stays on, switch to ECO mode, shut down the engine, and then shift to the N gear.
- Press the P button. Press the brake and accelerator pedals to the deepest positions at the same time, and wait for several seconds to activate the cylinder cleaning function.

3. If the engine still cannot be started, adjustment or repair is required. Contact a BYD authorized dealer or service provider immediately.

Engine Flameout During Driving

- Slowly reduce the speed and keep driving in a straight line. Carefully drive the vehicle off the road to a safe place.
- Turn on the hazard warning lights.
- Trying again in HEV mode in P gear in situ on the throttle to generate power.
- Check the SOC value and check the dashboard warning light. If the meter engine alarms,you need to contact a BYD authorized dealer or service provider.
- The engine starts and stops frequently due to the lack of fuel.
  - If there is little fuel in the fuel tank, it is normal to repeat the startup and shutdown cycle; if it is identified that there is little fuel in the fuel tank, the engine starts and shut down repeatedly, thus failing to start. If the fuel in the tank is used up before refueling, the engine frequently starts and stops for some time. However, after the fuel pipe is filled with fuel, the engine enters the normal operation state.

Engine Overheated

If the engine coolant temperature gauge indicates a high level and power loss is found, it indicates that the engine is overheated, and the following procedures should be followed:

1. Drive the vehicle away from heavy traffic and park it in a safe place. Turn on the hazard warning light switch, pull the EPB switch, and press P gear button. If the A/C is used, turn off the A/C and place a warning triangle at the corresponding position behind the vehicle according to the regulations.
2. If steam is coming out of the front compartment,coolant may be spraying out of the or leaking,turn off the vehicle and open the front compartment after the steam subsides. If no coolant is sprayed, keep the engine running and confirm that the cooling fan is working. If the fan is not working, stop the engine. In this case, it is recommended to contact a BYD authorized dealer or service provider.

REMINDER

- To avoid personal injury, keep the hood closed until no coolant flows out. The flow of coolant indicates high pressure.

3. Check the radiator, hose and vehicle underneath for obvious coolant leakage.

WARNING

- When the engine is running, keep hands and clothes at a certain

WARNING

distance from the rotating fan and engine pulley.

4. In case of coolant leakage, stop the engine immediately and contact a BYD authorized service provider for help.
5. If there is no obvious leakage, check the expansion tank. If coolant is insufficient, be sure to open the expansion tank cover after the engine coolant temperature drops to the normal value.When the engine is running, add coolant into the expansion tank to the upper scale mark. Cover the expansion tank cover properly and start the engine for 2 to 3 cycles (start the fan without turning on the A/C). After the engine coolant temperature drops to the normal value, check the level in the expansion tank again. If necessary, add more coolant to the appropriate scale. A serious loss of coolant indicates a leakage in the system. In this case, contact a BYD authorized service provider for inspection immediately.

WARNING

- To avoid serious injury caused by high-temperature steam and liquid ejection, do not open the auxiliary tank cover when the engine and radiator are hot.

After parking, if the high-voltage battery SOC is low, do not use the A/C for a long time, because it consumes battery SOC. Low battery SOC triggers the engine to generate electricity, which may cause an accident or fire due to engine overheating.

If the Vehicle Needs Towing

If the vehicle needs to be towed, it is recommended to contact a BYD authorized dealer or service provider or a professional towing service provider, or ask for assistance from the organization that provides roadside assistance.

WARNING

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

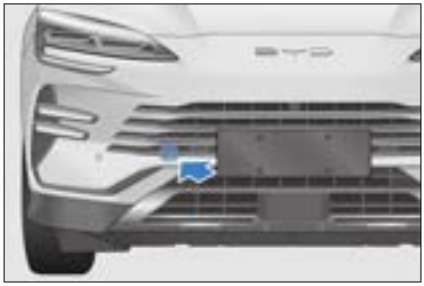
Common towing methods include:

- Flatbed device
  - When a vehicle breaks down and needs to be towed, a flatbed truck is the best option. The front and rear wheels must be off the ground when the vehicle is being towed, otherwise high-voltage components will be damaged.

Towing Hook

The position to fasten the front towing hook is shown in the figure.

1. Open the cover with a straight screwdriver.
2. Install the towing hook in the towing hole.



REMINDER

- It is not recommended to use the towing hook to tow the vehicle. It is better to contact a professional towing service provider or a roadside assistance service.
- Only the in-vehicle tow eye can be used. Otherwise, your vehicle will be damaged. Do not tow the vehicle from the rear with four wheels staying on the ground, to avoid damage to the vehicle.

If a Tire Goes Flat

- Maintain the lane position and gradually slow down the vehicle. Drive the vehicle off the busy road to a safe place. Park on solid, flat ground and avoid highway forks. Park on solid, flat ground.
- Pull EPB switch 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

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

In-Vehicle tools includes: warning triangle, reflective vest, removal clamp for wheel nut cap, jack rocker wrench, towing hook and so on.

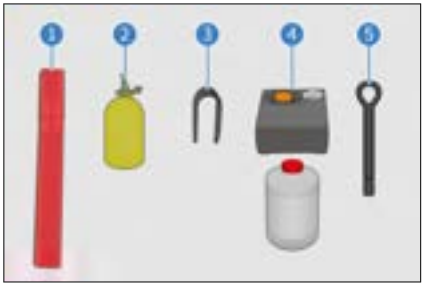
①Warning triangle

②Reflective vest

③Removal clamp for wheel nut cap

④Tire repair device

⑤Towing Hook



Placing the warning triangle

REMINDER

- When parking for repair, remember to place the red triangle side facing oncoming vehicles for warning and avoiding danger, 100-200 meters away from the parking vehicle. After the repair, recover the warning triangle for future use.

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

How to use the warning triangle:

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

Using the Tire Repair Device*

- The tire repair device can be used to seal small cuts, especially in the tread pattern. The tire repair device is only for emergency purposes so that you can drive the vehicle to the nearest maintenance center.

WARNING

- The tire sealant can repair holes within 6 mm in diameter. If the diameter is larger than 6 mm or the hole is in another position on the tire, do not use this product. Call for roadside assistance.
- Tire sealant is highly flammable and harmful to health. Take the necessary precautions to prevent fire and avoid contact with skin, eyes and clothing; keep away from children; and do not inhale its vapor.

In case of contact with tire sealant:

- If tire sealant comes into contact with the skin or gets into the eyes, thoroughly flush the affected body part immediately with plenty of clean water.
- Change contaminated clothing immediately.
- In case of an allergic reaction, seek medical attention immediately.
- If tire sealant is ingested by accident, rinse mouth thoroughly and drink plenty of water immediately. Do not induce vomiting, but seek medical attention immediately.

Usage of the Tire Repair Device

- Please refer to the label on the inflator for the detailed usage of the tire repair device.

- If the inflator needs to be connected to the power supply, please connect the power plug to the 12V outlet in the vehicle, start the vehicle, and turn on the inflator switch.The tire repair device is filled into the tire together with air through the hose of the inflator.

REMINDER

- When plugging the power plug into the backup power supply in the vehicle, make sure that the inflator pump is turned off.
- The inflator can only be turned on for up to 10 minutes.
- The working current of the backup power supply is less than 10A.
- During use, the voltage and power should not exceed the rated voltage of 12V and rated power of 120W marked on the backup power supply, otherwise, there are potential safety hazards.

WARNING

- When starting the vehicle, the vehicle should be located outdoors or in a well-ventilated place (such as a building). Running the engine in a nonventilated or poorly ventilated place may cause suffocation.

- Observe the tire pressure gauge reading on the inflator.
  - If the tire pressure does not reach 200 kPa (2.0 bar) within 10 minutes (red area shown in the figure), turn off the inflator. You are recommended to contact a BYD authorized dealer or service provider.

- If the tire pressure reaches between 200 and 320 kPa (between 2.0 and 3.2 bar) (green and yellow areas shown in the figure), remove the kit as soon as possible and drive at a speed below 80 km/h within 1 minute, with the furthest driving distance not exceeding 10 km, so that the tire sealant is evenly distributed within the tire.

- Stop and check the repaired tire, and observe again the tire pressure gauge reading on the inflator.
  - If the tire pressure is greater than 250 kPa (2.5 bar), drive to the nearest service center at a speed below 80 km/h.

- If the tire pressure is between 200 to 250 kPa (2.0 to 2.5 bar), inject the tire sealant into the tire and observe the tire pressure readings on the inflator.
- If the tire pressure does not reach 200 kPa (2.0 bar), contact a BYD authorized dealer or service provider.

REMINDER

- Using tire repair device on damaged tires is only an emergency solution. Please change the tires at a professional repair center as soon as possible. It is recommended that you contact a BYD authorized dealer or service provider and inform the maintenance technician that the tires contain tire sealant.
- After using the tire repair device, it is recommended that you purchase new tire sealant and inflation hose at a BYD authorized dealer or service provider.
- Avoid hard acceleration and high-speed turns.
- Do not exceed 80km/h and replace the flat tire as soon as possible (within 200km). Do not continue driving in case of strong vibration, unstable driving performance or noise during driving.
- When the tire sealant is about to expire (see the label on the can for the exact date), replace it with a new one.

08 SPECIFICATIONS

Vehicle Data

Vehicle Data

Dimensions:

Item	Data	
Product model	SEAL U 2WD	SEAL U 4WD
Length (mm)	4775	4775
Width(mm)(excluding external mirrors)	1890	1890
Height (mm)	1670	1670
Wheelbase (mm)	2765	2765
Front track (mm)	1630	1630
Rear track (mm)	1630	1630
Front overhang (mm)	1010	1010
Rear overhang (mm)	1000	1000
Approach angle (°)	19	19
Departure angle (°)	21	21

Vehicle mass:

Item	Data	
Product model	SEAL U 2WD	SEAL U 4WD
Curb weight (kg)	1940	2100
Curb weight - front axle load (kg)	1108	1152
Curb weight - rear axle load (kg)	832	948
Max. allowable total mass (kg)	2350	2510
Front axle load at max. allowable total mass (kg)	1220	1265
Rear axle load at max. allowable total mass (kg)	1130	1245
Number of occupants (persons)	5	5

Drive motor parameters:

Item	Data	
Engine Size	1.5L Configurations	1.5T Configurations
Drive Motor Model	TZ220XYE	TZ220XYS
Type	Permanent magnet synchronous motor	Permanent magnet synchronous motor
Drive type	2WD	4WD
Rated power/revolving speed/torque (kW/RPM/N · m)	60/4775/120	Front: 70/5570/120 Rear: 60/5172/112
Peak power/revolving speed/torque (kW/rpm/N · m)	145/15000/300	Front: 150/15000/300 Rear: 120/15000/250

Engine Data:

Item	Data	
Product model	SEAL U 2WD	SEAL U 4WD
Engine Model	BYD472QA	BYD476ZQC
Engine Type	Inline four-cylinder	Inline four-cylinder
Displacement(L)	1.498	1.497
Rated power of engine(kW/rpm)	81	102
Corresponding speed of rated power of engine(r/min)	6000	5200
Maximum net engine power(kW/rpm)	72	96
Corresponding speed of maximum net engine power(r/min)	6000	5200
Max. engine torque(N·m/rpm)	122/4000-4500	220/1500-4000
Rated power of engine/corresponding speed(kW/r/min)	81/6000	102/5200
Emission level	European emission standard	European emission standard

Vehicle power performance and economic efficiency:

Item	Data	
Product model	SEAL U 2WD	SEAL U 4WD
Maximum design speed	⩾170	⩾180
EV/HEV Maximum gradeability	⩾30/⩾30	⩾30/⩾30

Wheels and tires:

Item	Data
Tire specification	235/50R19
Tire pressure (kPa)	Front/Rear: 250/290(R19)
Wheel dynamic balance requirement (g)	⩽10g·cm (single side dispaly of dynamic balancer)

Wheel alignment parameters (under curb weight):

Item	SEAL U 2WD	SEAL U 4WD
Front wheel camber (°)	-0.84°±0.75°	-0.85°±0.75°
Front wheel toe-in (°)	0.14°±0.16°	0.21°±0.16°
Kingpin inclination angle (°)	11.1°±0.75°	11.13°±0.75°
Kingpin caster angle (°)	2.24°±0.75°	2.28°±0.75°
Rear wheel camber (°)	-0.62°±0.75°	-0.56°±0.75°
Rear wheel toe-in (°)	0.16°±0.16°	0.18°±0.16°

Braking system:

Item	Data
Free stroke of brake pedal (mm)	3.4-10.2
Front brake disc thickness (mm)	26-28
Rear brake disc thickness (mm)	9-11
Thickness of front brake pad (mm)	2-8
Thickness of rear brake pad (mm)	2-6.5

High-voltage battery

Item	Data	
Product model	SEAL U 2WD	SEAL U 4WD
High-voltage battery type	Lithium iron phosphate battery	Lithium iron phosphate battery
High-voltage battery rated capacity (AH)	54	54

Seats:

Item	Data
Set backrest angle of front seats	25°
Set front and rear positions of front seats	220 mm forward and 20 mm backward of slide rail, the slide rail angle of 4.5
Normal service conditions of front seatbacks	Design position of the backrest: 24.3° forward and 50.7 backward
Set backrest angle of rear seats	28°
Set front and rear positions of rear seats	Design position: 15° forward and 5.625° backward
Normal service conditions of third-row seatbacks	28°

Oil parameters (2WD):

Maintenance item	Model and specification	Filling Amount
BYD472QA engine oil	0W-20 oil meeting API SP (or ACEA C5) and above specifications	3.0L
EHS special gear oil	EHSF-2LV	2.5L for replacement(not replace filter assembly); 3.0L for replacement (replace filter assembly at the same time); 3.6L for overhaul
Brake fluid	SINOPEC HZY6	970ml±50ml
Coolant	Ethylene glycol type anti-rust antifreeze	High temperature: 7.5L±0.5L Low temperature: 6.0L+0.5L

Oil parameters (4WD):

Maintenance item	Model and specification	Filling Amount
BYD476QC engine oil	SP 0W-20; C5 0W-20 and meet the SN+/SP specification	3.7L with filter change;3.5L without filter change
EHS special gear oil	EHSF-2LV	3.0L for replacement(not replace filter assembly); 3.5L for replacement (replace filter assembly at the same time); 4.1L for overhaul
Special gear oil for rear drive motor assembly	Shell S3-ATF-MD3	0.8L
Brake fluid	SINOPEC HZY6	970ml±50ml
Coolant	Ethylene glycol type anti-rust antifreeze	High temperature: 7.5L±0.5L Low temperature: 7.0L±0.5L

Note:

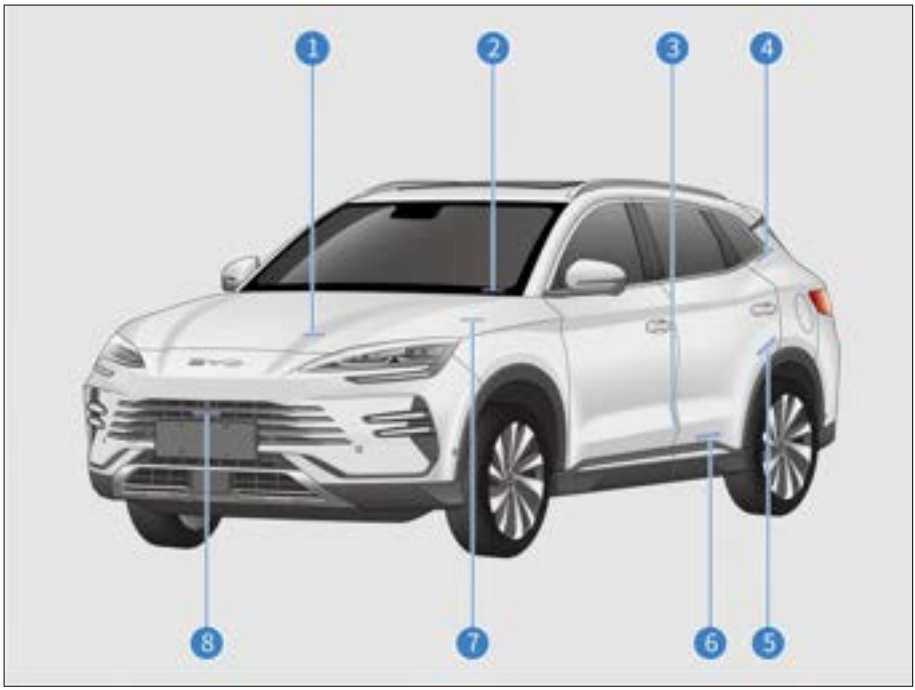
1 . The actual fuel consumption is related to vehicle conditions, road conditions, driving habits, and other factors.

2 . The vehicle body width does not include the side mirrors. The vehicle body height includes the roof rack and antenna base without the antenna.

Information

Vehicle Identification

Vehicle Identification Number (VIN)



①Attached to the gearbox;

②Attached to the VIN slot on the upper cover of the front windshield cross sill;

③Attached to inner sheet metal surface of front left door;

④Attached to sheet metal surface of left frame of boot lid;

⑤Attached to sheet metal surface above rear left wheel;

⑥Attached to the sheet metal surface of the inner panel of the rear left door sill;

⑦Attached to inner sheet metal surface of the hood;

⑧Attached to the front anti-collision beam;

Engraved under the front passenger seat.

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

Vehicle Nameplate

The vehicle nameplate is attached below the right B-pillar lock ring and contains the following information:

- Company name
- WVTA Certificate No.
- VIN
- Total Mass
- Trailer mass
- Maximum allowable mass of front axle
- Maximum allowable mass of rear axle

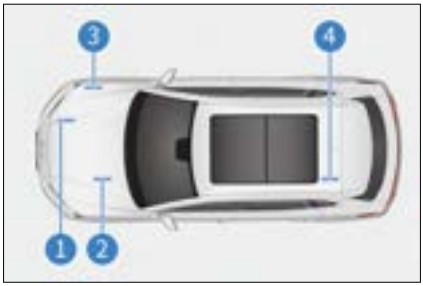
Model and Serial Number of Drive Motor

① The model and number of the engine are engraved on the engine block.

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

③ The model and number of the front drive motor are engraved on the inner panel of the hood.

④ The model and number of the rear drive motor are engraved on the rear drive motor housing.



Warning Labels

Side airbag warning labels are attached to the sheet metal surfaces under lock rings of left and right B-pillar door frames.

The tire pressure label is attached to the sheet metal surface of the right B-pillar door frame.

The battery position label is attached below the left B-pillar.

The child protection lock label is engraved on the rear door panel.

The A/C system label is attached to the right part of the inner hood surface.

The unleaded gasoline indication label is pasted on the inner side of the fuel filler hatch.

The warning label of the charging port cover is pasted on the inner side of the charging port cover.

The airbag label is hot-stamped on the inner and outer sides of the left sun visor.

The trunk lid opening label is attached to the outer sheet metal surface of the trunk lid, directly above the trunk lid button.

Transponder Mounting Position

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

CAUTION

- Do not overlap with the glass frame or other objects when attaching the electronic logo.

Numerics

A

B

C

D

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F

G

H

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L

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U

V

W

Abbreviation List

Abbreviations

Terminology	Name	Terminology	Name
ELR	Emergency Locking Retractor	ECU	Electronic Control Unit
SPORT	Sport	NORMAL	Normal
VTOL	Vehicle to Load	EPB	Electronic Parking Brake
CDP	Controller Deceleration Parking	AVH	Auto Vehicle Hold
TPMS	Tire Pressure Monitor System	VDC	Vehicle Dynamics Control
TCS	Traction Control System	HHC	Hill Hold Control
HBA	Hydraulic Brake Assit	HDC	Hill Descent Control
ABS	Antilock Braking System	VIN	Vehicle Identification Number