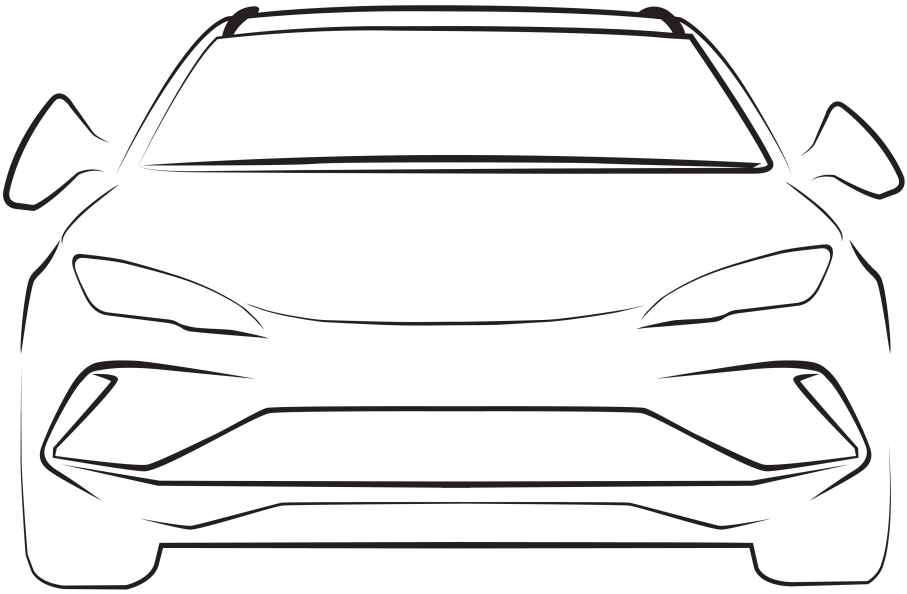
BYD SEAL 5

OWNER'S MANUAL



Foreword

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

Special instructions: BYD Auto Co., Ltd. recommends that you choose genuine spare parts and use, maintain, and repair the vehicle in accordance with this manual. The use of non-genuine spare parts to replace or modify the vehicle will affect the performance of the entire vehicle, especially its safety and durability. Vehicle damage and performance issues caused thereby will not be covered by the warranty. In addition, vehicle modifications may also violate national laws and regulations and local government regulations.

Thank you again for choosing BYD. Your valuable comments and suggestions are welcome. To enjoy better services, please provide your accurate contact information. If there is any change to the information, contact a BYD authorized dealer or service provider in a timely manner to update the information in the system. You are also advised to pay attention to the relevant national laws and regulations and local policies, and register the vehicle as soon as possible; otherwise vehicle registration may fail.

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

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

WARNING

Items that must be observed to ensure personal safety.

CAUTION

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

REMINDER

Items that must be observed to facilitate maintenance.

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

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

Sustainable Development

As a dynamic passenger vehicle, BYD SEAL 5 DM is an environmentally friendly product.For the environmental protection information of your vehicle, please inquire through the https://reach.bydeurope.com.

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

Contact us

If you have any questions about policies or procedures or need additional assistance, please contact our Customer Service Center.

Email: Autoservice.contact@byd.com

If you need 24/7 road assistance or contact the customer service center (9: 00-18: 00, Monday to Saturday), please call: 00800-10203000

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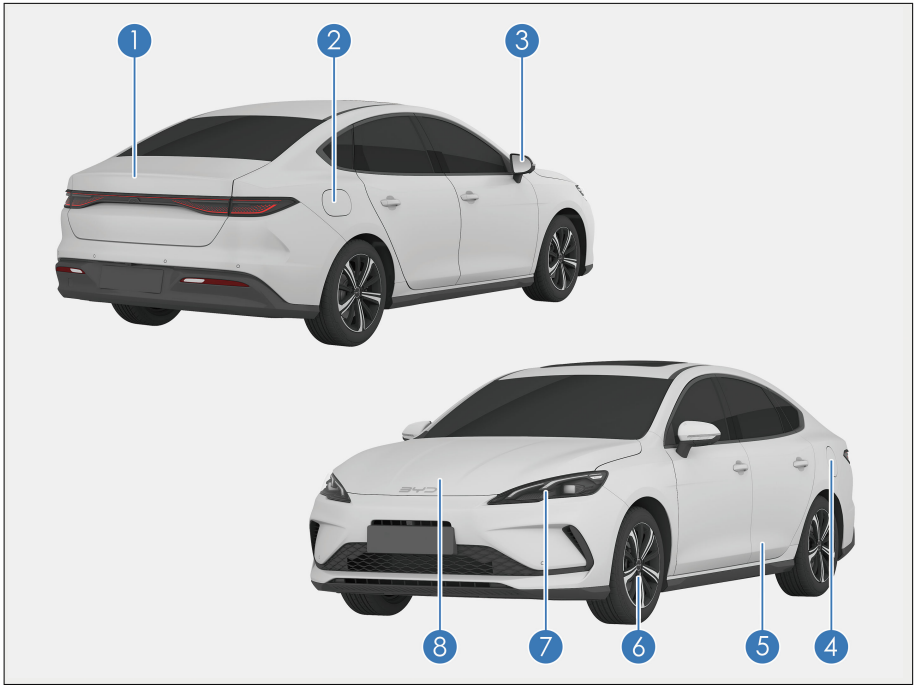
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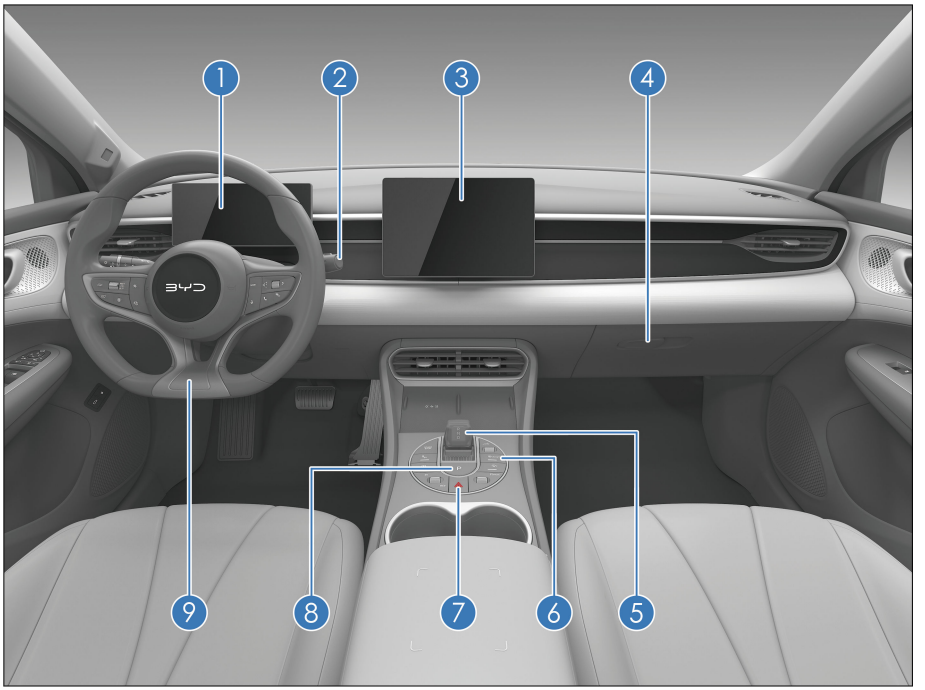
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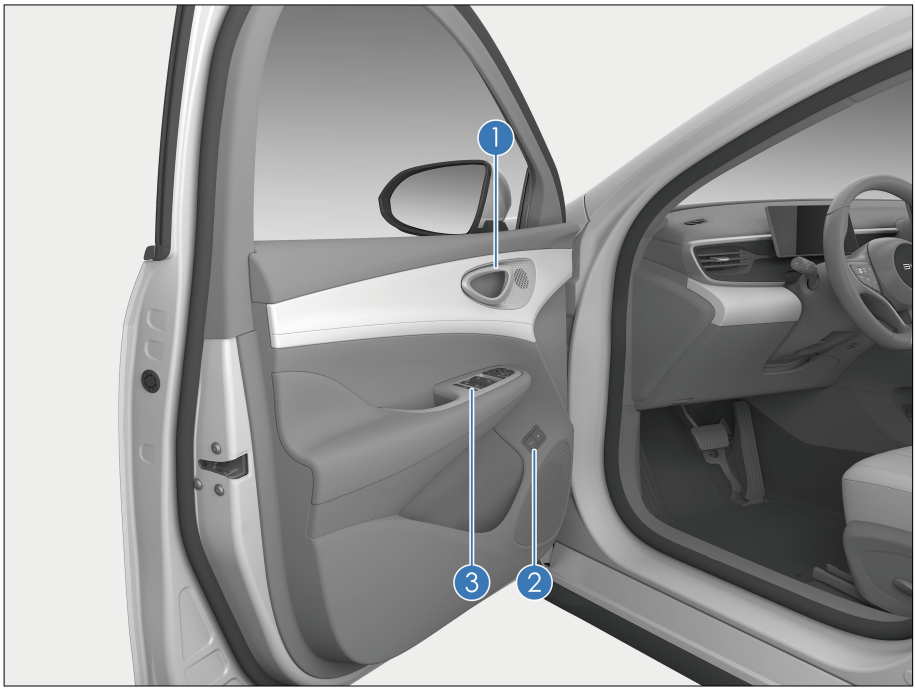
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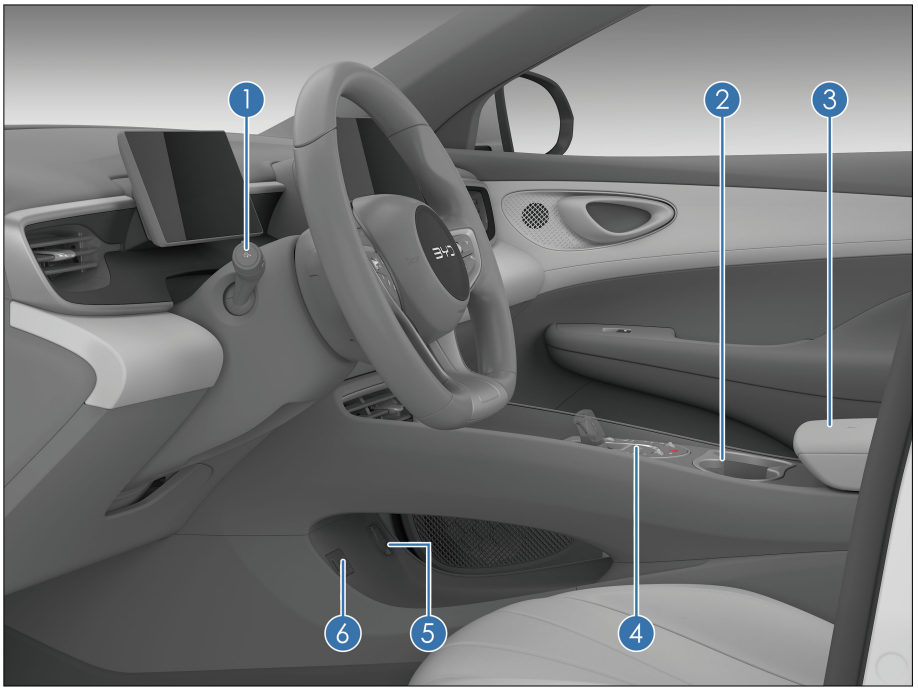


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Seat Belts

Seat Belt Overview

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

WARNING

- 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 are designed primarily for adults and are not intended for children. Make sure to choose an appropriate child restraint system according to your child's age and size (see Child Restraint Systems 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 strongly emphasizes that: The driver and passengers of the vehicle should wear seat belts at all times, otherwise they will increase the possibility of injury or serious injury in the 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. Similarly, do not allow children to sit on the lap, so that children can not be fully protected in case of emergency braking or collision.

Emergency Locking Retractor (ELR)

- When the driver turns sharply or brakes suddenly, when there is a collision, or when the occupant leans forward too quickly, the seat belt automatically locks to effectively restrain and protect the occupant.
- 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.

WARNING

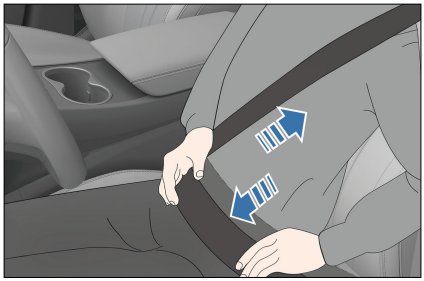
- If the pretensioner function is activated, the seat belt must be replaced.

Using Seat Belts

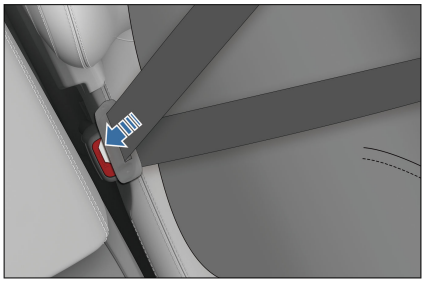
1.Adjust the seat position and seatback angle properly.

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.



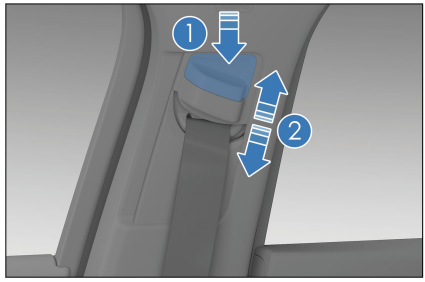
3.Insert the latch into the buckle until it clicks and then pull it back to make sure it is firmly locked. Do not fasten the belt if it twisted.



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.



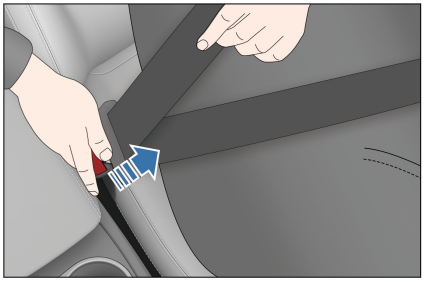
5.Pull the belt firmly to verify whether it is locked.

WARNING

- The shoulder belt should cross the center of the shoulder. The seat belt should be far from the neck and not liable to slip from the shoulder; otherwise, it cannot function well in the event of emergency braking or accident and may even cause severe injury.
- The lap belt should be positioned as low as possible 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.

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.



WARNING

- Seat belts can only be used by one person at a time. Do not share a seat belt with two or more people, even children.
- 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.
- Do not remove, disassemble or modify the seat belts.
- After an accident, have the seat belts checked at a BYD authorized dealer or service provider. If the preloading function is activated, the seat belt must be replaced.
- In the event of a serious accident, even if there is no apparent damage, the seat belt should be replaced along with the seat assembly. The airbag system should also be thoroughly inspected.

WARNING

- 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.
- The method of wearing a rear seat belt is the same as that for a front seat belt. For normal functioning of the rear seat belt, please ensure that its latch is inserted into the corresponding buckle during use. The driver should ensure that all occupants are wearing seat belts before driving the vehicle.
- Do not insert foreign objects such as coins and clips into the buckle as they prevent proper connection between the latch and buckle.

Seat Belt Reminders

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

- 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.
- Seat Belt Reminders

- 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.

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

WARNING

- If the above functions are abnormal or fail, contact a BYD authorized dealer or service provider.
- When driving, make sure all occupants have their seat belts properly fastened. Otherwise, in the event of emergency braking or collision, the people in the car are more vulnerable to serious physical injury or even life-threatening.

Airbags

Airbag Overview

- The airbag system is a part of auxiliary restraint system and also a supplement to seats and seat belts. When the vehicle is involved in a serious collision and the airbag system meets its deployment conditions, relevant airbags will rapidly deploy and, along with seat belts, provide additional protection for heads and chests of the driver and occupants, to reduce likelihood of personal injury or even death.
- 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.
- The airbag system cannot replace the seat belt. It is an integral part of the whole passive safety protection system of the vehicle. and must be used in combination with seat belts to maximize protection.

WARNING

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

Airbag warning light

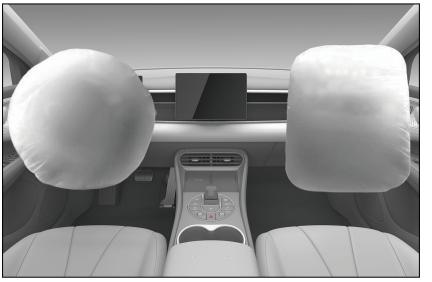
- The airbag system is monitored by the electronic control unit and has a self-diagnostic function that displays the system status via warning light on the instrument cluster.
- When the power supply of the whole vehicle is in the "ON" or "OK" gear, the airbag warning lamp lights up for about 5S and then goes out, indicating that the system is normal.

WARNING

- If the airbag warning light is always on, it indicates that the system is out of order. It is recommended to check the airbag system at the authorized service shop of BYD Automobile as soon as possible, otherwise the function of the airbag will be affected.
- If your vehicle is flooded (for example, the carpet is wet/the vehicle is immersed in water, etc.) or the vehicle is damaged by water to varying degrees, do not start the vehicle before cutting off the low-voltage battery, otherwise the airbag may deploy, causing serious injury or even life-threatening.

Driver and Front Passenger Airbags

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



Front Airbag Deployment

- In moderate to severe frontal crashes, a sensor detects a sharp deceleration and sends a signal to the ECU to trigger the front airbags.
- When there is a frontal crash, the seat belt secures the occupant's lower body and torso in place. The airbag cushions and protects the occupant's head and chest.
- When the severity of the impact does not reach the airbag deployment threshold, seat belts provide enough protection.
- The deployment of frontal airbag does not affect the driver's sight and the ability to operate the steering wheel or other control devices, as it is deflated immediately after deployment.
- The airbag deploys within a thousandth of a second.
- A loud noise will be heard when the airbag deploys. It will not cause injury, but it may cause tinnitus or temporary deafness.
- A cloud of dust from the airbag surface may come off when the airbag deploys. Although the powder is non-toxic, passengers with respiratory disease may feel temporary discomfort.

Front Seat Side Airbags

Front Seat Side Airbags

The vehicle you purchased is equipped with a seat side airbag (the airbag is installed on the outside of the seat backrest, both of which are marked with "AIRBAG"). In the event of a moderate to severe side impact during driving, when the airbag triggering conditions are reached, the airbag will deploy to help protect the chest of the passenger on the impacted side to reduce the degree of injury.



Seat side airbags starting process

- In the event of side collision, only the airbag on the impacted side will deploy.
- If the collision occurs on the passenger side, the seat airbag on the passenger side deploys even if there is no passenger on the seat.
- In order to obtain the best protection from the seat side airbag, the passenger must fasten the seat belt properly and sit upright against the seat backrest.

Vehicles Equipped with Seat Side Airbags

- 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.
- 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.



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

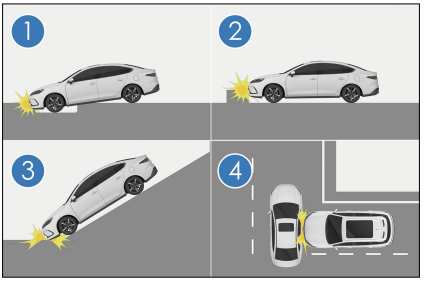
安全气囊可能会展开的情况

① 越过较深凹槽时，车头撞击地面。

② 撞到路边的凸起物、街边石等。

③ 下陡坡时车头碰撞到地面。

④ 车辆侧方遭遇其他车辆撞击。



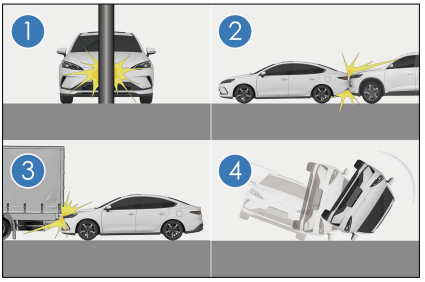
安全气囊可能不会展开的情况

① 撞到水泥柱子、树木或其他细长物体上。

② 车辆后方遭遇其他车辆追撞。

③ 钻入到卡车等大货车下方。

④ 车辆发生侧向翻滚。

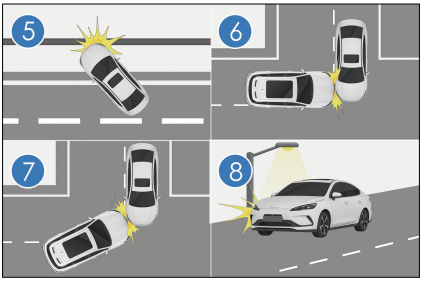


⑤ 非正面撞上墙壁或车辆。

⑥ 乘员室以外部位受到侧面撞击时。

⑦ 侧面受到斜方向撞击。

⑧ 侧面撞击柱状物体。



WARNING

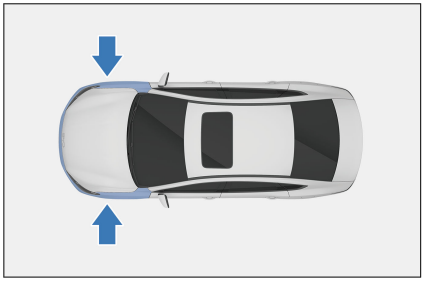
- 安全气囊是为指定车型开发匹配的，对悬挂、轮胎尺寸、保险杠、底盘和原厂配备设备的任何改变，都会对安全气囊系统产生不利影响。 并且不能将安全气囊系统的任何部件挪用在其他车型上，否则可能导致安全气囊系统失效，造成人身伤害。
- 对驾驶员来说，胸部与转向盘至少保持 25cm 的距离，这样才能在该系统触发时为驾驶员提供最有效的保护。
- 汽车在行驶过程中，请系好安全带并保持正确坐姿。如果您没有系上安全带，行驶期间身体向前靠或坐姿不正确，那么在发生事故时，安全气囊的展开会加剧您受伤的危险性。
- 转向盘饰盖的表面、仪表板右边安全气囊位置及附近的表面上 A、B、 C 柱上护板表面上不得粘贴、蒙上任何物品或做其他装饰处理。只允许用干燥或稍浸湿的抹布清洁，不得用力敲打。
- 禁止未成年人毫无保护或成人怀抱坐在前排座椅上。如果发生事故时触发了安全气囊，可能会严重受伤甚至危及生命。
- 诸如电话支架、杯子、烟灰缸等任何附件禁止安装在安全气囊的饰盖上或其作用范围之内。否则在发生事故时，安全气囊的展开会加剧您受伤的危险性。
- 侧安全气囊和侧帘式安全气囊展开的速度很快且冲击力量很大，所以装有该安全气囊的车辆在行驶中不允许任何人斜靠在车门上。否则会造成严重伤害甚至危及生命。
- 请勿改装或更换座椅或带侧安全气囊的座椅饰件，这些改动会妨碍侧安全气囊的正常展开，使系统失效或引起侧安全气囊意外展开，从而导致严重伤害甚至危及生命。

WARNING

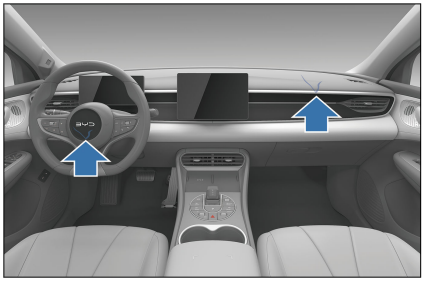
- 请勿在侧帘式安全气囊作用范围，例如挡风玻璃、侧门玻璃、A 柱护板、顶棚、B 柱护板、C 柱护板和辅助拉手处放置其他饰件或物品， 侧帘式安全气囊展开时饰件或物品会由于侧帘式安全气囊的强力而被抛出，或造成侧帘式安全气囊不能正常展开，从而导致严重伤害甚至危及生命。
- 在转让汽车时，请将所有随车资料交给新车主，以便新车主了解车辆安全气囊情况及安全气囊系统的更换日期。
- 请勿分解或修理含有侧帘式安全气囊的 A 柱护板、顶棚、B 柱护板、C 柱护板。这些改动会使系统失效或者气帘意外展开，从而导致严重伤害甚至危及生命。
- 安全气囊系统的所有组成部件均不允许进行任何改动，包括相应标签。对安全气囊的任何操作，建议由比亚迪汽车授权服务店完成。
- 安全气囊只能提供一次性事故防护功能。一旦安全气囊被触发或损坏，则必须更换该系统。
- 在对汽车或安全气囊系统的各部件进行报废处理时，请遵守与此有关的安全规定和报废程序。
- 安全气囊系统对其周围的电磁有较强的抗干扰和抗骚扰能力。但为避免意外，请勿在超出国家允许的电磁环境下使用车辆。
- 本车安全气囊系统已充分考虑到国内常见的各种误用和道路状况，但为避免意外，请勿使汽车底部发生撞击，或在恶劣的道路环境下粗暴驾驶。
- 本车安全气囊系统已充分验证，原车线束系统与安全气囊系统完全匹配。对整车线束的任何改装、改动都可能导致安全气囊在正常情况下误触发或达到碰撞条件时不触发。

出现下列情况时，建议立刻与比亚迪汽车授权服务店联系。

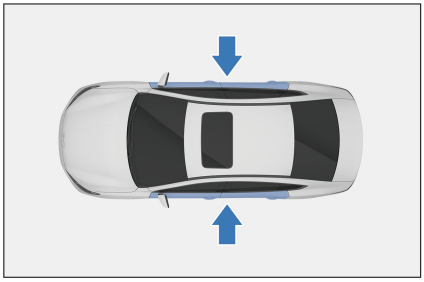
- 任一安全气囊已经展开。
- 组合仪表上安全气囊故障警告灯 异常点亮。
- 车辆的前方(图示阴影部分)遭受了不足以使安全气囊展开的事故。



- 安全气囊盖已经刮破、裂开或有其它损坏。



- 车辆的车门(图示阴影部分)遭受了不足以使安全气囊展开的事故。



- 侧安全气囊的座椅表面被划伤、出现裂缝或其它类似损坏。
- 内有帘式安全气囊的 A 柱、车顶纵梁和 C 柱的装饰(衬垫)部分被划伤、 出现裂缝或其它类似损坏。

Child Restraint Systems

Child Restraint Systems

Choose an appropriate child safety seat according to the age and figure of the child. A child who cannot use a protection device due to body size shall sit in the rear seat and have the seat belt fastened properly.

When the 12 V standby power supply is not in use, the 12 V standby power supply cover should be closed.

、

CAUTION

- Seat belts or CRS must be chosen according to children’ s age and body size, so as to effectively protect them in the event of accidents or emergency braking. Holding a child in adult’ s arms does not replace the role played by the CRS. In an accident, a child may hit the windshield or be squeezed between the adult and the compartment.
- Vehicles with side curtain airbags: Even if the child is placed in a child restraint, do not allow the child to rest his or her head or any part of his or her body on the door, seat, front and rear pillars, or roof side member (deployment area of the side curtain airbag). Otherwise, when the side curtain airbag is deployed, its strong impact may cause serious injury

CAUTION

to children and even endanger their lives.

- Please install the CRS correctly according to the installation instructions provided by the manufacturer. Otherwise, it may cause serious or even life-threatening injuries to children in the event of emergency braking or an accident.
- Do not let children stand in the vehicle or kneel on the seat when the vehicle is running, otherwise they will be vulnerable to serious physical injury or even life-threatening in the event of emergency braking or collision.
- BYD strongly recommends that the vehicle equipped the CRS for children. Studies have shown that installing a child restraint system on the rear seats is safer than installing it on the front seats.

Installing Child Restraint Systems

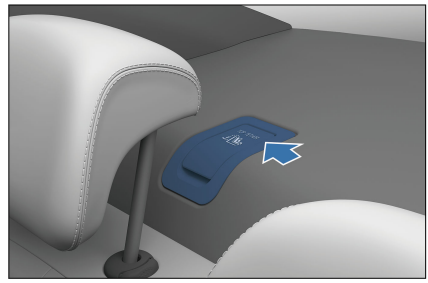
Please install the CRS correctly according to the installation instructions provided by the manufacturer.

Installing Child Restraint System with ISOFIX Rigid Anchor

The rear outboard seats are equipped with ISOFIX/i-Size anchorages, located at the gap indicated in the figure.



Anchor mounts are provided on the rear outboard seats for the top tension strap.

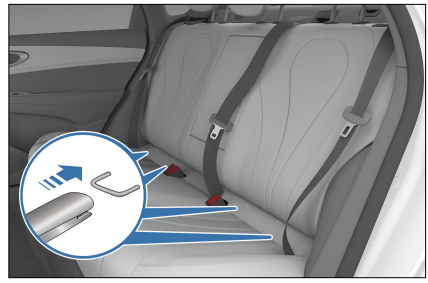


CAUTION

- The anchor is installed in the gap between the seat cushion and the backrest.

Installing Child Restraint Systems:

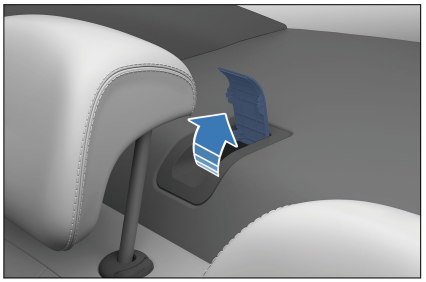
1. Installing Child Restraint Systems



WARNING

- When using the lower anchor, ensure that there is no object around the anchor and the seat belt is not stuck behind the child safety seat, and ensure that the child safety seat is firmly fixed. Otherwise, it may cause serious or even life-threatening injuries to children in the event of emergency braking or an accident. Otherwise, it may cause serious or even life-threatening injuries to children in the event of emergency braking or an accident.

2. Open the fixed anchor support cover.

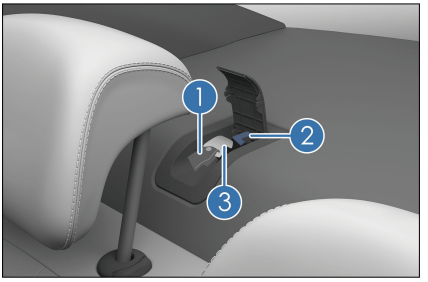


3. Lift the headrest, engage the hook tightly to the anchor at the back of the backrest, and tighten the top tether so that it is fastened.

① Top tether

② Fixed anchor support

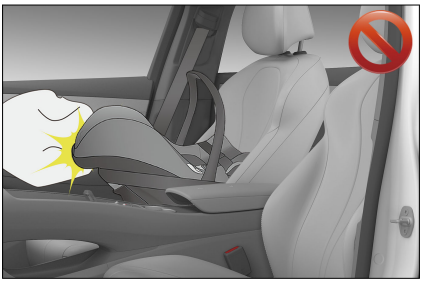
③ Hook



CAUTION

- If the child restraint is equipped with a top pull strap, secure the top pull strap to the anchor.

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



- Please follow the warning precautions on the fromt passenger sunshade, as shown on the label in the picture.



WARNING

- Try to push and pull the child safety seat in different directions to ensure it has been securely installed.
- When using a rear-mounted child restraint seat, the headrest height should be adjusted to the minimum.

WARNING

- When using a forward-mounted child restraint seat, remove the headrest if it affects the fit between the child seat back and the rear seat.
- When using the heightening cushion, the top of the headrest should be adjusted to the level or nearest position with the child's head.
- Do not install a child seat on the front seat.

Information on the applicability of different seating positions to child restraint systems

Classification by weight	Seating position (or other positions)		
	Front Passenger Seat	Rear Outboard Seat	Rear Middle Seat
Group 0 (up to 10 kg)	X	U	X
Group 0+ (up to 13 kg)	X	U	X
Group I (9~18 kg)	X	U/UF	X
Group II (15~25 kg)	X	UF	X
Group III (22~36 kg)	X	UF	X

Note: Meaning of letters in the table are as follows:

U=Universal child restraint systems certified for this weight group

UF = Front-facing universal child restraint systems certified for this weight group

X = This seating position is not applicable to child restraint systems for this weight group.

Suitability of ISOFIX Seating Positions for ISOFIX Child Restraint Systems:

Classification by weight	Size	Fixed Module	Seating position (or other positions)		
			Front Passenger Seat	Rear Outboard Seat	Rear Middle Seat
Carrycot	F	ISO/L1	X	X	X
	G	ISO/L2	X	X	X
Group 0 (up to 10 kg)	E	ISO/R1	X	IL	X
Group 0+ (up to 13 kg)	E	ISO/R1	X	IL	X
	D	ISO/R2	X	IL	X
	C	ISO/R3	X	IL	X
Group I (9~18 kg)	D	ISO/R2	X	IL	X
	C	ISO/R3	X	IL	X
	B	ISO/F2	X	IUF	X
	B1	ISO/F2X	X	IUF	X
	A	ISO/F3	X	IUF	X
Group II (15~25 kg)	-	-	X	IUF	X
Group III (22~36 kg)	-	-	X	IUF	X

Note 1: For CRSs not identified with ISO/XX size classes (A~G), the vehicle manufacturer shall specify the in-vehicle ISOFIX CRS recommended for each seating position with respect to their applicable weight groups.

Note 2: Meaning of letters in the table are as follows:

IUF = Front-facing universal ISOFIX child restraint systems certified for this weight group

X = This ISOFIX position is not applicable to ISOFIX child restraint systems for this weight group and/or size class.

IUF = Front-facing universal ISOFIX child restraint systems certified for this weight group These restraint systems may be of the special vehicle category, restricted or semi-universal category.

BYD suggests:

- Baby First space castle-Z child seat is used in Group I, product model: R102C

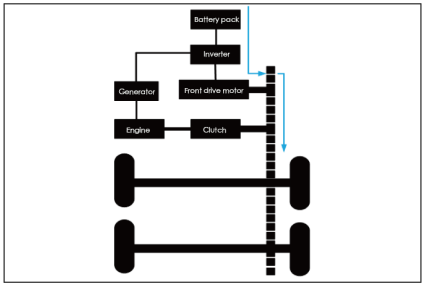
Space Castle-Z Child Restraint System (Group 0 +/I/II).

- For children weighing no more than 18kg (reference age: 3 years old), the child seat must be installed in the backward direction, and the child seat installed in the backward direction shall use the most upright gear among the multiple angle gears corresponding to the backward installation.

- Britax Kidfix i-SIZE child seat is used in Group III, product model: Kidfix i-SIZE.

"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, idle speed, accelerating, and driving at a constant speed.

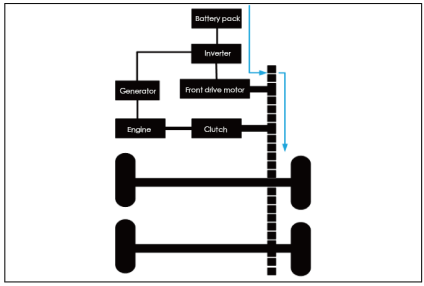


REMINDER

- The vehicle may switch to HEV mode automatically under operating conditions such as rapid acceleration, high vehicle speed, grade climbing, too high or low temperature, or low SOC level. 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.

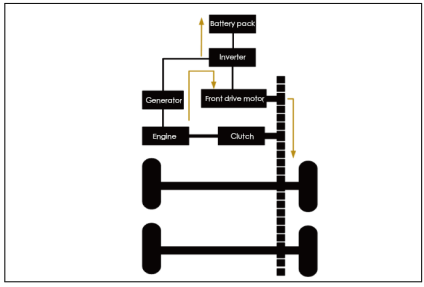
"HEV" - Dual-Mode Synergy Operating Mode:

- 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.

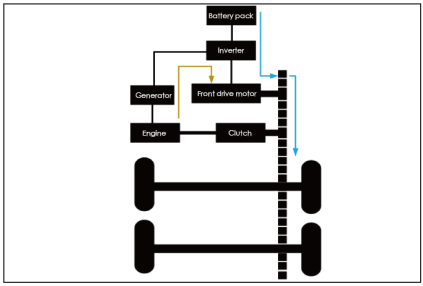


- In HEV mode, when the SOC level is low or the power demand is high, the engine starts and operates in series to meet the power demand.

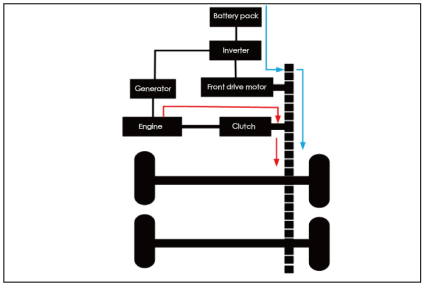
  - In HEV mode, the engine supplies power to the high-voltage battery and drive motor.



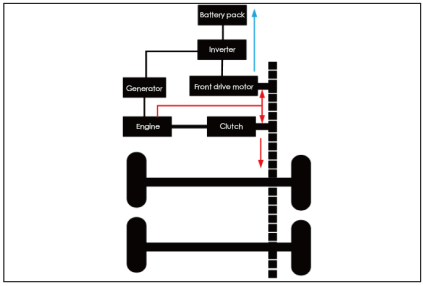
  - In HEV mode, the engine and the high-voltage battery simultaneously supply power to the drive motor.



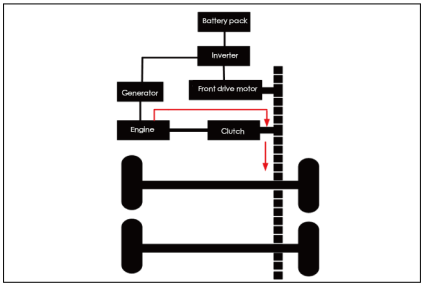
- In HEV mode, the engine starts to operate in parallel at medium and high speeds under some working conditions to improve fuel economy.
  - In HEV mode, the engine and drive motor work together to drive the vehicle.



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

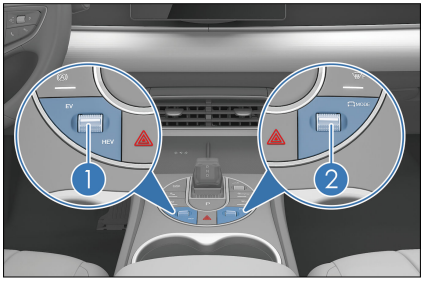


  - In HEV mode, the engine drives the vehicle and the drive motor rests.



① “EV/HEV” Mode button

② “MODE” button



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 switch continuously until the ECO indicator on the instrument cluster lights up. This indicates that the vehicle has switched to Ecology, Conservation, Optimization (ECO) 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 switch 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 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 switch 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 switch 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 switch 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 switch 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:

- MAX EV provides drivers with the demand of "low power continuous use of electricity without oil" to ensure the pure electric driving of vehicles to the greatest extent. In situ or when the vehicle speed is less than 50 km/h, move the EV button forward for 3s until the EV indicator on the instrument shows blue. At this time, the output power is limited to a certain extent. When the power drops to a lower level, the whole vehicle will automatically switch to HEV-ECO.

⚠ CAUTION

- When MAX EV is turned on, the power demand of the vehicle will be limited to a certain extent. If higher power demand is required, it can be switched to EV/HEV mode.

Snow Mode

- When the driver presses the "mode" button, the ECO/NORMAL/SPORT/snow mode is cyclically switched to enter the snow mode, and then press the "mode" button again to exit the snow mode;
- This mode is suitable for wet and slippery roads such as snow.

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 low-temperature

environments. To prevent the high-voltage battery from being damaged, the following protection mechanisms are set:

- When the temperature is 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 discharge.

- 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. 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 can reach high temperatures during driving, and these components are identified with warning labels. Please carefully read and follow the instructions on these warning labels.
- 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 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 is powered on or off, you may hear the sound (the sound of the contactor closing or opening) coming from the 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 to release the shift lever. When leaving the vehicle, press the "P" button to ensure that the electronic parking switch has been pulled up, take away the key, and lock all the doors.

- If the low-voltage 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.
- When leaving the vehicle, be sure to press the "P" button, because when the "OK" indicator lights up and the engine stops, the vehicle can also run at a low speed (the motor can be driven).
- 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 is recommended to consult a BYD authorized dealer or service provider before handling the vehicle because it uses a sealed low-voltage 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, do not touch any high-voltage components (such as battery assembly) or cables (in orange) connecting components. If there are bare wires with destroyed insulation 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 low-voltage 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. Using only a small amount of water can be dangerous, so use a large amount of water (such as a fire hydrant) or wait for the fire brigade to arrive.
- 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

WARNING

electricity, resulting in electric leakage.

Anti-theft Alarm System

Anti-theft Alarm 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.When all doors are locked, the anti-theft system is automatically activated within 8 s after the anti-theft indicator lights up. 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:
  - Any door, trunk lid or hood lid is unlocked without using the smart key entry function.
  - Power up the vehicle without using the smart key start function.

Releasing the Alarm

- The anti-theft alarm is released when:
  - doors are unlocked with the smart key;
  - Using the microswitch to unlock the door by carrying a valid smart key.
  - Unlocking of the trunk lid 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 in any way, as this may lead to system fault.

Data Collection and Processing

Event Data Record System

- This section provides you with some important information on how personal data is collected and processed when you use a BYD vehicle.
- For a more detailed overview on data processing, data protection and data subject rights, please read the current version of the privacy policy for the vehicle available at the infotainment system (Vehicle Settings → System Settings→ More → Privacy Policy).
- This vehicle is equipped with an event data recording (EDR) system. 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, The data from the airbag control unit can be read out to clarify the accident).

Vehicle Data Processing

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

In-vehicle Data

Operation data

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

Remote-Services-Related Data

Remote monitoring services

- The vehicle has remote monitoring services.
- These include remote monitoring services such as remote diagnosis and over-the-air (OTA) updates and upgrades for security and

safety purposes (subject to owner's approval).

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

Other

Multimedia system

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

Integration of mobile devices

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

Internet access and connected services

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

Camera image recording/surrounding area monitoring

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

- The vehicle may be equipped with an outward-facing camera (OFC) that can be used to take footage of the surrounding (dashcam).
- The vehicle may also be equipped with an inward-facing camera (IFC), which can be used to take footage inside the vehicle.
- Both OFC and IFC footage is stored.
- You are responsible to check the laws of your residence if you turn the camera on.
- Please be aware of corresponding laws before turning on your OFC or IFC (for instance, in some countries consent is required for the use of IFC, and in others OFC is strictly restricted to dashcam purposes).
- For more camera details, see section "Panoramic View System"***P130*** 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 infotainment touchscreen, tap to turn Wi-Fi off.
- This can also be done by: tapping → System Settings → Internet → WLAN → Off.

Disclosure of Personal Data to Authorities

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

Your Data Protection Rights

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

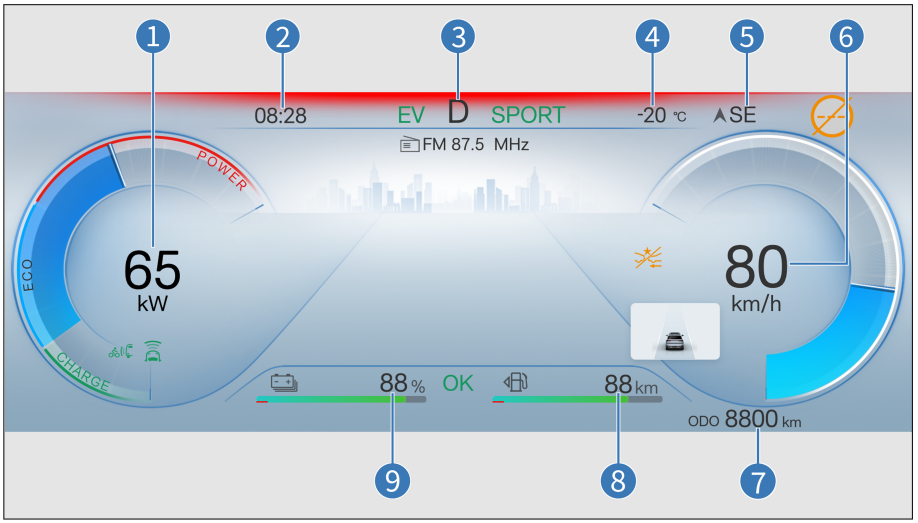
- In some cases, this may mean that we can retain the data even if you withdraw your consent.
- For more information on data processing, data protection, and any rights you may have, please visit the latest version of the Privacy Policy available at the infotainment system (**Vehicle Settings** → **System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

02 INSTRUMENT CLUSTER

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Instrument Cluster View

Instrument Cluster View



1	Power meter	6	Speedometer
2	Time	7	Odometer
3	Gear status	8	Fuel driving range
4	Ambient temperature	9	Battery SOC percentage (battery driving range)
5	Orientation		

Instrument Cluster Indicators

Indicators/Warning Lights

	Turn signal indicator		Position light indicator

	Discharge indicator		OK indicator
	ECO indicator		SPORT indicator
	NORMAL indicator		HEV Indicator
	EV Indicator		AVH indicator
	Low beam indicator		Regular cruise control main indicator
	High beam indicator		AVH indicator
	Oil life monitoring indicator		Smart key warning light
	Tire pressure fault warning light		Main alarm indicator
	ESC OFF warning light		ESC (Electronic Stability Control) fault warning light
	Low fuel warning light		Emission fault indicator
	ABS fault warning light		Driving power limit warning light
	Fault warning light of headlight		Snow mode indicator
	Acoustic Vehicle Alerting System (AVAS)		High-voltage battery low SOC warning light

	Automatic emergency braking warning light (red) *		Airbag fault warning light
	Seat belt reminder indicator		Parking system fault warning light
	EPB indicator		Coolant overheating indicator
	Steering system fault warning light		High-voltage battery charging connection indicator
	Low oil pressure warning light		High-voltage battery overheating warning light
	Low-voltage power system fault warning light		Powertrain fault warning light
	High-voltage battery fault warning light		Motor overheating warning light*

Indicators/Warning Lights Description

 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

- If the vehicle is driven continuously after the emission fault warning lamp is illuminated, the vehicle's emission control

CAUTION

system and the engine itself may be damaged.

 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.

 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 you press the START/STOP button while an electronic smart key matching the model is in the vehicle, this warning light does not light up. The vehicle can now be powered on.
- If the warning light flashes after you press the START/STOP button, it indicates low battery of the key.
- If the key is not in the vehicle, the instrument prompts "The key is not detected, please confirm whether the key is in the vehicle".

 ABS fault warning light

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

REMINDER

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

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

 Tire pressure fault warning light

- 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 indicates "abnormal signal", it indicates that the tire pressure signal of the vehicle location may be disturbed or the tire pressure monitoring module may be damaged.
- 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. When one or more tires and temperature values turn yellow, the tire temperature is too high.

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



ESC Fault 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 warning light flashes temporarily while the vehicle is in motion, it indicates the ESC system is working.
- When the ESC warning light turns on (with the ABS fault warning light and the parking system fault warning light off), the ESC fails, but the ABS and the braking system continue to operate normally.
- When the ESC warning light turns on (with the ABS fault warning light and the parking system fault warning light off), the ESC system does not work. This means the vehicle is extremely unstable at sharp turns or when the driver steers away from obstacles ahead.
- If any of the following cases occurs, it means there is a fault in components monitored by the warning light system. In that case, contact a BYD authorized dealer or service provider for vehicle inspection as soon as possible:
  - When the power gear is in the "ON" gear, the warning lamp is not on all the time after being powered on (no self-check).
  - This warning light stays on during driving.

REMINDER

- Momentary illumination of this warning light during operation does not indicate a problem.
- If the ESC fault warning lamp is still on while the ABS fault warning lamp and the brake system warning lamp are on, it is recommended to immediately park the vehicle in a safe place and contact the authorized service shop of BYD Automobile. Because the vehicle becomes

REMINDER

extremely unstable when braking and the ABS does not work.



ESC OFF warning light

- With the vehicle gear at “ON”, this warning light goes out after a few seconds.
- When the "ESC OFF switch" is turned ON, the lamp shall be continuously illuminated, and the vehicle stability control system shall not function at this time. When the "ESC OFF" switch is pressed again, it shall go out, and the ESC system functions normally.

REMINDER

- While the ESC OFF warning light is on, the driver must stay alert and keep driving at a lower speed when making a sharp turn and when avoiding an obstacle which appears suddenly, Because the ESC system does not function during braking in such a situation, the vehicle will become unstable.



Driving power limit warning light

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



ACC fault indicator

When the indicator is always on, it is recommended to contact the authorized service shop of BYD Automobile in time.



Seat belt reminder indicator

This warning light reminds the driver and the front passenger to fasten their seat belts. When the power position is in the "ON" position, if the seat belts of the driver and passengers are not fastened, the corresponding seat belt indicator lights up. Unless the seat belt is fastened, the indicator stays on.



Airbag fault warning light

- When the power supply of the whole vehicle is in the "ON" or "OK" gear, the airbag warning lamp lights up for about 5S and then goes out, indicating that the system is normal.
- The warning light system is used to monitor the airbag ECU, crash sensor, inflator, warning light, wiring, power supply and jacking device.
- 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 lights up or flashes while driving.



Parking system fault warning light

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 under the following conditions:

- 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 engine 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. In this case, the brake may malfunction, resulting in extended stopping distances. ABS (Anti-lock Braking System) will not work when braking, and the vehicle will be unstable when braking. Please drive carefully.
- Momentary illumination of this warning light during operation does not indicate a problem.

REMINDER

In any of the following cases, park the vehicle in a safe place immediately and contact a BYD authorized dealer or service provider.

- When the engine is running, this indicator will not go out even if the electric parking switch is released. In this case, the brake may malfunction, resulting in extended stopping distances. Firmly press the brake pedal to initiate an emergency stop.
- The parking system malfunction warning lamp remains on while the ABS malfunction warning lamp is on. Because if the brake

REMINDER

operation is performed at this time, not only the ABS does not work, but the vehicle also becomes extremely unstable.



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 and turning off the engine; 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.



Engine coolant overheating indicator

When the power gear is "ON", this light is on, indicating that the coolant temperature is high. It is recommended to stop the vehicle for cooling. Under harsh conditions, such as hot summer season or long time climbing and high-speed driving, the engine may be overheated.



Low oil pressure warning light

- The light means 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, and contact a BYD authorized dealer or service provider for help.
- 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.
- This warning light will also come on when the oil level is very low.

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.



Low-voltage power system fault warning light

- If this warning light turns on while driving, it indicates that there is a problem with the charging system/ DC system/low-voltage power supply. The engine ignition can only maintain till the battery is fully discharged. Air conditioning, fans, multimedia and so on should be turned off, and it is suggested to contact BYD Automobile Authorized Service Store for rescue as soon as possible.



Powertrain fault warning light

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

CAUTION

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



High-voltage battery overheating warning light

- If this 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 period of stop-and-go traffic condition, frequent rapid acceleration, frequent hard braking, or vehicle running for a long time without pause.



High-voltage battery fault warning light

- This warning light comes on when the ignition has just been switched on. If the 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.

REMINDER

- The long-time EV mode driving may trigger engine starting request for maintenance. The instrument cluster shows: Engine maintenance starts.

Other Instrument Cluster Fault Prompts

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

Symbol	Fault Prompt	Response
	Please check the OBC system	The on-board charging system is faulty. In this case, check the charging connection, and reconnect the charging equipment. If it can not be solved, it is recommended to contact a BYD authorized dealer or service provider.
	Stop using remote driving for your safety.	Stop using remote driving when it is abnormal.

Symbol	Fault Prompt	Response
	Please check the data network of the vehicle.	The vehicle may be disconnected from the data network. In this case, park the vehicle immediately, and contact a BYD authorized dealer or service provider.
	Limited function of engine accessories	The engine accessories function is faulty. In this case, contact a BYD authorized dealer or service provider.
	Please check the headlight system	It indicates that the headlamp system is faulty, and it is recommended to contact the authorized service shop of BYD Automobile.
	Please check the gear	The shifter controller is faulty. In this case, park the vehicle immediately, and contact a BYD authorized dealer or service provider.
	Solenoid valve is cleaning. Please wait for a moment.	Solenoid valve is cleaning. Please wait for a moment. Solenoid valve is cleaning and park the vehicle to wait. If the icon exits for a long time, it is recommended to contact a BYD authorized dealer or service provider.

- When the power gear is in "ON" or "OK", press the steering wheel button to enter the instrument menu interface.

Icon	Settings Name	Operation Instructions
	Driving information	Enter the driving information window, rotate the wheel up and down, select the driving information items (electric driving mileage*, oil driving mileage*, cumulative average energy consumption*, energy flow*, fuel consumption*, instantaneous fuel consumption*, tire pressure display*, driving time*, average speed*, average energy consumption in the last 50 kilometers* and so on, subject to the actual vehicle configuration), and press the wheel button to confirm the selection. And the selected driving information item is displayed.
	Navigation Bar	Enter the navigation window, rotate the wheel up and down, select the navigation display mode, press the wheel button to confirm the selection, and switch to the navigation interface or exit.
	Speed limit reminder setting	Enter the speed limit reminder window, rotate the wheel up and down, set the reminder speed or close

Icon	Settings Name	Operation Instructions
		the speed limit reminder, press the wheel button to confirm the selection and exit.
	Theme Settings	Enter the navigation window, rotate the wheel up and down, select the navigation display mode, press the wheel button to confirm the selection, and switch to the navigation interface or exit.
	Adjust the temperature of the air conditioner.	Enter the air conditioning temperature window, rotate the wheel up and down to adjust the air conditioning temperature or turn off the air conditioner, press the wheel button to confirm the selection and exit.
	Fault Information	If the current vehicle has a fault, it will be displayed in this window. Press the menu key once to clear a fault prompt until all of them are cleared. Press the menu key again to enter the normal menu interface. If all faults cannot be displayed in the page, turn the wheel up and down to change the page.
	Air volume of the air conditioner	Enter the window of air conditioning volume, rotate the roller up and down to adjust the air conditioning volume or turn off the air conditioning, and press the roller button to confirm the selection and exit.
	Acceleration timer	When the vehicle speed is 0km/h and the mode is in SPORT, press the wheel button to enter, and press the wheel button again to exit or automatically exit after the result displays for 60 seconds.

REMINDER

- Please adjust the instrument menu function according to your personal needs, traffic conditions and road environment. Be sure to pay attention to driving safety when driving.

03 CONTROLLER OPERATION

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Doors and Keys

Keys

The vehicle is equipped with an electronic smart key, bluetooth key, NFC key 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. Buttons on the smart key help you lock/unlock doors, open the trunk lid, perform a remote start, and locate your vehicle.

① Indicator

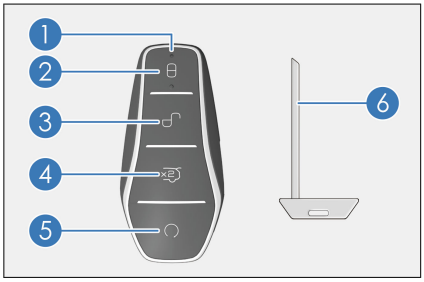
② Lock button

③ Unlock button

④ Open Trunk Lid Button

⑤ START/STOP button

⑥ Mechanical Key



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

WARNING

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

CAUTION

- The electronic smart key is an electronic component. The following instructions should be observed to prevent damage to the electronic smart key.

CAUTION

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

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

CAUTION

- If you lose your smart key, it is recommended to contact a BYD authorized dealer or service provider as soon as possible to reduce the risk of vehicle theft or accidents.
- Do not change the transmission frequency arbitrarily, increase the transmission power (including additional transmission frequency amplifier), do not arbitrarily connect the external detection antenna or switch other transmitting detection antennas.
- Do not cause harmful interference to legitimate radio communication services when used; once there is interference, stop using it immediately and take measures to eliminate the interference before continuing to use it.
- The use of micropower radio equipment must be free from interference of all radio services or from radiation of equipments for industrial, scientific and medical applications.
- When leaving the vehicle, always carry your key and lock the vehicle. Never leave anyone (especially children) alone in the vehicle.
- People implanted with pacemakers or defibrillators should stay away from the detection antennas of intelligent entry and start systems, as electromagnetic waves can affect the normal use of such devices. In addition to people implanted with pacemakers or defibrillators, those who use other electronic medical

CAUTION

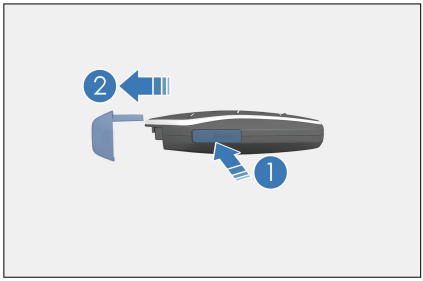
devices should also consult the manufacturer on the use of such devices under the influence of electromagnetic waves. Electromagnetic waves may bring unknown consequences to the use of such medical devices.

Mechanical Key

Mechanical key (in the smart key) - Unlock/Lock the driver's door. When not in use, make sure to put the mechanical key back and cover the back cover of the electronic smart key.

Taking out the Mechanical Key

To take the mechanical key out of the electronic smart key, press the PUSH button ① on the smart key and then take out the mechanical key along the arrow direction ②, as the figure indicates.



Mechanical Key

- To put the mechanical key back, press the PUSH button and then insert the mechanical key.

Bluetooth Key

- Bluetooth key--Through the proximity bluetooth connection to the vehicle to realize the control of the vehicle,including the control of the door unlocking, locking and so on.

NFC Digital Key*

- NFC is a digital key function provided by BYD. Users can register phone or wearable device as the vehicle key to unlock, lock and start the vehicle.
- 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 configuration supports NFC digital key function;
  - Mobile phone or wearable device supports BYD NFC digital key function (please consult BYD authorized dealer or provider for specific supported device models).

Enabling Phone NFC Digital Key

Before activating it, please enter the vehicle with the smart key, start the vehicle and keep it in “P” gear. Three enabling ways:

- Open via BYD App:
  - Please go to the mobile APP store to download BYD APP, and complete registration and login. Click "Digital key" and follow the prompts.
- Email link:
  - After logging in the email on the mobile phone (the number is reserved when the user purchases the car), check the email about digital key from "BYD Auto" (bydapp@byd.auto), and activate it according to the prompts.
- PAD on the vehicle:
  - Tap on the touchscreen→ Vehicle Settings → Windows and Locks→Digital Key, and activate it according to the prompts.

Enabling the NFC Digital key with Wearable Device

Wearable device Apple Watch supports BYD NFC digital key function (please consult BYD authorized dealer or provider for other supported device models). Two ways to enable the function:

- 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.
- Open via Watch App:
  - 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.

The Usage of NFC Digital Key

Activate the NFC function of wearable device or iPhone when use the NFC Digital Key. How to use:

- 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.

Delete the NFC Digital Key

There are three ways to remove the NFC digital key:

- Remove in BYD App:
  - Open BYD APP, enter the digital key management page, click the digital key to be deleted, and enter the operation password to complete the deletion;
- PAD on the vehicle:
  - Carry the effective smart key. Tap on the Multimedia → Vehicle Settings → Windows and Locks→Digital Key, and activate it according to the prompts.
- Remove in Wallet App:
  - Open the wallet App, find the digital key card that needs to be deleted, and complete the deletion according to the system prompts.

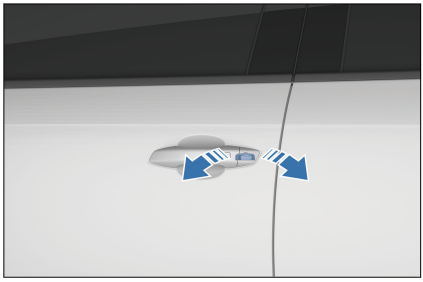
Locking/Unlocking Doors

Locking/Unlocking with Mechanical Key

Locking/Unlocking with Mechanical Key

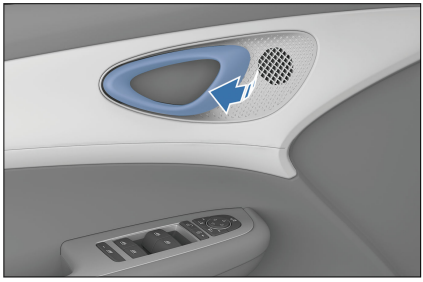
Insert the key into the keyhole and turn it.

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



Opening with Interior Door Handle

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



Vehicle Locking/Unlocking/Locating with smart key

- A wireless remote control system designed to unlock or lock the vehicle within approximately 30 m (meters) of the vehicle and to perform additional functions.
- When carrying the registered smart key into the activation area, press the unlock/lock button slowly and firmly on the key to lock and unlock all doors.

Locking:

- Press the lock button to lock all doors simultaneously. When all doors, hood and trunk lid are closed, side mirror folding* and the turn signals flash once.
- Any door is not closed, the exterior rearview mirror is not folded *, the turn signal does not flash, and the horn gives an alarm.



- The hood or trunk is not closed, the exterior rearview mirror is folded *, the turn signal does not flash, and the horn gives an alarm.

Unlocking:

- Press the unlock button to unlock all doors at the same time. The turn signals flash twice.
- When you unlock all the doors with the smart key, even if no door is opened, the interior lights maybe stay on (the lights will come on if turn the interior lights switch to “Door”) and then go out after 15s.
- After unlocking all doors with the electronic smart key, please open any door within 30s. Otherwise, all doors are locked automatically again.
- 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. When pressing the "Lock" button for a long time, the glass of the four doors can be automatically raised (when installed).

Unlocking of the Trunk Lid with the Microswitch

Double press the trunk lid button to unlock the trunk lid. At this time, the turn signals flash twice.

- Anti-forget key function
  - When the key is placed in the trunk or the vehicle in the locked state and the trunk lid is closed, the vehicle will actively unlock or open the trunk lid, accompanied by two flashes of the turn signal lamp.

Vehicle Locating

- When the vehicle is in anti-theft state, if the lock button is pressed, the vehicle sounds, 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 restart the vehicle locating state.

Raising/Lowering Windows with 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 open or close the function of unlocking/locking and opening/closing the window by pressing the remote key for a long time through the Setting → door, window and lock setting interface.

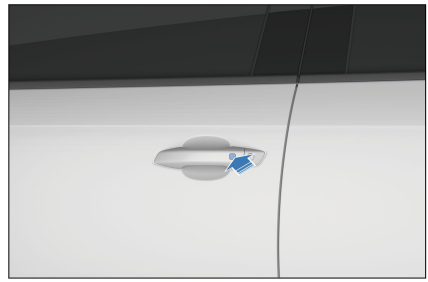
CAUTION

- Before using the remote control window raising function, 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 external rearview mirrors are folded in (when the "Auto" switch of mirrors is turned on), and the turn signals flash once. Check whether all doors are locked firmly.
  - If any door, the hood or boot lid is not closed, use microswitch to lock the vehicle, turn signals do not flash, and the horn sounds once at the same time.



- With the vehicle powered ON:
  - When doors are closed, carry the smart key and press the microswitch on the front door handle to lock all doors 0simultaneously. At this time,the The external rearview do not fold, 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. The turn signals flash twice.

- In the anti-theft state, please open the doors within 30s after using the unlocking function. Otherwise, all doors are locked automatically again.
- Pressing the microswitch does not unlock/lock doors in the following cases:
  - Press the microswitch while opening or closing the door.
  - The key is in the vehicle.

REMINDER

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

Raising/Lowering Windows with Microswitch

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

The user can open or close the function of unlocking/locking and opening/closing the window by pressing the key of the micro switch for a long time through the Setting → door, window and lock setting interface.

Locking/Unlocking trunk lid

Unlocking of the Trunk Lid with the Microswitch

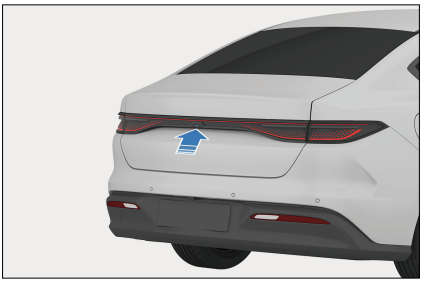
Double press the unlocking button of the smart key to open the trunk lid. Turn signals flash twice.

- Anti-forget key function
  - If the key is placed in the locked vehicle and the boot lid is closed, the vehicle will get unlocked automatically and the turn signals flash twice.



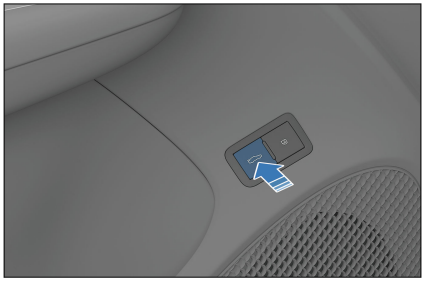
Unlock the trunk lid using the microswitch

- The whole vehicle is locked. Carry a valid key and press the "rear microswitch" to unlock the trunk.
- When the vehicle is unlocked, press the "Rear Microswitch" to open the trunk lid.



Open the Trunk Lid inside the Vehicle

- When the vehicle is unlocked, use the electric trunk lid button to open it.
- If the vehicle speed is greater than 5km/h, the trunk lid cannot be opened by pressing the button.

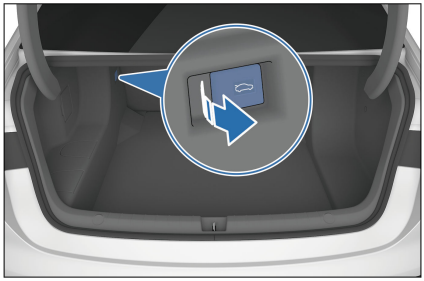


REMINDER

- Before closing the trunk lid, it is necessary to confirm whether the doors, windows, skylights, etc. Have been closed to avoid property damage.

Interior emergency unlocking of trunk lid

- Pull up the fold-and-unlock handle on the seat back, fold the rear seat back, and enter the trunk. There is an emergency unlocking mechanism on the left side of the trunk. Pull up the mechanical opening handle on the left side of the trunk to open the trunk lid in an emergency.



WARNING

- Observe the following precautions when handling the luggage compartment lid, otherwise it may trap a part of the body

WARNING

and cause serious injury or even endanger life.

- Never try to deliberately activate the anti-pinch function.
- If there are people nearby, secure them and inform them that the trunk lid is about to be opened or closed.
- 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.
- Before driving make sure the trunk is properly closed.
- Make sure to remove any ice or snow from the area before opening the trunk. Failure to do so may cause the luggage compartment lid to suddenly close again after opening.
- Do not operate the trunk lid manually during electrical opening or closing of the trunk lid.
- Be mindful of windy conditions when opening or closing the trunk.
- The anti-pinch function may not work if an object is caught before the window is fully closed.
- The lid may start closing before fully opening. Opening or closing the decklid on a slope is harder than on level ground, so be careful if the decklid opens or closes on its own by accident. Before loading or unloading the

WARNING

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.

REMINDER

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

Locking/Unlocking with Central Locking

Locking or unlocking the vehicle with the central locking

- Refer to the central control door lock switch of the left front door switch group.

Locking or Unlocking Doors Automatically

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

Locking and unlocking all doors simultaneously

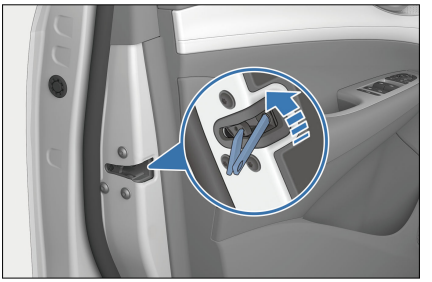
- When the vehicle is not in the anti-theft mode, the backlight of the central door lock button turns on after the vehicle is locked, and turns offt if the vehicle is unlocked.
- Press the lock button of the central door lock to lock all doors simultaneously. At this time, the door cannot be opened from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

REMINDER

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

Emergency Vehicle Locking with Mechanical Key

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

Access

Use the smart key to unlock or lock the vehicle doors. (For details, please refer to ***P52*** and ***P53***).

REMINDER

- If the electronic smart key is too close to the door handle or the window, the access function may not be activated.

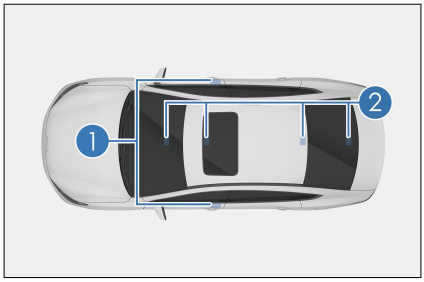
Start-up

With the smart key inside, press the brake pedal and the START/STOP button to start the vehicle. (Refer to ***P98***)

Antenna Position

① Exterior detection antenna

② Exterior detection antenna



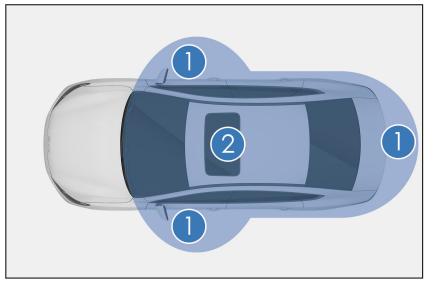
Activation Area

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

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

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.
- 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.
- Another wireless remote control function is being used nearby.
- If Smart Key Battery Is Exhausted
- The smart key is close to highvoltage equipment or equipment that produces noise.

REMINDER

- 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 engine repeatedly in a short time. Wait for 10s before starting the vehicle.
- If the PEPS system cannot work normally due to system fault, take all smart keys to a BYD authorized dealer or service provider for maintenance.

Saving Battery SOC

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

Child Protection Lock

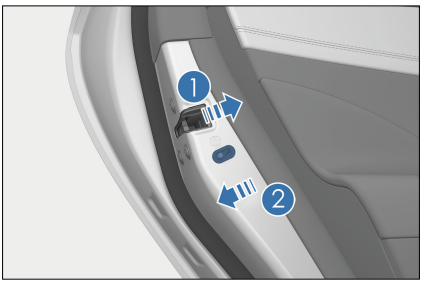
To prevent children sitting on the rear seat from accidentally opening the rear doors, the vehicle is equipped with a child protection lock. There is a child protection lock latch on each side of the left and right rear doors.

Activating the child protection lock

Pull the latch in the direction of arrow (1) to turn on the child protection lock, so that the door cannot be opened from inside the vehicle. To open this door, use the exterior handle.

① Deactivating the child protection lock

Pull the latch in the direction of arrow (2) to turn on the child protection lock, so that the door cannot be opened from inside the vehicle.



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.

Seat

Seat Precautions

- Adjust the driver's seat so that the steering wheel, foot pedals, and instrument panel controls are within easy reach of 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.
- 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.

WARNING

- 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. This makes the shoulder strap of the seat belt not properly attached to the body. As a result, you and your passengers could hit the strap in an accident, causing serious injury to the neck or other parts; or you and your passenger may slip out of the waist belt, resulting in other serious injuries.
- Do not adjust the seat while the vehicle is in motion, as unpredictable seat movement can cause the loss of vehicle control at this time.
- Do not drive the vehicle until the passengers are properly seated.

REMINDER

- Do not fasten the seat belt before adjusting the seat.

REMINDER

- When adjusting the seat, be careful not to let the seat hit passengers or baggage.

Adjusting Front Seats

Electrical Front Seat Adjustment*

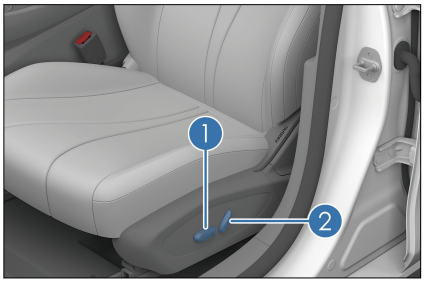
Electrical front seat adjustment includes the adjustment of front and rear distance, seat cushion height, and backrest angle. There are the following adjustment methods according to the functions equipped with the actual vehicle.

① Seat Position Adjustment Switch

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

② 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

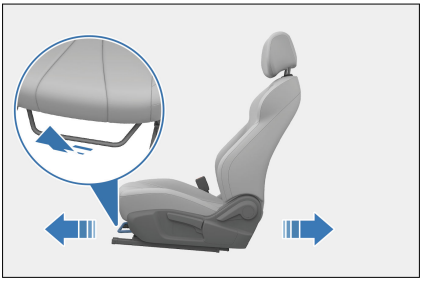
REMINDER

this may prevent the seat from operating.

Front Seat Adjustment-Manual Adjustment*

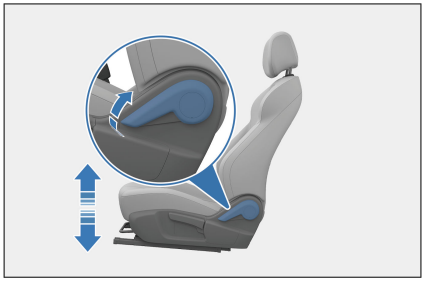
Seat Position Adjustment

- Hold the middle of the adjustment lever and pull it up, then slide the seat back and forth to the desired position with slight body pressure, and then release the lever.
- After adjusting the seat, always check that it is securely locked into place (i.e., a locking sound is heard) by attempting to push it forward and backward.

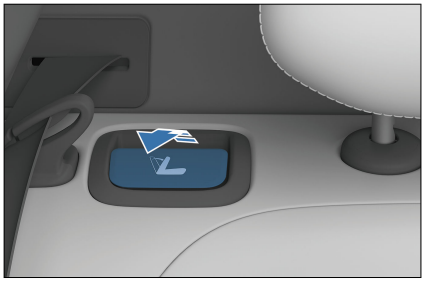


Backrest Adjustment

- Pull up the handle of the height adjustment mechanism to adjust the seat to a comfortable height according to your needs.
- Pull up to increase and press down to decrease.



Pull up the fold-and-unlock handle on the seat backrest to fold the rear seat backrest.



CAUTION

- 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 the rear seats are folded or recovered, please ensure that the left and right safety belts are exposed, so as to prevent the safety belts from being clamped between the rear seats and the side wings and damaging the seats and safety belts.

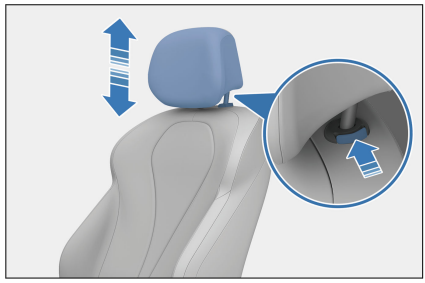
Adjusting Head Supports

Lifting headrests

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

Lowering headrests

Press the headrest height adjustment button, lower the headrest to the desired position, release the button, then pull up the headrest slightly and release it after hearing a "click".



Removing headrests

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

Installing headrests

Insert the headrest links into the bushing with the groove facing forward. Press the headrest height adjustment button, lower the headrest to the desired position, release the button, then pull up the headrest slightly and release it after hearing a "click".

REMINDER

- To avoid injuries on the neck and head, adjust the height center of the headrest to be on a level with the upper part of the ear.
- After adjusting the headrest, press the headrest downward to confirm that it is locked.
- Do not drive the vehicle without head supports.

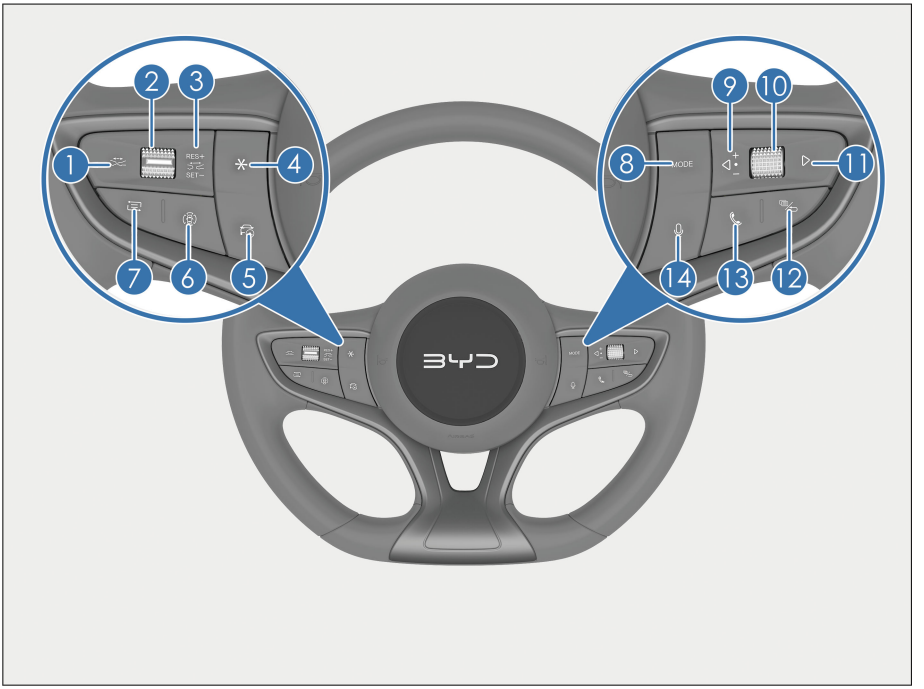
REMINDER

- Do not attach any object to the headrest lever.

Steering Wheel

Steering Wheel

Steering Wheel Switch Set



1	Distance -
2	Lever
3	Distance +
4	Customized button
5	Intelligent Cruise Control (ICC)*
6	Panoramic view
7	Driving information
8	Mode button
9	Left-hand button
10	Scroll Button
11	Right
12	Instrument cluster menu/return button
13	Phone button
14	Smart voice

Left-hand buttons *

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.

Lever

- +/RES: Activate the cruise control system and resume to the previously set speed.
- -/SET: Sets the current speed to the target cruise speed.

Customized 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. 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.

Intelligent Cruise Control (ICC)*

Tap the button to open or close the Intelligent Cruise Control.

Panoramic view button*

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

Driving information

- Short press to switch the driving information interface cyclically, and long press to clear the relevant driving information.

Right-hand buttons

Mode

- Selecting a mode: press the mode button to switch between media applications, peripheral applications and pre-installed third-party audio and video applications.
  - If the audio is turned off, press the "Mode" button for a short time to turn it on and enter the memory playback mode when it was turned off last time. If there is no playback source in the memory playback mode (such as no external audio device), it will be directly switched to the radio station mode.

Right/Left-hand button

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

Scroll Button

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

CAUTION

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

Instrument cluster/Back

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

Phone button

- Press this button to make or receive a call. (The multimedia system is muted after pressing this button.)
- When the system is in an interface other than the Bluetooth and Bluetooth is not connected, press this button for the system to go to the main interface of telephone selection. If Bluetooth is connected, press this button for the system to go to the main dialing interface.
- After entering a phone number on the Dial screen or selecting a record on the Call Log or Contacts screen, press this button to dial the number.
- When Bluetooth is connected, but no phone number is entered on the Dial screen, press this button to switch to the Call Log screen. Press this button again to call the first dialed number on the call history.

Smart voice

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

Horn pad

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

CAUTION

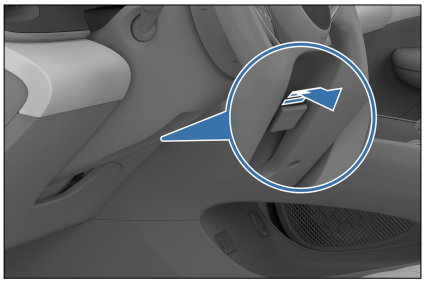
- Do not press the pad for a long time, or the horn can be easily damaged.

REMINDER

- Please observe traffic regulations and use the horn reasonably.

Adjusting the Steering Wheel Manually*

- When adjusting the angle or axial position of the steering wheel, hold the steering wheel 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.

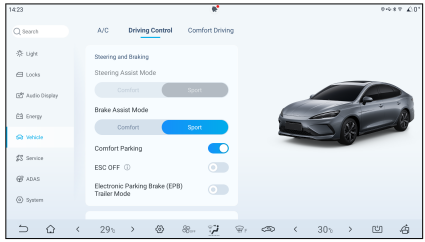


REMINDER

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

Power-Assisted Steering Mode Settings

- The hand feeling of steering assist differs among people, and different users have different evaluations and demands on the feeling.
- The user can enter the "Power Steering Mode" setting interface through Settings → Vehicle Control → Driving Control Adjustment, and select to adjust "Comfort"/ "Sport".



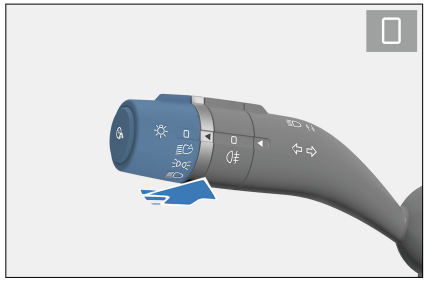
REMINDER

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

Switches

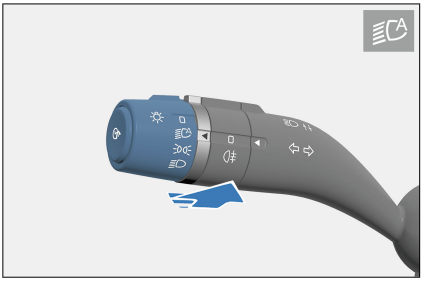
Light Switches

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



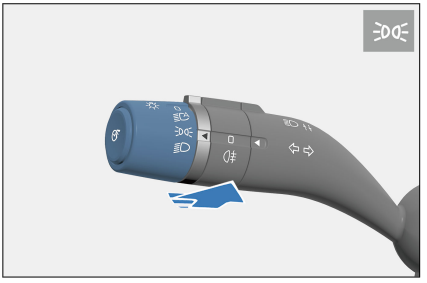
Auto Lights

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



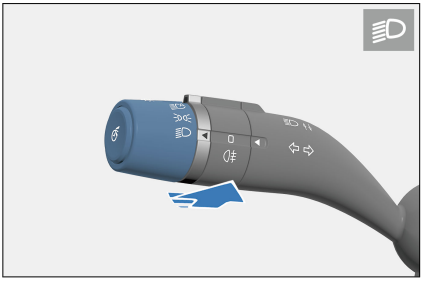
Clearance Light

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



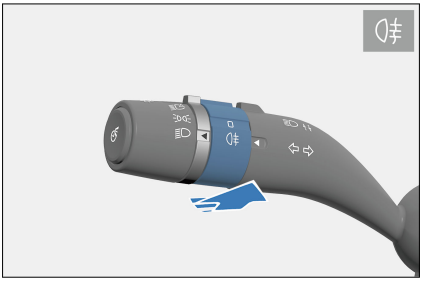
Low Beam

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



Rear Fog Light

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



High Beam

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



Overtaking Light

Pull up the lever (toward the steering wheel) to turn on the overtaking light. Release the lever for the light switch to automatically reset. The overtaking light turns off.

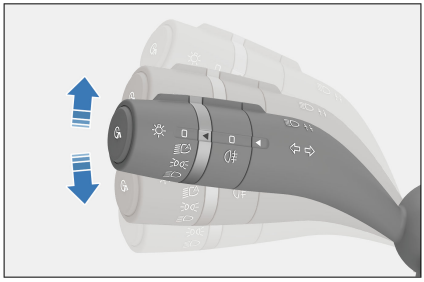


Turn Signal

- Push up the light handle to signal right turn.The right turn signal and

its indicator on the instrument cluster flash.

- Push down the light switch lever, and then the left turn signals and the turn signal indicator on the instrument cluster start flashing simultaneously.
- After turn signals are turned on, they flash continuously even if the light switch is released. Turn signals go out automatically after the vehicle finishes turning the corner. Because of different driving habits for drivers, the light switch needs to be rotated for a round to reset in some extreme cases.



Auto off

- Conditions for enabling the auto off function: This function is enabled when the light switch is rotated to the or , and the power supply is switched from "Start" to "Stop".
- With the auto off function activated, if the driver's door is closed, this function automatically turns off headlights and position lights after 10 s.
- With the auto off function activated, if the driver's door is opened, this function automatically turns off headlights and position lights after 10 min.
- After auto off, if the light mode changes, lights will be turned on according to the new state. If the conditions for enabling the auto off function are met after that, the auto off function will be activated again.
- Disabling the auto off function: After the vehicle is powered on, the auto off function is disabled, and the light knob can be operated normally.
- The auto off function turns off the lights. If the anti-theft state is activated and then deactivated, the lights turned off before are automatically turned on again. If the driver's door is not opened, this function turns off the lights again after 10 s. If the door is opened, the auto off function turns off the lights after 10 min.

"Follow me home" Function

- Follow me home:
  - The 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.

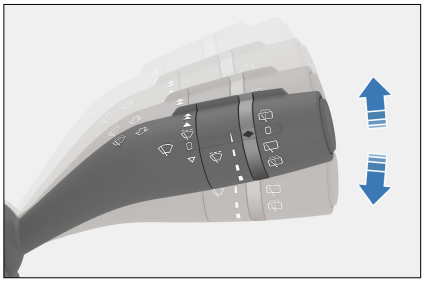
CAUTION

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

Wiper Switch

前风窗玻璃刮水器与洗涤器

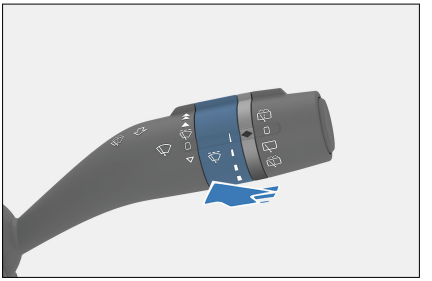
- 控制杆用来控制风窗玻璃刮水器和洗涤器。此杆共分五个挡位：
  - ：高速刮水模式
  - ：低速刮水模式
  - ：自动雨刮/间歇挡位
  - 0：停
  - ：点刮模式



- 若欲选择挡位，上抬或下压控制杆即可。
- 在低速与高速挡位时，雨刮连续刮水。
- 若欲让雨刮在点刮模式“ ”下运作，应从“ 0 ”位置将控制杆下压，雨刮将低速刮水，直至您将控制杆松开为止。

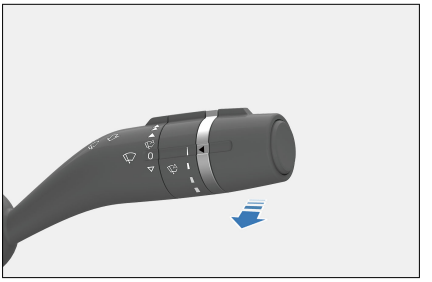
自动雨刮/间歇挡位

- 雨量传感器根据雨量自动控制刮水器工作模式，传感器位于车内前风窗玻璃内后视镜前。
- 使用自动雨刮功能，需要将开关打到自动雨刮挡，同时通过设置 →车辆设置→迎宾进入“自动雨刷”设置项选择开启自动雨刮功能。
- 使用雨刮间歇挡功能，需要将开关打到自动雨刮挡，同时通过设置 →车辆设置→迎宾进入“自动雨刷”设置项选择自动雨刮设置项关闭自动雨刮功能。
- 自动雨刮有 4 个挡位的灵敏度，挡位越高灵敏度越高，用户使用自动雨刮功能时，可根据实时的雨况通过调节拨片改变灵敏度，雨刮反应过快，则降低灵敏度；雨刮反应过慢，则提高灵敏度。



前风窗玻璃刮水器与洗涤器

- 为清洗前风窗玻璃，请将雨刮控制杆往回拉(靠近方向盘方向)，洗涤器一直喷水，同时雨刮运作。
- 当您松开控制杆时，洗涤器将停止喷水，雨刮将摆动 2 次停止运动。



Driver's Door Switches

- The switch on each door can be used to operate the window.

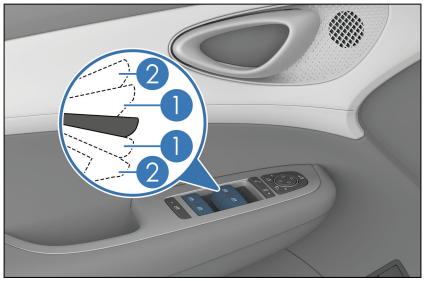
- The vehicle power is ON, or the power-off delay limit is not exceeded if the vehicle power is OFF.

Power Window Switch

- With the vehicle powered OK, the window control switch on each side can be used to control the window regulation. When the whole vehicle is powered off to the "OFF" position, the electric window cannot be lifted/lowered.

Driver Window Control Switch

The window control switch has two gears, as shown in Figure ① and ②.



Manual Rolling

- Press the window regulator switch to ① mode position and keep it (for vehicles without anti-pinch function, directly press and hold the window regulator switch) to lower the window; releasing the switch can immediately stop the window lowering; pull up the window regulator switch to ① mode position and keep it (for vehicles without anti-pinch function, directly pull up and hold the window regulator switch) to raise the window; releasing the switch can immediately stop the window raising.

Automatic Lifting

- Press the window regulator switch to ② mode position and release it to automatically lower the window; pull up the window switch to ② mode position and release it to automatically raise the window.

Anti-pinch Function

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

REMINDER

- 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.
- Windows equipped with anti-pinch function can also be opened and closed by “Smart Voice Assistant"*.

Failure of automatic rising function and anti-pinch function of window

- If the window rises automatically and the anti-pinch function fails when the window operation indicator flashes, the following methods can be taken to restore this function.
  - Turn up the window control switch and keep it in the manual up position to make the glass rise to the top, and make it stall at the top position for 400 ms. At this time, the indicator light on the window control switch changes from flashing to lighting, indicating that the initialization has been completed. The anti-pinch module has all functions except the push-to-stop function. When the window glass completes the downward running stall (400 ms), it

has the function of downward soft stop.

Delay Function

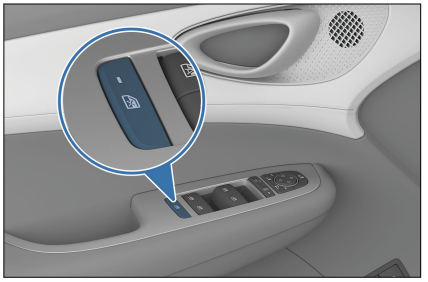
- After power off, if the front door is not opened, the four-door window control switch has a 10-minute lifting function delay and can continue to operate the window lifting. During this period, if the front door is opened and the delay function is cancelled, the four-door window control can no longer operate the window up and down.

WARNING

- When closing the power window, do not put your hands above the window glass to avoid pinching the hands of the passengers and causing extremely serious injuries.

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.



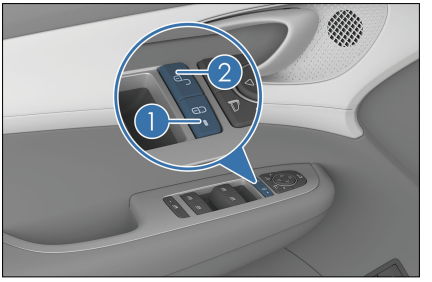
Central Locking

The front left door is equipped with buttons These two switches lock or unlock all doors.

① Locking

Press the central lock button and all doors are locked.

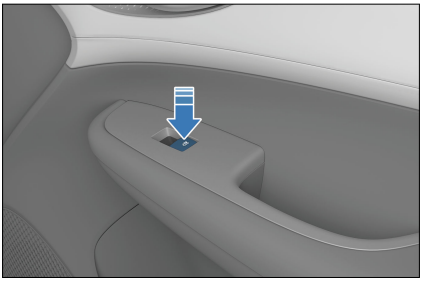
② Unlocking



Press the central unlock button and all doors are unlocked.

Window Control Switch on Passenger Side

With the vehicle is powered on, the control swithches of right front and rear doors can control the corresponding windows closing separately.



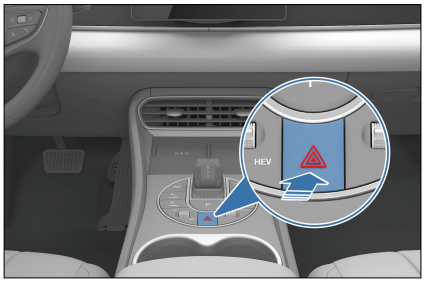
Odometer Switch

- 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.



Hazard Warning Light Switch

Press the switch ⚠, all the turn signal lights start to flash, and the instrument turn indicator lights flash synchronously; press the switch ⚠ again to stop flashing.



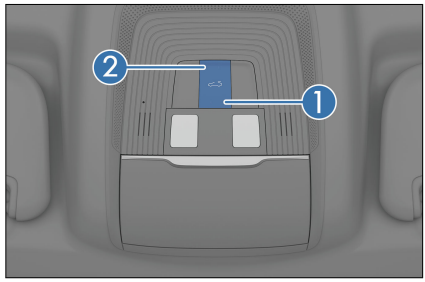
Sunroof Switch*

Sunroof Switch*

When the power gear of the whole vehicle is in "OK" gear, the sunroof can be operated.

Manual opening and closing function:

- Press the position of sunroof button ① to close the sunroof.
- Press the position of sunroof button ② to close the sunroof.



Manual opening and closing function:

- Press the position of sunroof key ① for a long time, the sunroof will move towards the closing direction, and it will stop after releasing or reaching the closing position.
- Press the position of sunroof key ② for a long time, the sunroof will move in the upward-tilting ventilation direction, and stop after releasing or reaching the upward-tilting ventilation position; continue to press the position of sunroof key ② for a long time, the sunroof will move in the opening direction, and stop after releasing or reaching the opening position.

WARNING

- To avoid serious or even life-threatening injuries, make sure no one extends any body part out of

WARNING

the sunroof when the vehicle is running.

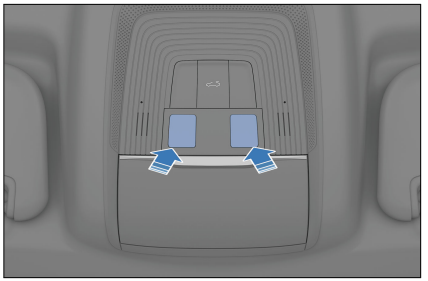
CAUTION

- 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.

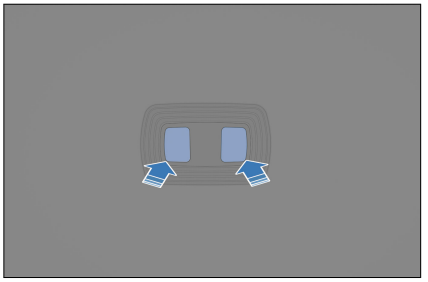
Interior Light Switch

Front/Rear Interior lights

Interior Light Switch



Rear Interior Lights Switch



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)

04 USING AND DRIVING

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Other Main Functions..... 138

Charging/ Discharging

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.
- Charging may affect medical or implanted electronic devices. Consult the device manufacturer before charging.
- Charge the vehicle in a relatively safe environment, and avoid charging in areas with fire, dangerous liquid chemicals, thunder, flammable and combustible substances or heat sources.
- Use only certified charging equipment specifically designed for electric vehicles and consistent with applicable national standards:
  - Do not modify, disassemble, or repair the charging equipment and ports to avoid charging failure and fire.
  - Uncertified products are strictly prohibited.
- 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.
- If anything abnormal is found in the vehicle or charging equipment when charging, including abnormal smell or smoking, stop immediately and contact a BYD authorized dealer or service provider.
- To avoid the damage of vehicle, do not shake the charging connector when charging, otherwise the vehicle charge port may be damaged.
- Do not conduct vehicle repairs during charging.
- Always unplug the charging and discharging equipment and close the charging port hatch before driving.
- If you want to use any medical equipment in the vehicle, please confirm with the manufacturer before use whether the normal operation of the equipment will be affected by charging, which may cause abnormal operation of the equipment and personal injury.
- When the vehicle is charged with an external power supply, it is normal that the cooling fan and A/C compressor may operate automatically for the high-voltage battery to cool down.

Charging Precautions

- AC charging is available in any power mode. To ensure safety, it is recommended to power off the vehicle before charging. When charging, the vehicle cannot enter the "OK" gear.
- 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 protective 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 50°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.
- Precautions after Charging:
  - Stop charging first and make sure the charge port is unlocked.
  - Hold the charger, press the button on it and pull it out.
  - Do not forcibly pull out the charger when the charging port is locked for fear of damaging the charging port.
  - After charging, please unlock it first and then pull out the charging plug.
  - After the charger is unplugged, reinsert the charging port protective 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.
  - Household portable AC charging refers to charging with an AC charging adapter (referred to as 3-7 connector) equipped on the vehicle. A dedicated 230V 50Hz 10 A AC line and outlet is recommended. The purpose of using a dedicated line is to protect the line from tripping due to line breakage or high-power charging of the high-voltage battery.
  - If the vehicle will not be used for a long time, it is recommended to charge it once a month at least.
  - Recommendations for the use of the household portable AC charging: To stop DC charging, turn off the charger before disconnecting the charging connector. In Mode 2 charging, remove the charging connector and then the power plug.

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.
	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 State	Possible Causes	Solutions
		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	Verify that the charging connection cable is not loosely 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.

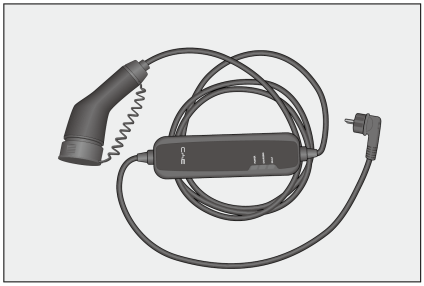
Charging

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

Household Portable AC Charging*

1. **Equipment descriptions**

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



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

REMINDER

- Please contact a BYD authorized service provider or local electrician and select an appropriate power supply as required for the charging equipment.
- Grounding instructions for charging equipment: The equipment must be properly grounded. In the event of failure or damage to the equipment, the grounding cable provides a minimum impedance to circuit discharge and thereby reducing the risk of electric shock. The equipment comes with a ground cable connecting its ground point with that of the power plug, which must match a properly installed and well-grounded power supply outlet.
- Do not coil the charging cable during charging, or the heat dissipation is adversely affected.
- See the charging instructions for specific charging precautions.

WARNING

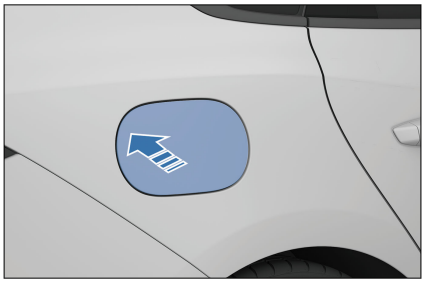
- See section "Charging Instructions" for charging safety warnings.
- The maximum service temperature: 50°C. Store the product in a cool and dry place when it is not in use.
- When charging, do not place the equipment in the trunk, under the front of the vehicle, or near the tires.
- When using the equipment,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

WARNING

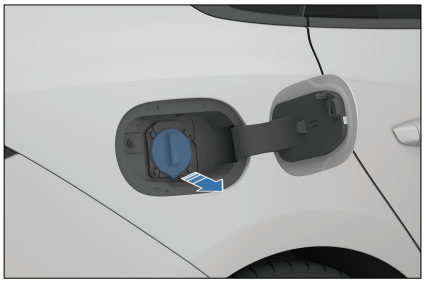
- Never use the equipment when the charging connector, power plug, or power strip is disconnected or broken, or if there is any sign of surface damage.

2. **Charging Instructions**

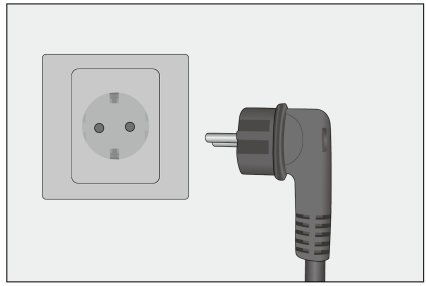
- Unlock and open the charge port door, and then open the charge port cap:
  - Unlock the charge port door: Unlock the vehicle and press the charge port door to open it;



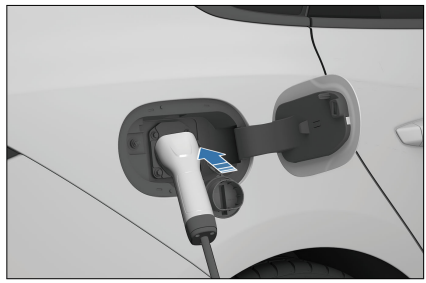
  - Open the charge port protective cover.



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



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

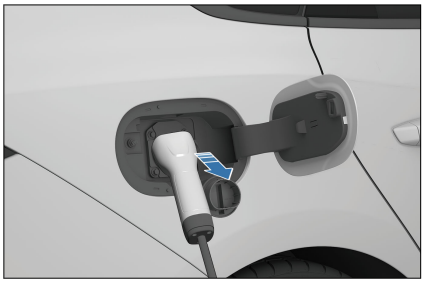


- In the charging process, relevant charging parameters and charging animation will be displayed on the instrument.
  - Go to "Reservation Charging" via "New Energy" - "Charging Settings" from the touchscreen to select charging start time and end time.

3. **Instructions for Stopping Charging**

- End the charging:
  - When the vehicle is fully charged, charging stops automatically.
  - To stop charging in advance, go to the next step.

- Disconnect the charger from the charging port:
  - If the charging port anti-theft lock on the PAD is activated, press the unlock button on the key or press the microswitch on the door handle (when the key is nearby) and pull out the charging gun within 30 seconds.



REMINDER

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

REMINDER

Function of Charging Port Electric Lock" for details..

- During charging, the estimated remaining time to full charge is displayed on the instrument cluster. The remaining time for a full charge may vary depending on such different conditions as temperature, SOC, and charging facilities.
- Reservation charging cannot be used when the remaining battery is too low.
- Unlocking by mistake will cause charging to be suspended for 30 seconds.

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

Smart Charging

- The charging mode of the vehicle can be set through the Multimedia 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 touchscreen → Energy → Charge/Discharge.
  - 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

①Reservation Charging ON/OFF

②Start time of charging

③Period

④Charging waiting time*

⑤Setting



- The factory setting mode is the Instant Charging, so Reservation Charging is turned off.
- To schedule a reservation charging, toggle the reservation charging ON ①, set the charging start time ② and repeat cycle ③, then save the settings.
- After successful setting of the Reservation Charging, a prompt of the charging start time is given by the Multimedia 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 ⬡ ⑤ 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 the AC slow charging equipment distributed by BYD. When the vehicle owner uses the AC slow charging equipment that is not certified by BYD, this function should be turned off. Otherwise, the

CAUTION

charging equipment may not respond, resulting in the failure of reservation or immediate charging, resulting in insufficient battery power or even power loss.

Charge Port Immobilizer System

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 → New Energy → Charging Port Anti-theft Lock Settings and select Activate.



- In the "Enable"/ "Smart"/ "Disable" mode, the user can unlock and unplug the charging gun in the following ways during charging:
  - Press the unlock button on the intelligent 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 charging plug will automatically unlock (only in "smart"/"deactivated" 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	/	No
4	Deactivated	Unlocked	/	Yes
5	Smart	Locking	Vehicle is fully charged	Yes
			Vehicle not fully charged	No
6	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

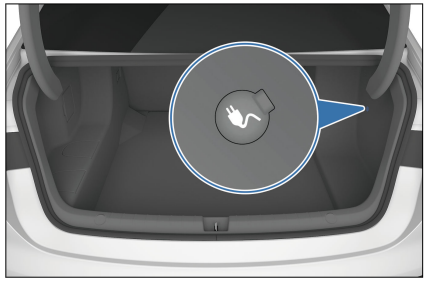
- If any abnormality or failure of the function is found, contact a BYD authorized dealer or service provider.

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.



REMINDER

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

Description of Discharge*

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

WARNING

- Do not touch any metal terminal of the discharging socket or vehicle charge port during discharging.
- Stop the discharging device in case of abnormality such as odour and smoke during discharging. For discharge safety warnings, see Charging Safety Warnings***P74***.
- 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.
- Never drop the equipment or move it by pulling it directly by the cable.

WARNING

- It is strictly prohibited to use the discharge equipment when the discharge gun, cable and plug row are worn, the insulation layer is broken or any other damage occurs.

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.

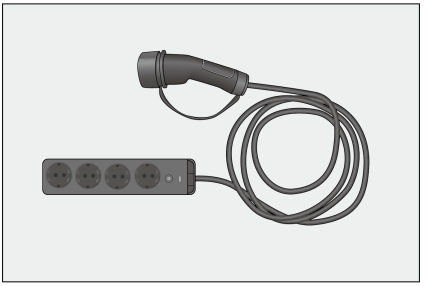
CAUTION

- Disconnect the discharging equipment refers to: ***P74***.
- Before VTOL discharges, 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 to the outside, shutdown will occur if the discharge power exceeds the allowable power. At this time, please reduce the power of the equipment and re-plug the discharge equipment.

VTOL Method*

1. Equipment Description:

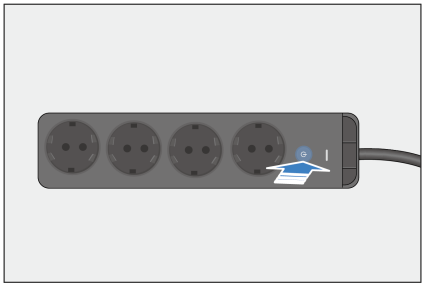
- Vehicle to Load (VTOL): It consists of a discharger, socket, cable, and discharger protective cap.



2. Discharging Instructions

- Before discharging, deactivate the anti-theft function.
- Unlock the charging port cover switch, and open the charging port cover and charging port protective cap.
  - For the specific operation, refer to the relevant procedures for Portable AC Charging.
- Check 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:
  - After the switch button on the discharging socket is pressed, the socket indicator stays on (red), indicating that the socket can be used.
  - After the discharging device is connected, the vehicle starts to discharge, and the vehicle instrument cluster displays the discharging information.



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 multimedia touchscreen. The default duration of single discharging on the multimedia touchscreen is 5 hours.
- Users can enter the "VTOL" setting interface through the Settings → Energy → Charging and Discharging.
  - After the vehicle is connected to the discharger, toggle 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.

- Click the "Set" button to enter the discharge duration setting interface to set the required discharge duration.

CAUTION

- The discharging function cannot be enabled when the discharger is not connected. At this time, clicking the external discharge button will light up for a while and then turn gray. This is a normal phenomenon.
- 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***P77***).
- Put the equipment in order:
  - After discharging, put the VTOL equipment into the storage bag in the boot.

Battery

Power Battery and Charging System

- 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.

动力电池保养

- 为了使电池处于最佳状态，请定期使用交流充电连接装置为电池充满电，建议每周至少充满一次。

- 当车辆不使用超过 7 天时，为延长其使用寿命，建议电池电量保持在 40%~60%SOC 区间内。超过 3 个月不使用时，须先充电至 100% 再放电至 40%~60%SOC，以避免电池性能降低，甚至损坏。

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.

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 removal and disassembly of batteries.

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.

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

- The low-voltage battery used in this vehicle is a BYD self-developed lithium iron phosphate battery. The vehicle supports the smart charging function, so it is not necessary to disconnect the negative terminal from the low-voltage battery for long-term parking. When the 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.

REMINDER

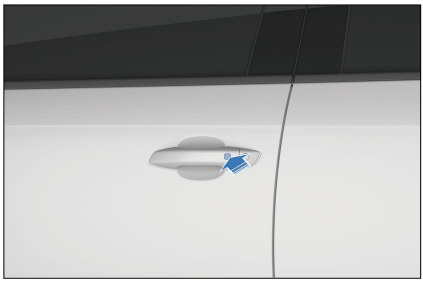
- When the vehicle is powered off for smart charging, it makes such a normal sound as when the vehicle is powered on.
- Make sure that all electrical equipment is turned off and the

REMINDER

doors are closed when leaving the vehicle.

Waking up the Vehicle from Low SOC

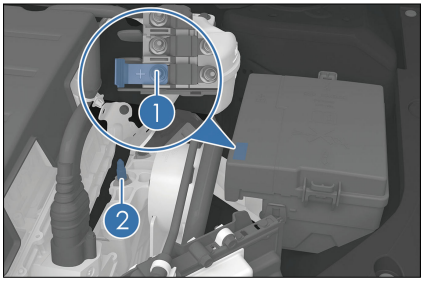
- Wakeup by the front left door microswitch:
  - The low-voltage battery has a sleep wake-up function. After the vehicle is stored for a long time, if the intelligent key cannot be used to find and unlock the vehicle, the low-voltage battery may have entered a sleep state. Then, press the microswitch on the front left door handle to wake up the low-voltage battery. After the vehicle is unlocked, it can be used normally.



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

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

② Negative terminal for jump starting



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

WARNING

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

CAUTION

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

Smart Charging Function

- Low-voltage 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 low-voltage battery in case of long-term parking.

CAUTION

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

CAUTION

low enough to trigger the engine power generation function.

Usage Precautions

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.
- The powertrain needs break-in. This should preferably be done within the first 2,000 km in economic mode. Steady driving instead of high-speed driving is recommended. The following practices effectively prolong vehicle service life:
  - Avoid flooring the accelerator pedal when starting and driving the vehicle.
  - Avoid overspeeding during driving.
  - Avoid emergency braking within the first 300 km.
  - Do not drive at a single speed for a long time.

Trailer Towing

- This vehicle is mainly designed to carry passengers. For sake of safety, please do not overload it or use it for towing.

- Towing a trailer may have adverse effects on maneuverability, braking durability, driving economy, and fuel consumption of the vehicle.
- Driving safety and comfort totally depend on equipment usage and good driving habits.
- Before towing the trailer, it is necessary to confirm the towing capacity of the trailer. It is recommended to contact the authorized service shop of BYD Automobile and confirm that the towing capacity of the trailer is within the specified range.
- The towing capacity is measured on a level road surface. The engine power and its towing capacity will be reduced if driving to high mountain areas.
- BYD does not provide any guarantee for damage or faults caused by towing for commercial purposes.

REMINDER

- Do not exceed the maximum rated weight of the trailer towing hook, or it may cause accidents and serious personal injuries.
- As the braking distance may be increased during trailer towing, the following distance must be increased. Drive the vehicle at 10 km/h and keep a proper distance away from the vehicle ahead, at least equal to the sum of the lengths of the vehicle and the trailer. Do not use emergency braking as far as possible to prevent vehicle folding and loss of control due to slipping.
- The trailer tire pressure must be maintained at the pressure specified by the trailer manufacturer according to the total weight of the trailer.

REMINDER

- Towing trailers increases the frequency of vehicle maintenance due to the increase in vehicle load.

Suggestions for Vehicle Use

To extend battery life, the following recommendations are available:

- When the vehicle is not to be operated for an extended period (over seven days), it is recommended that the battery SOC should be kept at 40%-60%, or it will reduce high-voltage battery service life.
- When the vehicle is not to be operated for over three months, the high-voltage battery must be fully charged and then discharged to 40%-60%. Otherwise, over-discharge may lead to battery performance degradation or even damage. Any vehicle fault or damage so caused will not be warranted.
- If the meter shows that the pure electric driving mileage is 0 and the battery power has been sufficient, please charge it in time to avoid long time low power use.
- For optimal battery performance, use a charging connector to fully charge the battery regularly, and the recommended frequency is once a week at least.
- Do not park the vehicle in a place above 40°C for a long time (more than 15 days), or it will reduce high-voltage battery service life.
- If the tray is sunken inward or the tray at the bottom of the battery pack is scratched on the lower surface of the tray, it is recommended to go to

the authorized service shop of BYD Automobile for inspection.

- When the vehicle is in use, repeated rapid acceleration and deceleration should be avoided as far as possible.
- When the vehicle is in use, it should be avoided for a long period of continuous use, as prolonged operation may cause the battery temperature to become too high, affecting the performance of the vehicle.
- Contact a BYD authorized dealer or service provider for inspection as soon as possible in the event of the fault prompt.
- The vehicle performance will be limited when the battery temperature is high. Please have the vehicle placed until the battery temperature drops before using it.

REMINDER

- If the electric mileage displayed by the meter drops to 0, it must be charged. If it is not charged within 7 days, it will cause permanent damage to the battery, and the resulting damage to the high-voltage battery pack will no longer be guaranteed by BYD.
- The driving range depends on the available power consumption of the vehicle, vehicle age (current battery life), weather, temperature, road conditions, driving habits, etc. In low or high temperature environment, the pure electric driving range is reduced compared with normal temperature, and the power performance will also be affected.

燃油选用

- 正确地选择燃油是充分发挥发动机性能的基础，也是控制排放及保护相关零部件的关键。
- 请使用 92#或以上的无铅汽油。

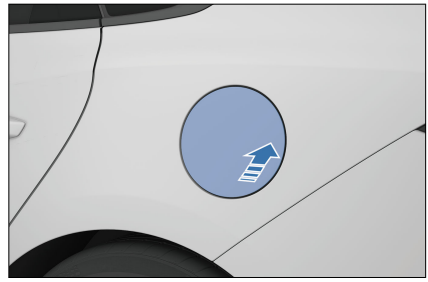
CAUTION

- 请勿使用含铅汽油。使用含铅汽油，将导致三元催化转化器失效并且造成排气污染控制装置功能失常，同时也增加保养费用。
- 由于使用不适当的燃油而造成的发动机损坏或排放超标，不在保修范围之内。
- 使用低标号或者劣质汽油会降低发动机寿命。

Refueling

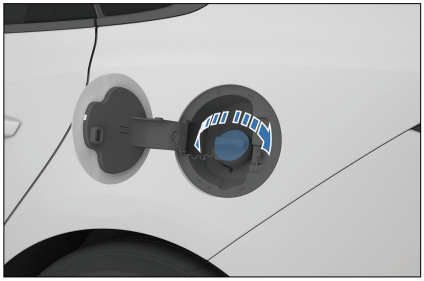
- The fuel door is located on the left side of the vehicle, so park the vehicle with its left side close to the fuel pump.
- Turn the vehicle off.

1. Open the fuel door.
   - After the vehicle is powered off, press the driver's pressure relief switch, wait for about 1–15 seconds, and press the fuel door to open it after the instrument cluster prompts that the fuel tank cap has been unlocked.



2. Rotate the fuel tank cap counterclockwise to remove it.

- Wait for 5-10 seconds and rotate the fuel tank cap counterclockwise to remove it. During this period, the fuel tank cap idling is normal. You may hear a "hiss" sound due to the air supply to the vacuum in the fuel tank.
- Connect the fuel tank cap to the refueling funnel with a cord to prevent inadvertent loss of the cap. While refueling, place the fuel tank cap on the bracket of the fuel door.



3. After refueling, screw up the fuel tank cap clockwise and then close the fuel door.

WARNING

- Since the fuel is flammable and combustible, pay attention to the following matters during refueling:
  - It is recommended to add fuel outdoors.
  - Do not smoke during fuel filling, so as to prevent sparks or open flames, which are easy to cause combustion.
  - Fuel filling and charging must be done separately. Do not refuel the vehicle with the charging connector connected, which should be keep a safe distance away from combustible products, or it may result in risk of damaged equipment or injuries when the operation of plugging/unplugging the charging connector is not done by rule, such as burning fuel.

CAUTION

- Due to different pressures in the fuel tank, the time from the fuel tank pressure relief to the fuel door unlocking will be different, and it is normal to see different waiting time of fuel door unlocking.
- 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.
- Check whether the fuel tank cap is tightened and whether the fuel door is closed in time after refueling.
- If the fuel tank cap is not tightened, may lights up on the instrument cluster.
- If the fuel adding is not completed within 15 minutes after the fuel door is opened, please close the door, open it, and add fuel again, otherwise the reverse spray of oil may occur during refueling.
- If the fuel tank cap is idling and cannot be opened, contact a BYD authorized dealer or service provider. Emergency opening of fuel filler cap: Lever the blanking cap off, which is in the center of the fuel tank cap handle. Insert a

CAUTION

slender guide rod (such as a gel pen refill) into the small hole till the end and keep, and rotate the handle counterclockwise to take the fuel tank cap off.

- 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.
  - 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. When outside temperatures are moderate, use fresh air mode.
  - Maintain proper tire pressure. Insufficient tire pressure causes tire wear and fuel waste.
  - Avoid prolonged idling of the engine. If you are in a low-traffic area and have to wait for people for a long time, it is better to turn off the engine and start it later.
  - Do not stop to warm up the engine. After starting, start to drive slowly immediately. This can make the engine reach the working temperature as soon as possible and reduce the emission of harmful substances. Unless it is in an extremely low temperature environment, you can keep a high idle speed by lightly stepping on the accelerator pedal in the "HEV-SPORT" N gear. After warming up, you can start to drive slowly.
  - Cold driving: When the engine is in cold state, do not run at high speed or drive with large throttle immediately after starting. It is recommended to start and drive slowly.
  - 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 driving into curbstones, and drive slowly in rough terrain. An inaccurate front wheel alignment causes excessive tire wear and increases the engine load and fuel consumption.
  - Keep the bottom of the vehicle clean and mud free. This not only reduces the weight of the vehicle body, but also prevents corrosion.

- 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.

Carrying Luggage

- This vehicle features several different spaces for convenient storage of articles. Overloading or improper accommodation may affect maneuverability, stability and normal operation of the vehicle, and reduce its safety.
- For loading baggage, the total mass of the vehicle body, all passengers, and baggage shall not exceed the maximum allowable mass.

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 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 toys in the vehicle, as this may affect driving safety and present a hazard to the children, especially in case of emergency braking or collision.

Loading the Trunk

- Place 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.
- If the trunk 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 ***P96*** in this Manual.

Fire Prevention

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

- Do not operate the engine at high speed by pressing the accelerator pedal continuously.
- 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.
  - Regularly check whether there is oil leakage in the engine compartment, and clean up the oil dirt and oil stain on the engine in time.
  - 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 disconnect the negative terminal of the low-voltage battery during vehicle repair or maintenance.
- Always keep portable fire extinguishers on the vehicle and know how to use.
  - Carry fire extinguishers with the vehicle and regularly check and replace them to ensure safety. Also, you should familiarize yourself with use of the fire extinguisher and be prepared for any accidents.
- In case of a fire in the vehicle, take effective measures in a timely and calm manner to minimize losses.
  - Generally, there are early signs of a fire, such as abnormal noise and odor in the vehicle body. If any, pull over the vehicle immediately and actively put out the fire according to the actual situation.
  - Call 119 fire alarm in time, and suggest contacting BYD authorized service shop and insurance company.
- 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). The fire extinguisher in the vehicle can be used to put out the fire from the front hatch gap against the fire parts. Or the driver is supposed to ask for help from the passing vehicles. If more than one extinguisher can be borrowed, the user is supposed to open the front hatch and fight against the fire.

- 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.

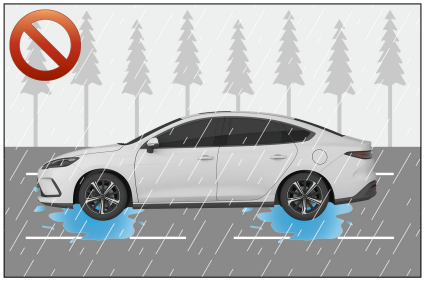
- The engine exhaust contains CO gas. If the vehicle is properly maintained, CO may not enter inside during normal driving.
- Check the exhaust system for leakage under the following conditions:
  - The exhaust sound is abnormal.
  - The vehicle has been subjected to accidents that may damage the bottom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

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.



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

WARNING

- If there is water, mud and silt in the brake system, it may cause the brake to lag behind, thus prolonging the braking distance and preventing accidents.
- Drive carefully and avoid emergency braking after crossing flooded areas.
- No water ingress into the engine is allowed! If the vehicle drives on the waterlogged road. 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.
- Other systems like transmission, driving and electrical systems may also be seriously damaged upon submersion. The resulting vehicle fault and damage may not be covered by the warranty.
- In case of strong convective weather, try to choose a place with rain shelter for charging; if the vehicle is soaked in water or wades over the threshold position, it may cause water to enter the interior of high-voltage parts, and it is necessary to contact the authorized service shop of BYD Automobile for proper detection and treatment; it is strictly prohibited to drive on the road where the water is more than half of the tire.
- 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.

Driving Safety Precautions

严禁酒后驾车

即使少量饮酒也会降低您对道路交通条件变化的应变能力，饮酒越多，反应越迟钝，因此，严禁酒后驾车。

控制车速

超速是发生撞车伤亡事故的主要原因，一般来说，速度越快危险性就越大，请您根据道路交通情况保持安全车速。

保持车辆处于安全驾驶状态

轮胎爆裂或机械故障都是极端危险的，为减少这类故障发生的可能性，应经常检查车况，并定期完成规定的各个检查项目。

WARNING

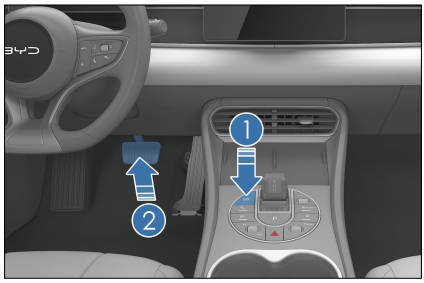
- Any driver must possess a driver's license before driving a vehicle.
- Do not drive when fatigued.
- Always follow the traffic regulations when driving a vehicle.
- During driving, please focus on driving, and avoid activity unrelated to driving (such as making / receiving phone calls and adjusting buttons).

Starting and Driving

Starting the Vehicle

In normal cases, start the vehicle as below:

- Carry a valid smart key and press the "Start/Stop" button while stepping on the brake pedal . When the "OK" indicator on the instrument is on, it indicates that the vehicle is in a drivable state.
- Shift to "D" or "R" position, and then the electrical parking brake will be released automatically. You can drive when you hear the release sound of the electronic hand brake system motor



The vehicle cannot power on when

- The vehicle cannot power on when:
  - When the start button is pressed, if the smart key system warning lamp illuminates, the loudspeaker in the vehicle beeps, and the middle information display on the combination instrument shows "key not detected", it indicates that the electronic smart key is not in the vehicle or the interfered vehicle cannot be detected.
  - The key is somewhere unsuitable for detection, such as on the floor, in the cup holder, boot, etc.
- 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.
  - If the engine is started repeatedly in a short period of time, it is necessary to wait for 10 seconds before starting the vehicle.
  - In addition to the above, smart entry and keyless start systems do not

work properly in some cases due to the environment in which they are used. For details, please refer to "Smart Access and Start System" in Chapter 3 "Operation of Controller".

Starting the Vehicle in Emergencies

- Engage the parking brake firmly.
- Turn off all unnecessary lights and accessories.
- Set the gear to "P".
- The power gear is in the "OFF" position.
- 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.

CAUTION

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

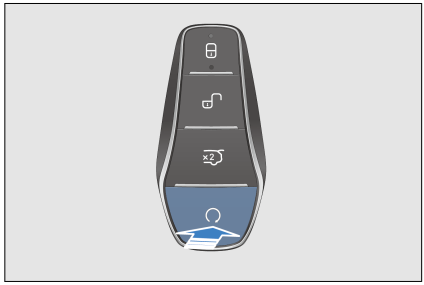
Remote Start

Before Starting

1. Ensure the vehicle is powered off.
2. The gearshift lever is on "P".
3. Vehicle speed is less than 5km/h.

Remote Start with the Electronic Smart Key

1. The vehicle can be started by pressing and holding the "remote start/ flameout" button of the electronic smart key for 2s. After the vehicle is successfully started, the turn signal will flash for 3 times.
2. If there is no valid operation within 10 minutes after remote start, the vehicle stops and powers off, and turn signals flash twice.
3. 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.



Driving

- During driving, energy is recovered through the regenerative brake when the vehicle decelerates. However, do not accelerate or decelerate unnecessarily.
- The user can enter the relevant setting interface to complete the setting through Setting → Energy → Energy Management → Energy Feedback Intensity Setting, select the corresponding energy feedback mode according to the driving habits, and the vehicle will achieve the optimal feedback feeling according to the feedback mode and actual working conditions.
  - High: Provides maximum energy recovery with greater vehicle deceleration.
  - Standard: Takes longer to decelerate and travels further than Larger.
- 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.

REMINDER

- Energy recovery may be limited when the battery temperature is too low/high or the charge is high;
- Energy recovery can not replace conventional braking, and the driver should apply braking in time according to the actual situation in the case of large deceleration and large downhill.
- 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.
- 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.
- Energy recovery can not replace conventional braking, and the driver should apply braking in time according to the actual situation in the case of large deceleration and large downhill.
- 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.
- 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.
- 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 Check before Driving

Before long-distance driving, it is better to conduct a safety check on the vehicle, which will ensure your driving safety and increase your driving pleasure. You can also entrust BYD Automobile Authorized Service Shop to check on your behalf.

General Exterior Iinspections of Vehicle

- Tire: Check tire pressure and carefully inspect tires for any cut, damage, foreign material, anomaly, and excessive wear.
- 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.
- Low-voltage battery and cables: 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

- Exhaust system: Listen for leaks. If there are any leaks, repair them immediately.
- Oil Level Gauge: Confirm that the vehicle is on the level ground, the N gear has been engaged, the engine is idling steadily, and the electronic parking has been pulled up. After the above conditions are met, enter the "journey data" of the multimedia screen, click the measurement beside the "engine oil level" gauge, and click the lighted "measurement" on the pop-up box after judging that the conditions are met.
- Instrument cluster: Confirm that the maintenance indicator and speedometer work normally.
- Brake: In a safe place, confirm that the driving direction of the whole vehicle is not biased to any side.
- Other abnormalities: check for loose parts, leakage and abnormal noise.

If everything is normal, you can enjoy the pleasure of driving.

REMINDER

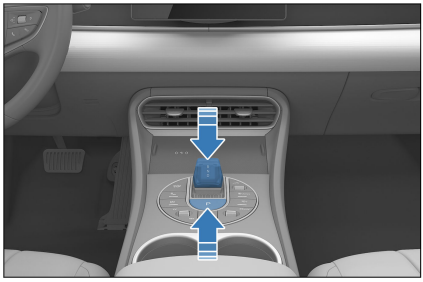
- Do not pile up children's toys in the vehicle. Such toys may affect the driving safety in case of emergency braking or collision.

Preparations Before Driving

- Check the surroundings before getting into 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.
- Close all doors.
- Fasten the seat belt.

Gear Shift Controls

- The gear position of the gear actuator is marked on the gearshift lever.
- "P": Park. Press the P gear button to park the vehicle. Start the vehicle and press the brake pedal to shift the lever from P to another position.



CAUTION

- To avoid damaging the transmission, press the P gear button only after the vehicle has come to a complete stop.

- Reverse. Shift to R only after the vehicle stops.
- "N": Neutral, used for temporary stop. However, the driver must ensure that the transmission is shifted to P before leaving the vehicle.
- "D": Drive, shift to D position to drive the vehicle normally.
- After successful gear shifting, release the gearshift lever, and it automatically returns to the central position.
- Turn the ignition on before shifting into "D".
- It is necessary to step on the brake at the same time when engaging the "P" gear or switching to the driving gear. For detailed operation, please refer to the instrument prompt.

WARNING

If the vehicle is moved for a long time after the motor is turned off and the "N" gear is engaged, the transmission may be seriously damaged due to the failure of lubrication.

WARNING

When the motor is running and the vehicle is in the "R"/"D" gear, always stop the vehicle by stepping on the brake pedal, as there is still force transmitted from the actuator and the vehicle can travel slowly even in its idle condition.

During driving, do not press the accelerator pedal while shifting gears to avoid accidents. To avoid accidents, do not shift the gearshift lever to the "R" gear or press the P button during driving.

Never coast downhill in "N" or "P", even if the motor is not running. To prevent the moving of the vehicle, pull up the EPB after the vehicle stops stably and press the P button.

Characteristics and precautions of EHS hybrid transmission:

- EHS hybrid transmission is a newly designed high-performance transmission, which combines the low fuel consumption of manual transmission with the comfortable operation of automatic transmission.
- In most driving situations, EHS hybrid transmission makes the vehicle smoother and more fuel-efficient when starting and shifting.
- The performance under some specific working conditions is normal. Please use it safely, for example:
  - Procedures for parking on flat ground: Park the vehicle on a suitable road, step on the brake pedal, pull up the EPB first, then release the brake pedal, and finally engage the shift lever into the "P" position to shut down the engine.
  - Steps for ramp parking: Step on the brake pedal on the slope until

the vehicle stops completely. Pull up the EPB first, then release the brake pedal, and finally engage the shift lever to the "P" position to stop the engine. When parking facing downhill, turn the steering wheel so that the front wheel is against the curb. When parking facing uphill, turn the steering wheel so that the rear wheel is against the curb.

Electronic Parking Brake (EPB)*

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

Engaging EPB Manually

When the vehicle is stationary and not in "P" gear, the user can trigger the electronic parking switch by Setting → ADAS → Safety Assistance → Electronic Parking Brake, and the EPB will apply an appropriate parking force. The indicator light on the instrument will flash first, and then it will be on, indicating that the EPB has been started, and there is a text prompt “Electronic parking has been started".

CAUTION

- The (P) 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 (P) stays on.

Engaging EPB Automatically

Flameout automatically pulls up

- When the vehicle is stationary and the power gear is turned from "OK" to "OFF", the EPB will automatically pull up and the indicator on the instrument (P) will light up.

Shifting into "P" automatically

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

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 shifted to P 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

- Please follow the correct shift operation. During the whole shift process, keep pressing the brake pedal. Release the brake pedal after confirming that the gear position indicated by the

CAUTION

instrument is the target gear position.

- Within seconds after the vehicle starts, the EPB system is in the process of power-on and self-locking, during which all functions are not responded to.

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

Emergency Braking When Brake Pedal Fails

- During driving, if the braking is blocked or fails, press and hold the P button for emergency braking.

WARNING

- 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.
- Since the EPB cannot exceed the physical limit of road adhesion, the emergency braking function may cause tail-spinning, sideslip or deflection of the car when driving through curves, dangerous sections, congested sections or in bad weather condition. Beware of causing accidents.

CAUTION

- To ensure driving safety, avoid using the "P" button for emergency braking under normal circumstances. In case of emergencies such as power-assisted brake failure or brake pedal blockage, the driver must always maintain control of the vehicle and properly use the emergency braking function.

Electric Parking Brake (EPB)

The trailer mode mainly takes into account the automatic pull-up function of the electronic parking system. When the vehicle needs to be turned off and towed, or there is a fault, the trailer mode can be turned on to release the EPB parking function.

- Release the EPB trailer mode via Setting →Vehicle Health→Overhaul→EPB trailer mode when P switch fails.
- Entry conditions for EPB trailer mode (to be met simultaneously):
  - The gearshift lever is on "P".
  - Press the brake pedal.
  - The vehicle is not connected to the charging gun and is not in the charging state.

CAUTION

- When the conditions for entering the EPB trailer mode are not met, the multimedia screen will give a corresponding prompt.
- After entering the trailer mode, the multimedia screen will always be in the trailer mode interface

CAUTION

unless you click to exit the trailer mode.

- If the vehicle is on a ramp and needs to enter the electronic parking trailer mode, the brake pedal should not be released during the process to avoid the risk of sliding.

- EPB trailer mode exit conditions (one of them is enough):
  - Multimedia Touchscreen
  - The driver presses the "P" button.
  - Charging starts after the charging connector is connected.

EPB System Indicator

- When the vehicle is powered on, if the EPB is engaged, the indicator (Ⓟ) on the instrument cluster stays on.
- When the power of the vehicle is turned off, if the EPB is turned on, the indicator light on the instrument will turn off after a few seconds.
- When the vehicle is powered on, the EPB system 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 or braking system may be faulty. Contact a BYD authorized dealer or service provider immediately.

EPB Operating 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.

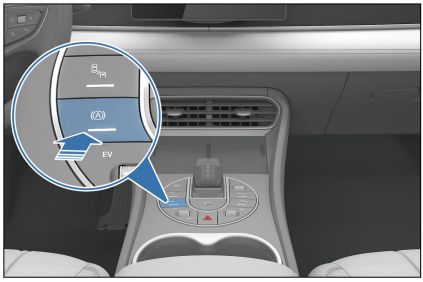
WARNING

- To prevent the vehicle from moving, the gearshift is not to be used to replace EPB when parking. EPB must be used instead, and the vehicle must be in "P" gear.
- The Electronic Parking Brake (EPB) switch must not be operated when the vehicle is moving to prevent severe accidents.
- When the EPB is 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.

Automatic Vehicle Hold (AVH)

The automatic vehicle hold (AVH) takes place when the vehicle needs to be stationary for longer periods of time, such as in traffic jams on a slope or waiting at traffic lights. When the AVH standby preconditions are met, AVH is activated if you press the brake pedal until the vehicle stops.

- Press the AVH switch to enable AVH. A white AVH standby indicator is displayed on the instrument cluster and will turns green when AVH can be enabled.
- Press the auto park function switch again to turn off the auto park function.



CAUTION

- Pressing the accelerator pedal, shifting into Park, or engaging the EPB can make AVH exit to the standby status. The vehicle exits AVH mode even if the AVH standby conditions are not met.

Preconditions for AVH Standby (All Must Be Met)

- The automatic parking function switch is turned on, and the instrument displays the white AVH standby indicator.
- The driver seat belt is fastened and the door is closed.
- The driving motor of the whole vehicle is started or the power gear is in the "OK" gear.
- The intelligent power braking system and the EPB system are trouble-free.

CAUTION

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

AVH Running Conditions (All Must Be Met)

- The AVH function is on standby.
- The brake pedal has been pressed to bring the vehicle to a stop.
  - The automatic parking function is activated, the vehicle brake light and the high brake light are on, and the instrument AVH indicator turns green.
  - The automatic parking function directly enters the standby state after 10 minutes of operation, and automatically pulls up the EPB.

CAUTION

- For AVH to be activated, all the conditions must be met at the same time.
- For AVH to be activated, all conditions of automatic parking function must be met.
- When you shift from "D" to "R", the system automatically enters slow-moving condition, in which AVH is deactivated. When the vehicle speed exceeds 10 km/h, it exits the slow-moving condition automatically.

Driving Precautions

- Slow down when driving against strong winds.
- 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 on bumpy or uneven roads or the shock would damage the tires.
- Avoid driving through flooded areas as much as possible.

- When the vehicle is on the road surface with low adhesion coefficient such as ice, snow, sand, wet ceramic tile or wet epoxy resin, please avoid parking on the ramp as far as possible to avoid sliding accidents.

WARNING

- The driver should ensure the safety of the passengers in the vehicle, guide the passengers to use the vehicle configuration function correctly, and avoid the wrong operation of children and other passengers in the vehicle.

REMINDER

- The battery is located in the vehicle's chassis, so be careful to avoid bumping when driving.
- Before driving, make sure that EPB is fully released and that the EPB indicator light is off.
- Do not leave the vehicle when the drive motor is running.
- Do not 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, make sure no occupant sticks his head or hands outside the vehicle, specially when there are children in the vehicle.

REMINDER

- Large amounts of water entering the engine compartment can cause damage to the power system and electrical components.

Winter Driving Precautions

- Make sure the coolant is freeze-proof.
  - Use coolant of the same type as the one used originally. Fill up coolant into the cooling system based on ambient temperature.
  - Improper coolant will damage the cooling system.
- Check the low-voltage battery and cable conditions.
  - The low-voltage battery's capacity is lower in cold weather, so they must be fully charged when winter comes.
- 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 other substitutes as washing liquid as this may damage the vehicle's paintwork.

- 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.

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 front view camera which detect the vehicle's distance and speed relative to the vehicle ahead. If the front of the vehicle is clear, the ACC will maintain the set cruising speed and drive forward. If a vehicle in front is detected, ACC will adjust the vehicle speed as required to maintain a distance from the vehicle in front based on the set time until the appropriate cruising speed is reached.
- The cruise control button is used to set the cruise speed and the headway between this vehicle and the target vehicle ahead. You can set the cruise control speed within the 30-150 km/h range, or set a fixed distance from the vehicle ahead to cruise at speeds between 0 km/h and 130km/h.

Description of working state

- ACC standby state:
  - 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 activation state:
  - 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).
- Override Control Status:
  - When the driver depresses the accelerator pedal with ACC activated, the vehicle responds to the driver's acceleration behavior, and ACC is suspended until the driver releases the accelerator pedal.
- ACC fault state:
  - The system is in a fault state and cannot be operated, and the ACC system fault state indicator on the instrument cluster lights up. Contact a BYD authorized dealer or service provider for handling.

Preconditions for ACC system activation

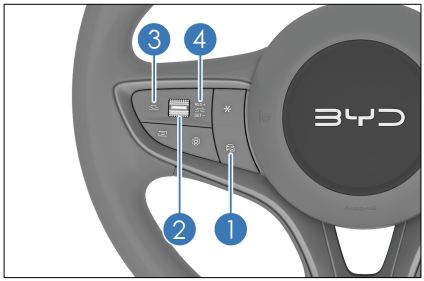
- EPB is released.
- The vehicle is in D gear.
- The vehicle does not slide backwards.

- The trunk, hood, and all doors are closed.
- Driver seat belt is fastened.
- ESC system is turned on but not activated.
- 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.

Cruise Control Button Operation

Activating/Deactivating ACC

- Press the button ① to turn on or to turn off ACC (when activation conditions are satisfied, ACC is activated). (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

- During the same power-up cycle, when the cruise is in the standby state, the system can memorize the last set cruise speed (the speed displayed on the instrument). Push up the lever ②to restore to the stored speed prior to exiting the cruise system. If the system does not remember the vehicle speed (ACC is activated for the first time in the current cycle), the reset key will not activate ACC.

Increasing/Decreasing target vehicle speed

- When the vehicle is activated, the vehicle speed can be increased/ decreased by 5 km/h by moving the lever up/down, or by 1 km/h by pressing and holding.

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. Pressing buttons ③ and ④ on the steering wheel adjusts vehicle distance to any of the four available levels. At each level, the following distance is in direct proportion to the vehicle speed. 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. If the cruising speed is less than 80 km/h, the driver depresses the accelerator pedal, and the vehicle will accelerate. After the speed is increased to the set target speed, the cruising speed will be updated to the latest real-time speed (the cruising speed can be increased to 80 km/h in this way); If the cruising speed is ⩾ 80 km/h, the cruising

speed will not be updated even if the driver depresses the accelerator pedal. After the driver releases the accelerator pedal, ACC resumes automatic control and the vehicle returns to the cruise speed set before acceleration. If the driver depresses the brake pedal and the vehicle continues to decelerate, the ACC system will automatically enter the standby state. After releasing the brake pedal, the driver needs to press the button again to activate ACC.

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 start the vehicle.
- If the stop time is more than 3 min, ACC automatically enters standby and the EPB switch engages.

System limitations

- Reaching or leaving a curve may delay or disturb target selection. In such cases, the ACC vehicle will likely not decelerate as expected or will decelerate late.
- On roads with sharp curves, such as winding roads, the vehicle ahead may be out of ACC sensor detection for several seconds due to sensor vision limitations, possibly causing the ACC vehicle to accelerate automatically.
- The driver should set the distance from a vehicle ahead and reasonably set the ACC system depending on the traffic flow ahead and current weather conditions such as rain or fog. After the ACC system is reasonably set, the driver should make sure that the vehicle can be decelerated to 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.
- ICC cannot be activated when the vehicle is in any special driving mode (Trailer/Snow/Mud/Sand/Mountain mode).

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 is meant to assist drivers, not to replace them. The driver must maintain control of the vehicle at all times, and is fully responsible for following local laws and regulations and for the vehicle’ s operation, regardless of the circumstances.
- For safety, ACC cannot be activated when ESC is not turned on.
- ACC is suitable for use on highways and roads in good conditions, rather than on complex urban roads or mountain 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.
- If a vehicle ahead brakes suddenly (emergency stop), ACC may fail to react or be slow in reacting to the vehicle ahead, resulting in the risk of late braking. In such case, there will be no take over request.
- The system does not have enough time to reduce the relative speed in some cases (the front vehicle is too slow relative to the own vehicle, the vehicle changes lanes too quickly, the front vehicle jams quickly at close range, or the safety distance from the front vehicle is too small, etc.). In this case, the driver must response. The system cannot give audio or visual warnings in every case.
- If ACC is activated with the vehicle stationary, the system identifies any stationary obstacle ahead and keeps the vehicle still to ensure a safe startup and prevent collision with the stationary target caused by unexpected starting. However, this function does not cover all obstacles, so the driver must be alert.
- A short distance from an adjacent lane (or a vehicle on an adjacent lane that is too close to the ACC vehicle's lane) may trigger ACC to brake.
- When the overlap between the vehicle and the vehicle ahead is too small, the ACC system may be unable to identify the vehicle ahead as the target. In this event, the driver shall keep control of the vehicle.
- When following a leading vehicle to a stop, in rare cases (special vehicles such as empty or semi-laden trailers), the system will not be able to identify the end of the vehicle but the end of the lower part of the target (such as the rear axle of a truck with a higher chassis or the bumper of a vehicle). In such cases, the system cannot ensure proper stop distance, so the driver must stay alert and be ready to brake.
- Modifying the vehicle structure, such as lowering the chassis or changing the front license mounting plate, may affect the ACC system.
- Do not use the ACC system when visibility is poor, or when driving on slopes, winding roads, or wet roads (covered in ice/snow or flooded).
- When ACC is activated, the vehicle is in a stationary state. When the steering wheel is turned at a large angle, ACC will judge that the driver has the need to change lanes and start, and ACC function will exit.
- When the automatic parking is activated (vehicle is stationary), the activation of ACC will cause the automatic parking to exit. Press the "Lane navigation"/ "Adaptive cruise"/ "Reset +" key again, and the vehicle will idle (ACC function exits) or cruise (ACC function does not exit).
- 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:
  - Remove the multi-function video controller.
  - Four wheels have been re-aligned due to wheel deviation;
  - A collision happens;
  - It is found that ACC system performance declines or a system error notification is displayed on the cluster.

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.

Navigation Guided Pilot

- 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 130 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.

ICC Activation Conditions

- EPB is released.
- The vehicle is in D gear.
- The vehicle does not slide backwards.
- The trunk, hood, and all doors are closed.
- Driver seat belt is fastened.
- The ESC system is on, but not activated yet.
- The vehicle speed is ⩽150km/h.
- Brake pedal is pressed at speed 0; or brake pedal is not pressed at speeds above 0.
- No vehicle network communication fault prompt is displayed on the instrument cluster.
- The AEB function is not activated.
- Two-way lane lines are clear and the vehicle is at the center of the lane.

How to use

- To enable or disable LDA, go to infotainment touchscreen → ADAS → Driving Assist → Lane Departure Assist System. This function switch can only be turned off through the central control screen setting interface when the vehicle is in "P" gear. The system defaults to the previous settings when the vehicle starts.
- When ICC is turned on, the standby state indicator on the instrument cluster lights up:
- When the ICC is activated, the instrument illuminates the active status indicator:

  When the system is operational, it maintains the set speed or automatically adjusts the distance from the vehicle ahead.
- When ICC fails, on the cluster lights up.

Precautions

- As ICC integrates ACC and LCC, follow precautions for ACC while using ICC.
- After the function is turned on and activated, within the speed range of 0 ~ 150km/h:
  - If no lane lines are detected ahead, the transverse control feature of

ICC is supressed and only ACC is engageed. The ICC is in stand by status.

- If lane lines ahead are clear and identifiable, ICC automatically activates its transverse control feature.

- ICC serves as a driving assist system rather than an autonomous driving system.The driver should always maintain control of the vehicle, and his/her hands should not leave the steering wheel for too long. Otherwise, the system will exit after prompting the driver to take control.
- 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 view camera.
- ICC cannot be activated when the vehicle is in any special driving mode (Trailer/Snow/Mud/Sand/Mountain mode).
- ICC cannot be used if:
  - The sensor is blocked.
  - The weather is bad.
  - Active safety function has been triggered.
  - The vehicle runs at an excessive speed.
  - The vehicle is passing through a sharp bend.

WARNING

- ICC is only for driver assistance. The driver is fully responsible for maintaining driving safety.
- ICC may fail due to factors such as unfavorable weather and road conditions.
- ICC may be automatically disabled should its turning capacity be exceeded when the vehicle is passing through a sharp bend. The driver must always pay attention to road conditions and ICC states.
- Please decide whether to use the lane navigation function according to your personal needs, traffic conditions and road environment.

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

- FCW and AEB use the front view 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

Users can turn on or off the forward collision warning and automatic emergency braking functions through the

Settings → ADAS → safety assistance interface. If the upper ignition cycle forward collision warning or automatic emergency braking function is off, the function will automatically turn on when the vehicle is restarted, and the forward collision warning sensitivity will default to "moderate"; if the upper ignition cycle forward collision warning or automatic emergency braking function is on, the last setting will be maintained.

Rear Collision Warning

- Safe distance warning
  - If the vehicle is too close to the vehicle ahead at speeds above 65 km/h for too long, the system gives a safety distance warning, and the indicator  lights up on the cluster.
- Pre-warning
  - If the vehicle travels at speeds between 15 and 150 km/h and the system recognizes a risk of collision with a vehicle ahead, the system will give a warning visually and audibly, and the indicator  on the cluster will light up and the buzzer will alarm. The driver must take prompt and appropriate actions to ensure a safe driving distance.
- Emergency warning
  - When the vehicle travels at speeds between 15 and 150 km/h, and the driver fails to respond promptly after pre-warning so that the collision risk is increased, the system will give a pre-warning visually and audibly, the indicator  on the cluster will flash, possibly accompanied by a short braking warning. The driver must take prompt and appropriate actions to ensure a safe driving distance.

AEB

- If the driver does not respond to the emergency alarm and the dangerous situation escalates further, the system will apply braking force within its capacity to avoid or mitigate the impact caused by the collision, and at the same time, it will give a visual and audible alarm, which is manifested by the lighting of the instrument indicator  and the alarm of the buzzer.
- If the driver has applied the brake during an emergency but the braking force is insufficient, the brake system provides the remaining braking forces to achieve the optimal target braking force, so as to avoid or mitigate any impact caused by the collision.
- Functional failure
  - When the  is displayed on the instrument, it means that the system is in a fault state and the automatic emergency braking (AEB) function cannot be used.

System limitations

- FCW and AEB may be affected or give no response in the following cases:
  - The vehicle is running in rain, snow, fog, water, direct sunlight, or greatly varying light.
  - The sensors are dirty, fogged, damaged, or blocked.
- 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 FCW 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 PCW and system as this may result in serious accidents leading to severe injuries or deaths. The system is only an auxiliary safety tool. The driver must always keep a safe distance from vehicles ahead, control the speed, and be ready to brake or steer away when necessary. The driver must keep control of vehicle at all times and be fully responsible for safe driving.
- The AEB system is activated at vehicle speeds above 4 km/h, but it can only reduce vehicle speed by up to 60 km/h. Careful driving is always required, because the system may not be triggered correctly.
- The AEB system cannot work normally when the ESC function is disabled or the fault light is on.
- Whenever PCW gives a warning, the driver must apply the brake based on current traffic conditions to decelerate 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).
- The front stereo vision camera may have a transient function failure due to limited detection if the vehicle runs under special conditions, such as circular ramps or tunnels. The function may be recovered by restarting the vehicle or driving along a normal road for a certain distance.
- When the surface of the forward looking binocular camera is dirty or covered by foreign matter, the display screen of the combination instrument will display the corresponding information, and the foreign matter on the sensor surface should be removed as required (the surface is dirty or covered by foreign matter, which will cause the sensor to be blinded). When a sensor fails, both PCW and AEB become deactivated and return to normal after the fault is eliminated.
- As the pedestrian protection function cannot overcome the restrictions of some physical conditions, it may not fully work within the speed range specified by the system. Therefore, the responsibility for taking timely and effective braking action always lies in the driver. The actual situations may decide whether the pedestrian

protection system gives a warning or whether the brake pedal can be used to apply the brake or evade pedestrians.

- The pedestrian protection system cannot, on its own, completely prevent accidents and serious injuries.
- 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.
- AEB intervenes only when all doors are closed and the seat belts are fastened. Note that AEB does not work in any of the following circumstances.
  - Any door is not closed or is opened while the vehicle is in motion.
  - Any seat belt is not fastened or is unbuckled while the vehicle is in motion.
  - The driver presses the brake pedal deeply.
  - The driver presses the accelerator sharply.
  - The driver frequently switches between the accelerator pedal and brake pedal during driving.
- The system may not always achieve its optimum performance in any of the following circumstances:
  - 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:
  - Remove the multi-function video controller.
  - The toe-in or rear axle wheel camber has been adjusted during four-wheel alignment.
  - A collision happens.
  - ACC system performance has degraded or become abnormal.
- 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.
- ICC cannot be activated when the vehicle is in any special driving mode (Trailer/Snow/Mud/Sand/Mountain mode).

WARNING

- FCW and AEB serve as driver assistance functions only, so the driver is fully responsible for driving safety.
- Influence of weather, road conditions, and other factors may cause FCW and AEB to fail.

WARNING

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

Traffic Sign Recognition (TSR)*

The traffic sign recognition (TSR) system recognizes speed limit signs through the front view camera. It displays relevant speed limit signs of the current road on the instrument cluster and emits alarms when the vehicle speed exceeds the detected speed limit.

How to Use

- When TSR recognizes the current traffic sign, the instrument cluster displays. When the vehicle speed displayed by the instrument is greater than speed limit value recognized by the system plus the sensitivity deviation of the intelligent speed limit alarm, the speed limit icon of the instrument will flash to remind the user not to drive over the speed limit.
- When TSR is disabled or recognizes no the current traffic sign, the instrument cluster displays no icon.

Precautions

- The speed limit indicator on the instrument cluster is off within a certain distance after the system identifies the speed limit sign, so the driver shall always make sure to control the vehicle at a proper speed.
- TSR can only recognize the speed limit signs but does not participate in the active control of the vehicle. The control sight of the vehicle is always in the hands of the driver, so please drive appropriately.
- When there are multiple speed limit signs on side-by-side lanes, the system identifies the speed limit sign on the current lane and lights up the speed limit indicator. The driver shall ensure that the vehicle is running on the correct lane.
- 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.
- Unclear or twisted, tilted, reflective, partially obscured or overlaid speed limit signs on the road reduce the recognition ability of the camera or make it impossible to recognize them.
- 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.

WARNING

- Use TSR based on your needs, traffic, and road conditions.
- Traffic Sign Recognition (TSR) requires periodic updates to maintain performance and can be automatically updated through OTA.

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. After being confirmed by the driver (dial the ACC speed control lever button), the system will automatically set the ACC cruise speed to the recognized speed limit value, so as to achieve the purpose that the vehicle will not exceed the speed limit.
- This function is available at the 30~150km/h speed range.

How to use

- To enable or disable, go to → ADAS → Active Safety from the touchscreen. The system defaults to the previous settings when the vehicle starts.
- ISLC can be activated provided that ACC is active.

Precautions

- The intelligent speed limit control (ISLC) is a combination of Adaptive Cruise Control (ACC) and Traffic Sign Recognition (TSR), so it is necessary to follow the precautions of ACC and TSR when using ISLC.
- ISLC is a driver assistance system, so the driver must keep control of the vehicle at all times.
- ISLC performance is affected by weather, lighting conditions and legibility of road signs. Conditions such as night, backlighting, sunset, rain, fog, haze, snow and ice cover, surface dust, and sudden changes in brightness may result in reduced recognition capability or failure to recognize speed limit signs.

WARNING

- ISLC only serves as a driver assistance function, so the driver must be fully responsible for driving safety.
- Influence of weather, road conditions, and other factors may cause ISLC to fail or lead to late alarms.
- Use ISLC based on your needs, traffic, and road conditions.
- Traffic Sign Recognition (TSR) requires periodic updates to maintain performance and can be automatically updated through OTA.

Adaptive Front Lighting

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

Description of working state

- AFL standby:
  - When the function is enabled but not activated yet, the icon is displayed on the instrument cluster.
- AFL activated:
  - 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.
- AFL failure:
  - When HMA fails, is displayed on the cluster.

How to use

- To enable or disable, go to → ADAS → Active Safety 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

- AFL 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.
- AFL system will exit when the driver turns on the fog lamp, steering lamp, high speed wiper gear, reverse driving, the light gear is in non-Auto gear, and the ambient light is too strong.
- Even when HMA is working, the driver must respond to possible situations where the HMA is triggered in error or fails to work due to unavoidable environmental factors and conditions. Typical 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.

WARNING

- 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)

Lane Departure Warning (LDW)

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

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.
- When the lane departure suppression (LDP) system is activated, if the activation time exceeds 5s, the system shall give an alarm at the 5th second, and the alarm shall continue until the system is activated. Alarm modes include: Acoustic warning, optical warning. If two or more consecutive system activations occur within a continuous period of 180 seconds, the system provides an immediate alarm. For the third intervention (and any further ones), alarms are extended by at least 12 seconds.

How to use

- To enable or disable, go to → ADAS → Active Safety from the touchscreen.
- There are three alarm modes of departure warning function: only sound alarm, only steering wheel vibration and sound alarm + steering wheel vibration.
- When LDW or LDP is enabled, the instrument cluster displays .
- When the LDW function is activated, an alarm is given (the alarm modes are: (Audio alarm, optical alarm and steering wheel vibration), and the corresponding virtual lane line on the instrument cluster will turn red.
- When the LDP function is activated, an alarm is given (the alarm modes are: (Audio alarm and/or optical 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 LDA system may detect incorrect or no lane lines in complex traffic. In the following situations, the system may fail or its performance significantly degrade:
  - 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.
- To avoid disturbing the user with frequent activation of the function, the function may be suppressed in the case of a narrow lane width.

Precautions

- LDW will be suppressed if the driver turns on the turn signals and changes lanes in the direction indicated by the turn signals.
- LDW may be suppressed if the vehicle travels over lane lines, or lane lines are unclear, too thin, worn, blurred or covered by dirt/snow.
- LDW may be suppressed if the lane is too wide or too narrow, the number of lanes increases or decreases, lane markings change suddenly on ramps or exits, or in situations of complex line crossings.
- LDW may be suppressed on slopes or winding roads when the vehicle travels too close to the vehicle ahead or the vehicle ahead blocks lane lines.
- LDW may be suppressed when the vehicle bumps greatly due to road conditions during driving, the vehicle accelerates or decelerates rapidly, or the steering wheel is turned sharply.
- The proper functioning of the system may be influenced by broken windshields in the view of the multi-function video controller, tinting of the vehicle's front windshield, the addition of non-compliant coatings, the placement of light-reflecting objects on the dashboard panel, and any additional objects that interfere with the view of the camera.
- For safety reasons, do not test LDW function on your own. The field of view of the multi-function video controller shall not be blocked by objects or interfered with by strong light. Transient obstruction of vision and bright light disturbance can temporarily deactivate the function, which can recover on its own when the field of vision becomes normal. If it fails to resume on its own, contact a BYD authorized dealer or service provider.
- It is recommended to turn LDWS off when driving in any of the following conditions:
  - Driving in a sporty style
  - Severe weather conditions
  - On uneven roads
- Situations where lane lines may not be identified include but are not limited to:
  - Unclear lane lines
  - Incomplete lane lines
- Situations that may cause recognition difficulty or late function activation of the multi-purpose camera include, but are not limited to:
  - The multi-purpose camera comes off, is loosely installed, or is blocked.
  - The vehicle is running under extreme weather, such as rain, snow, or smog.

- The multi-purpose camera is partially or completely blocked.

WARNING

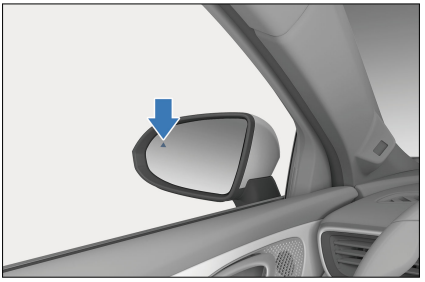
- LDA serves as a driver assistance function only, so the driver must be fully responsible for driving safety.
- The lane departure alert may fail due to some factors such as weather and road environment.
- Please decide whether to use the lane departure alert according to personal needs, traffic conditions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

Blind Area Assist (BSA)

- The blind spot assist (BSA) system includes Blind Spot Detection (BSD), Blind Spot Detection (BSD) and Blind Spot Detection (BSD), Blind Spot Detection (BSD). 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 reverses and the speed is not more than 15km/h, the rear crossing warning system detects the target passing through the rear blind area of the vehicle side through the rear corner millimeter wave radar. 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 Collision Warning (RCW)

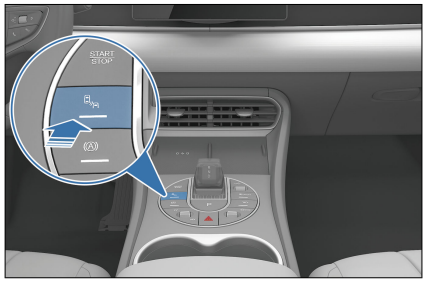
At vehicle speeds between 5-146 km/h, if rear corner mmWave radar sensors detect a risk of collision with a vehicle approaching too quickly from behind on the current lane, the hazard warning light turns on to warn the driver in that vehicle against a possible collision.

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.

Function Button Operation

- The user can open or close the blind area monitoring, rear traffic crossing warning, rear traffic crossing braking, rear collision warning and door opening warning through the Setting → ADAS → Safety Assistance → blind area assistance setting interface, or open or close the blind area monitoring through the physical button. The system defaults to the previous settings when the vehicle starts.



- 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, The instrument displays a yellow indicator light;
- When the blind spot assist system is active, is displayed, meaning that the function has been activated and can trigger alarms at any time.

Precautions

- BSD can assist the driver in monitoring the blind spots of the left and right external rearview mirrors, but it does not serve as a substitute for the driver's subjective observation and judgment while driving. The driver must drive properly by maintaining control of the vehicle at all times, and be fully responsible for the vehicle.
- When the target vehicle is approaching from the rear at a fast speed, BSD may not provide sufficient warning function.
- The driver shall ensure that BSD 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 gives a warning when irrelevant targets at the rear sides or behind the vehicle (e.g. large roadside repair signs, large roadside billboards, reflectors in tunnels, and other objects with large reflection cross-sectional areas) are detected as target vehicles by mistake.
- Detection may be affected or delayed in some environments. If the radar cross section of the target vehicle is too small (a bicycle, electric moped, or pedestrian, for example), the system may fail to identify targets and raise false alarms. In addition, detection may also be affected or delayed by noise or electromagnetic interference.

System limitations

- The activation of the system depends on many factors such as the environment, the state of the vehicle and the target, and the RCTB system cannot guarantee that the emergency braking can be activated every time.
- 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 BSD performance. If this is detected, contact a BYD authorized dealer or service provider.

WARNING

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

WARNING

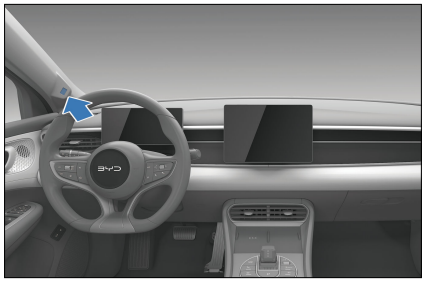
- Use BSA based on your needs along with traffic and road conditions.

Driver Monitoring Systems (DMS)

The driver monitoring assistant system (DMS) includes fatigue monitoring and distraction monitoring functions. It mainly monitors the driver's state in real time through the camera of the driver monitoring assistant system and makes a judgment. According to the judgment result, it reminds the driver to drive carefully and pay attention to driving safety (the original monitoring data will be deleted immediately after the judgment is completed, and will not be saved or uploaded to the server).

How to use

- The driver monitoring assistant system camera is located in the A-pillar of the main driver. The driver monitoring assistant system camera is located in the A-pillar of the main driver. When the camera is blocked, the function cannot be used normally.



- Users can turn on or off the fatigue reminder and distraction reminder functions through Setting →

Vehicle Settings → Cockpit Awareness, which are turned on by default when leaving the factory.

- In case of fatigue or distraction monitoring alarm, press the wheel button of the steering wheel, the function will be inhibited within 15 minutes, and the alarm will not be given.

Tire Pressure Monitoring

- When the vehicle speed meets the function activation conditions and the fatigue monitoring button is set to “ON", and when the system detects that the driver has fatigue driving (such as closing eyes, blinking, yawning, etc. Meet certain conditions), it will remind the driver through the instrument, intelligent voice, alarm sound, etc.

Distraction monitoring

- When the vehicle speed meets the function activation conditions and the position of the distraction monitoring button is "on", and when the system detects that the driver is distracted (for example, the left rearview mirror and the right rearview mirror meet certain conditions), it will remind the driver through the instrument, intelligent voice, alarm sound, etc.

REMINDER

- It is recommended to use a mild and clean cotton cloth to wipe the lens of the camera of the driver monitoring assistant system, and pay attention to avoid scratching the lens.

Precautions

- Driver monitoring is an auxiliary system, which can not ensure that it can effectively identify and warn in any case. It cannot completely replace the driver's subjective observation and judgment. The driver must maintain control of the vehicle at all times, complying with all road laws and regulations, and taking full responsibility for the vehicle.
- The functionality and accuracy of the Driver Monitoring Assistance System may be affected by a number of factors, including but not limited to:
  - The Driver Monitoring Assist function is disabled.
  - The driver monitoring system camera is directly illuminated by strong light.
  - The driver's face is partially illuminated by light or the facial features are incomplete.
  - The driver wears infrared blocking glasses or glasses with thick lenses for high myopia.
  - The driver wears a mask or other objects to cover his face.
  - The abnormal sitting posture of the driver is beyond the normal driving posture range, or the driver's face is within the blind area of the camera.

WARNING

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

Tire Pressure Monitoring*

Direct Tire Pressure Monitoring System

- 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 go to the instrument cluster menu by on the steering wheel, switch to the driving information bar by ◁ and ▷ of , and select the tire pressure display interface by the roller on .

Tire pressure system alarm

- When the pressure compensated by temperature 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 temperature of any one of the four tires is higher than 85°C for 3 consecutive minutes, the tire pressure system gives a high-temperature alarm, and the corresponding tire temperature indicator turns yellow. It is recommended to stop the vehicle and continue driving only after the tire temperature cools down.
- When the system is running, if a fault occurs, the tire pressure fault warning light is solid on after flashing, and the message "Abnormal signal" or "Please check the tire pressure monitoring system" is displayed on the instrument cluster. In that case, 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.

WARNING

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

CAUTION

- 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.

CAUTION

- 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.
- 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.
- If the vehicle is equipped with electrical accessories not approved by BYD, the tire pressure monitoring system may be disturbed. In this case, do not misunderstand it as a tire pressure system fault.
- For wheel rim replacement, spare tire* installation, or tire rotation for the four wheels, the tire pressure system should be reset. Please drive the vehicle to a BYD authorized dealer or service provider for resetting.

Indirect Tire Pressure Monitoring System (iTPMS)*

The TPMS can only monitor whether the tire is underpressure when the vehicle is running. When the tire pressure of one or more tires is abnormal, the indicator on the instrument cluster lights up, and a text prompt is displayed.

REMINDER

- The tire pressure monitoring system is developed for BYD original tires. We recommend using BYD original tires; otherwise, there is a risk of system fault alarm or abnormal performance.
- When the vehicle is powered on, the system conducts a function test. At this time, the indicators lights up briefly.

Tire Underpressure

- When the tire pressure of one or more tires changes, the tire pressure monitoring system sends out a tire underpressure alarm, the indicator on the instrument cluster lights up, the indicator corresponding to the underpressure tire turns yellow, and the buzzer alarms once.
- In this case, the driver shall immediately park the vehicle in a safe place, and then check all tires and tire pressures. Pay attention to safety during parking and avoid violent steering/braking operations. The TPMS shall be reset after the tire underpressure alarm is cleared.

WARNING

Different tire pressures or excessively low tire pressures may lead to tire failure and out-of-control of the vehicle, resulting in serious casualties.

- Different tire pressures or excessively low tire pressures may aggravate tire wear, reduce driving stability and extend braking distance.

WARNING

- Different tire pressures or excessively low tire pressures may lead to tire failure and out-of-control of the vehicle, resulting in serious casualties.
- Excessively low tire pressure increases tire distortion and heats up the tire rapidly, causing the tire to fall off and blow out.
- The use of tires with substandard air pressure may lead to tire damage and accidents. It is the driver's responsibility to ensure that all tires are inflated at the correct pressure. Therefore, be sure to inflate all tires to the correct air pressure before driving. The TPMS can work only when all cold-state tire pressures are correct.

The TPMS may give an alarm in the following cases:

- The tire pressure is changed manually.
- The pressure of one or more tires is excessively low.
- The tire is structurally damaged.
- One wheel is replaced respectively for the front and rear axles.
- The TPMS has not been reset after tire replacement or tire pressure modification.
- The load on one side of the vehicle is heavy.
- The wheel load on an axle is large, such as full load.
- Any snow chain is installed
- Any spare wheel is installed.

REMINDER

- When the vehicle is running on dirt roads, gravel roads, mountain roads, icy and snowy roads, or in sports mode, the TPMS is partially or completely turned off for a short time. If the vehicle is driven in these conditions for a long time, the alarm time of the TPMS is prolonged.

REMINDER

- When the vehicle is running on dirt roads, gravel roads, mountain roads, icy and snowy roads, or in sports mode, the TPMS is partially or completely turned off for a short time. If the vehicle is driven in these conditions for a long time, the alarm time of the TPMS is prolonged.

System fault

When the signal used by the TPMS cannot be received or is invalid, the indicator on the instrument cluster flashes for 60s and then stays on, a text prompt reading "Please check the TPMS" is displayed, and the buzzer gives an alarm once.
If the vehicle loses the tire pressure monitoring function, the driver should immediately drive the vehicle to a BYD authorized dealer or service provider for troubleshooting.

REMINDER

- The tire pressure monitoring display may also lose its function in the event of an ESC failure.
- System failure may occur after the anti-skid tire chain is installed.

REMINDER

- In the case of a tire underpressure alarm, resetting the TPMS without ensuring that the tire pressure is normal may cause the TPMS to be manually cleared. As a result, the TPMS may fail or the actual tire pressure may be excessively low at the next alarm. Therefore, make sure that all tires and tire pressures are normal before resetting.

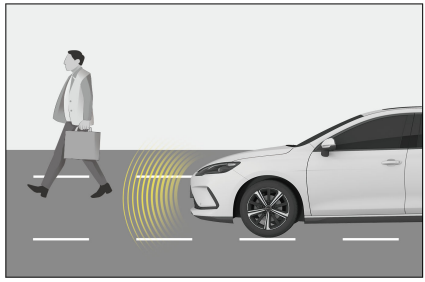
The tire pressure shall be reset after the following operations:

- The tire pressure of one or more tires is adjusted.
- Any tire/wheel is replaced or rotated.
- Any wheel is adjusted for dynamic balance.
- The chassis is technically modified.
- The ambient temperature has changed by more than 40°C since the last reset.
- After one year or 10000 km.

Acoustic Vehicle Alert 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.

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



- During driving forward:
  - When the vehicle speed is above 0 km/h but does not exceed 20 km/h, the prompt sound increases with the increase of the vehicle 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

- The user can turn on or off the engine sound simulator by sliding down the status bar on the top of the infotainment to open the Quick interface.

WARNING

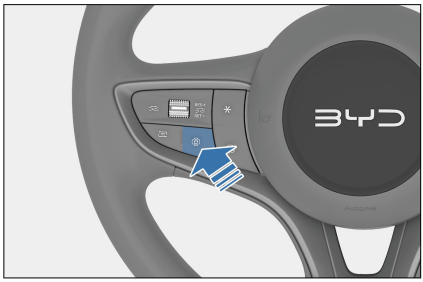
- The AVAS pause switch can only be used if there are no other road users within a short distance, and no audio prompt is needed considering the surroundings (for example, in a traffic jam or on the motorway). As long as pedestrians may appear around the vehicle, the AVAS needs to be turned on.

WARNING

- 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 at a constant speed of 20 km/h in D gear and check whether an audio prompt can be heard from the front of the vehicle. If it is confirmed that there is no sound, contact a BYD authorized dealer or service provider to deal with it.

Panoramic View*

With the vehicle powered ON, press on the steering wheel or tap Panorama to enter the panoramic view interface.



- 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 single front and rear views, double-tap the image section to switch to a 180° perspective displayed in full screen.
- Tap the radar icon in the automatic vehicle monitoring view to enable the radar display, and tap it again to disable. 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.

WARNING

- The panoramic view system can provide transparent panoramic view to show the image below the

WARNING

vehicle. This function is only for assisting in observation of area below the vehicle during parking/driving. Investigation of foreign objects below the vehicle and dangerous situations should be carried out in any other manner to ensure the safety of personnel and the vehicle.

- When the vehicle runs at a low speed, the transparent panoramic view function is affected by speed fluctuation or multiple stops, so there will be misalignment between the images below the vehicle and that outside the vehicle.
- The panoramic view system is only used for auxiliary parking/driving, and it is unsafe to park or drive only by the system, because there is a certain range of blind areas in front of and behind the vehicle. The surroundings of the car should be observed in other ways during the parking/driving process, so as to avoid accidents.
- This system uses wide-angle fisheye cameras, so the object on the display screen may appear somewhat deformed in comparison with the actual object.
- When the side mirrors are not extended in place, do not use the panoramic view system; and when the panoramic view system is used for parking/driving, ensure that all doors are closed.
- The object distance displayed on the panoramic view interface may be different from the subjective feeling, especially when the object is closer to the vehicle, the

WARNING

driver needs to judge the distance between the vehicle and the object according to a variety of ways.

- The camera is mounted above the front grille, the exterior 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.

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

- After reversing ends, the interface will be restored.

WARNING

- PAS stops working when the vehicle is in D and runs at a speed of over 10 km/h.
- Do not place any objects within the working range of each sensor.
- Do not clean any sensor with water or steam, as doing so may ruin the sensor.

REMINDER

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

Reversing Radar Power Switch (RRPS)

- To activate or deactivate the RRPS, press the RRPS button* or go to → ADAS → Parking Assist → Parking Radar from the touchscreen.
- When the power gear is "ON" or "OK", the EPB is released and the parking aid system is automatically turned on.
- Surrounding obstacles trigger an alarm only when PAS is activated.

Sensor Type

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

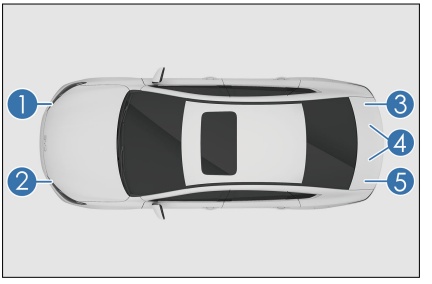
① Front right corner sensor*

② Front left corner sensor*

③ Rear left corner sensor

④ Rear central sensor

⑤ Rear right corner sensor



Distance Sensor Alarm

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

Working Examples of Central Sensor

Approximate Distance (mm)	Display examples on the multimedia display screen	Alarm Sound
About 700 to 1,200		Slow
About 400 to 700		Fast
About 0 to 400		Constant

Working Example of Corner Sensors

Approximate Distance (mm)	Display examples on the multimedia display screen	Alarm Sound
About 400 to 600		Fast
About 0 to 400		Constant

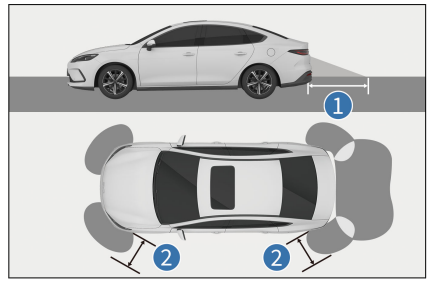
Working Sensors and Their Detection Range

All sensors work when reversing.

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

① About 1200mm

② About 600 mm



REMINDER

- The parking assist system is only for assistance, and is not a substitute for personal judgment.

REMINDER

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

CAUTION

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

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. The system assists vehicle braking according to the driver's demands. It offers advanced control functions such as ABS, electronic brake force distribution (EBD), traction control system (TCS), vehicle dynamic control (VDC), comfort parking (CST), hill-start hold control (HHC), hydraulic brake assist (HBA), and controlled deceleration for parking brake (CDP) to improve vehicle stability and comfort, and the recovery efficiency of brake energy.

Vehicle Dynamics Control (VDC)

When the vehicle turns suddenly while running, the VDC system 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:
  - On slippery roads, even if TCS is working properly, it may not be able to control the direction and meet power requirements.
  - Do not drive in conditions where the vehicle may lose its stability and power.

Hill Hold Control (HHC)

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

Hydraulic Brake Assist (HBA)

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

CDP

When 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.

ESC operation instructions

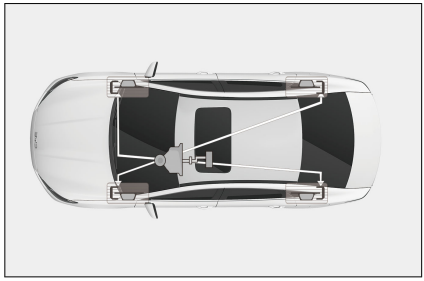
Intelligent power braking system has the following new functions compared with the original ESC system:

- Steering Assist Mode Setting
  - Brake assist mode (name of setting item) is used to adjust brake assist. In different modes, the relationship curve between brake assist depth and vehicle deceleration is different, and the driver can choose the braking style he likes.
  - The user can enter the "brake booster mode" setting interface through the ESC OFF button * or Settings → Vehicle Control → Driving Control, and select to adjust "Comfort"/ "Sport".
- **Comfort Parking (CST)**
  - Comfort parking function: When the vehicle decelerates and stops in a non-emergency situation, the intelligent power brake system reduces the suspension pitch and impact at the moment of stopping by controlling the braking pressure of the four brakes, providing the driver with smooth parking.
  - The user can enter the "Comfort Parking" setting interface by going to Settings → Vehicle Control → Driving Control, and select to enable or disable this function.
  - After the function is triggered, the braking distance may increase by 2-5 cm. Increase the distance from the vehicle or obstacle ahead accordingly before stopping your vehicle.
- Brake disc wiping
  - Brake disc wiping Function： When the wiper switch is turned on or the rain is detected by the rain sensor, the intelligent dynamic braking system applies a small braking pressure to the four brakes to make the brake pad contact with the brake disc and remove the water film on the brake disc, so as to achieve the purpose of reducing the braking response time and shortening the braking distance.
  - As long as the system detects rain or wet roads, it repeatedly wipes the brake disc at a certain interval.
- 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 engine to wheels. In this case, you may need to turn off the system to get out of the jam.
- Turning off ESC
  - When the ESC system needs to be turned off, turn off the ESC system by pressing the ESC OFF button * or Settings → DiPilot → active safety → electronic body stability system. 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.

- Restarting ESC after the engine is powered off
  - When the ESC system has been turned off, restarting the engine will automatically restart ESC system.
- ESC system start and speed linkage
  - If the ESC system is turned off, when the vehicle becomes extremely unstable as the speed increases and exceeds the threshold (80 km/h), the ESC system starts on its own.
- ESC activated
  - If the ESC fault indicator flashes, drive with caution.
- With ESC system disabled
  - Be careful when ESC is disabled, and drive at speeds suitable for road conditions. The ESC system ensures vehicle stability and its driving force. Never turn it off unless necessary.
- Tire replacement
  - Make sure all tires are of the same size, brand, tread pattern, and total load. Also, inflate tires to the recommended tire pressure.
  - If different tires are installed on the vehicle, ABS and ESC may not be functional.
  - Contact a BYD authorized dealer or service provider for details on how to replace tires or wheels.
- Tire and suspension handling
  - The use of any defective tire or modified suspension affects the driving safety system and may cause the system to fail.

Anti-lock Braking System (ABS)

- The ABS hydraulic system has two separate circuits. Each circuit 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 the ABS is working, the brake pedal will vibrate, which may produce noise. This is because the ABS is pulsating the brake quickly, which is normal.

EBD (Electronic Brake Force Distribution)

- The EBD function is an auxiliary function of ABS. Before the action of ABS, if the slip rate of the rear wheel

is high, the ABS system will adjust the brake pressure of the rear wheel to obtain a smoother and more ideal brake force distribution.

WARNING

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

REMINDER

- If the ABS fault warning light is still on while the braking system warning light is on, immediately park the vehicle in a safe place. It is recommended to contact a BYD authorized dealer or service provider.
- In this case, if brakes are applied, the ABS will not work and the vehicle will become extremely unstable.
- ABS cannot reduce the time and distance required to brake the vehicle. This device only helps you control steering when braking.

REMINDER

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.
- Vehicles equipped with ABS may require a longer braking distance than vehicles without ABS when driving on wet or soft or uneven surfaces such as waterlogged cement, waterlogged epoxy paint, gravel, snow, etc. In such cases, reduce the vehicle speed and keep a greater distance from other vehicles.

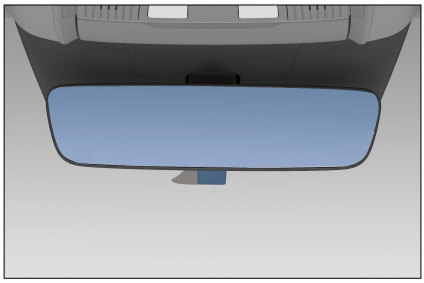
Other Main Functions

Interior Rearview Mirror

Automatic Anti-glare Interior Rearview Mirror*

- The automatic anti-glare interior rearview mirror is equipped with electronic anti-glare function, which automatically adjusts the lens color of the mirror according to the surroundings to reduce the

interference of rear glare on the driver's field of vision.



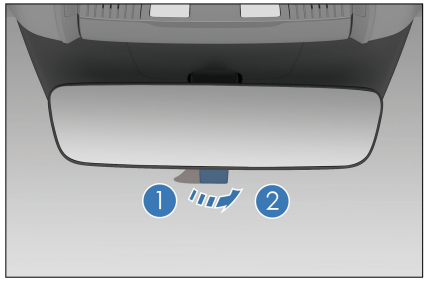
WARNING

- 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.
- Adjusting the interior rearview mirror before driving. Do not adjust the rearview mirror while driving. This may distract your attention, causing accidents.

Manual Anti-glare Interior Rearview Mirror

The manual anti-glare rearview mirror is designed with the normal mode and anti-glare mode:

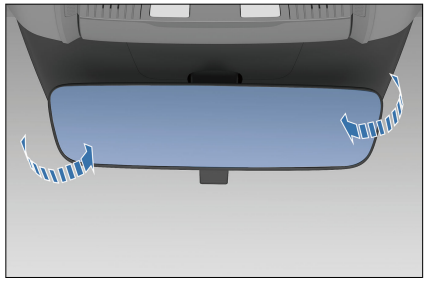
- Normal mode —— rotate the control stick to ① to get the clearest mirror image.



- Anti-glare mode - adjust the control lever in position, where the interference from headlights behind can be effectively reduced at night. Remember that rear view image clarity decreases when glare is reduced.

Adjusting the Rearview Mirror Manually

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



WARNING

- Adjusting the interior rearview mirror before driving. Do not adjust the rearview mirror while driving. This may distract your attention, causing accidents.
- Do not hang heavy objects on the interior rearview mirror, or shake or pull it vigorously.
- When the interior rearview mirror gets stuck, do not adjust it

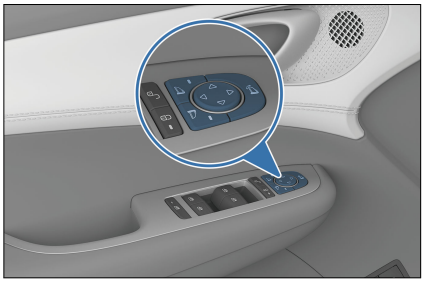
WARNING

violently by hand, as this may cause it to fall off.

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 side mirror to be adjusted.
  - : Left side mirror button
  - : Right side mirror button

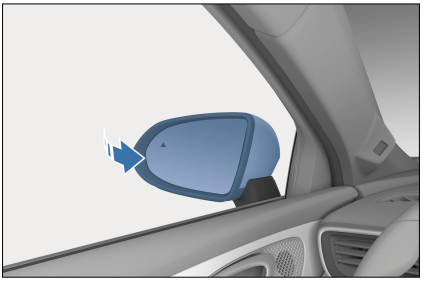


- Adjustment switch - used to adjust the side mirror lens. Press the switch according to the desired direction.

Folding Side Mirrors

Electric side mirror folding button

- 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.



Wipers

Inspect wiper blades for cracks or partial hardening at least every six months. If any of these are found, the wiper blades should be replaced. Failure to do so may result in windshield damage or incomplete cleaning of the windshield.

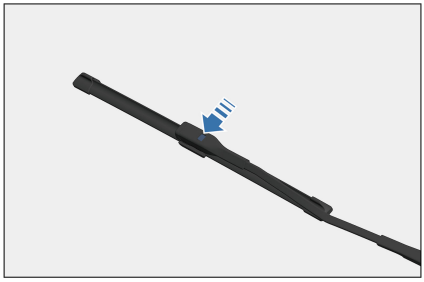
CAUTION

- Do not open the hood when wiper arms are lifted, otherwise it may damage the hood and wiper arms.

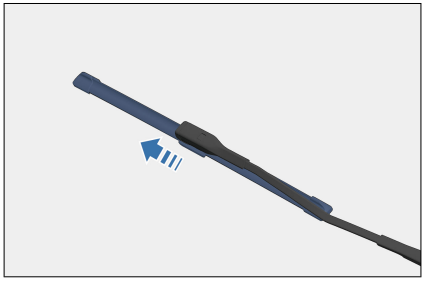
Replacing Wiper Blades

The user can go to Multimedia 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.



CAUTION

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

Snow Chains

- Snow chains are only for emergency use or used in specific areas expressly stipulated by law.
- 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, so the thin anti-skid chain should be selected. It is recommended that the thickness or diameter of the anti-skid chain should not exceed 5mm, so that there is enough free space between the tire and other parts in the wheel housing.
- Please carefully check and read the component assembly drawing and other instructions of the snow chain manufacturer.
- Consult the BYD authorized dealer or service provider from which you purchase the vehicle before you purchase snow chains and install them onto the tires.
- After snow chains are installed, be sure to travel at a speed below 30 km/h on snow-covered roads.
- In order to minimize wear of wheels and snow chains, do not travel with snow chains on roads without snow.

REMINDER

- Do not drive above 30 km/h or the limit speed specified by the snow chain manufacturer, whichever is lower.
- Drive carefully, paying attention to bumps, potholes, and sharp turns that can cause the vehicle to bounce.
- For vehicles with snow chains, avoid sharp turns or braking with locked wheels, and slow down the vehicle before entering a curve to avoid accidents due to loss of control.

REMINDER

- Tires snow chains should be used symmetrically and remove immediately when not in use.
- If you hear abnormal noise from the anti-skid chain, it indicates that the anti-skid chain may touch the suspension, body or brake pipeline, and you should stop immediately to check.

05 IN-VEHICLE DEVICES

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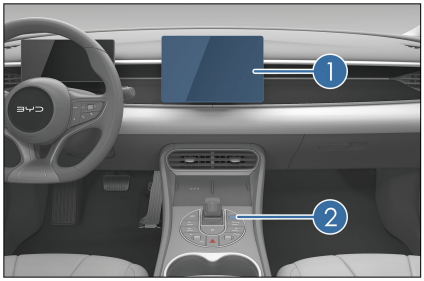
Infotainment system

Infotainment Touchscreen

- When the power gear of the whole vehicle is in the "ON" gear, the initial screen will be displayed for several seconds, and the system will start to work. To better experience infotainment functions, such as intelligent voice control, apps and video call, the system must be used after network connection.

① Multimedia Touchscreen

② Infotainment switch/Volume roller



- When the multimedia is started, press the first time to turn off the audio, and press the second time to turn on the audio mode; press and hold for 3s to restart the multimedia.
- When the multimedia or radio station is activated, turn the wheel upward (in the front of the vehicle) to increase the volume; turn the wheel downward (in the rear of the vehicle) to decrease the volume; the volume changes from 0 to 39. A mute icon appears in the status bar when the volume is 0.

WARNING

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

CAUTION

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

Widget

- After the multimedia is started, it will automatically enter the Widget interface, which mainly includes the following modules: Top status bar, vehicle settings, air conditioning, navigation bar, Widget window.



Three small windows can be set in the Widget interface, and users can also set them according to their own preferences:

1. Add Widget: Long press the Widget icon you want to replace to make it editable. The Widget icon that can be added appears at the bottom of the interface. Drag it to the ideal position and let go.
2. Delete Widget: Long press the Widget icon you want to delete, drag it to the delete icon position at the top of the interface, and let go to delete it.
3. Change location: Press and hold one of the Widget icons, drag it to another Widget position, and let go to change the current position.

Shortcut: The top status bar slides down to open the convenient interface, including wireless network, mobile data, Bluetooth, mute, hotspot, screenshot, remote location, brightness, other vehicle control switches and other shortcuts.

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

BYD Assistant

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

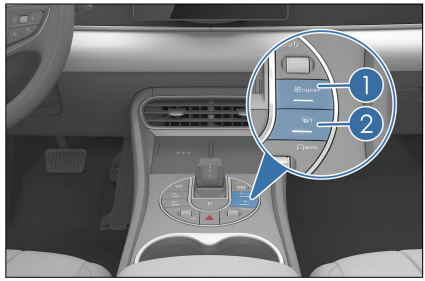
- How to wake up BYD Assistant:
  - Car owners can wake up the voice assistant by clicking the button on the steering wheel or clicking the desktop voice icon in the upper left corner or the voice wake-up word "Hi, BYD". After the intelligent voice is awakened, it can begin to recognize voice commands.
- Make a request as you like.
  - For example, "Play music" "," Start DAB + "," Make a call (need to get the address book and connect to the Bluetooth of the mobile phone) "," Set the temperature to 23 degree ", "Turn on the seat ventilation for the driver", etc. BYD Assistant performs the recognized instruction.

A/C

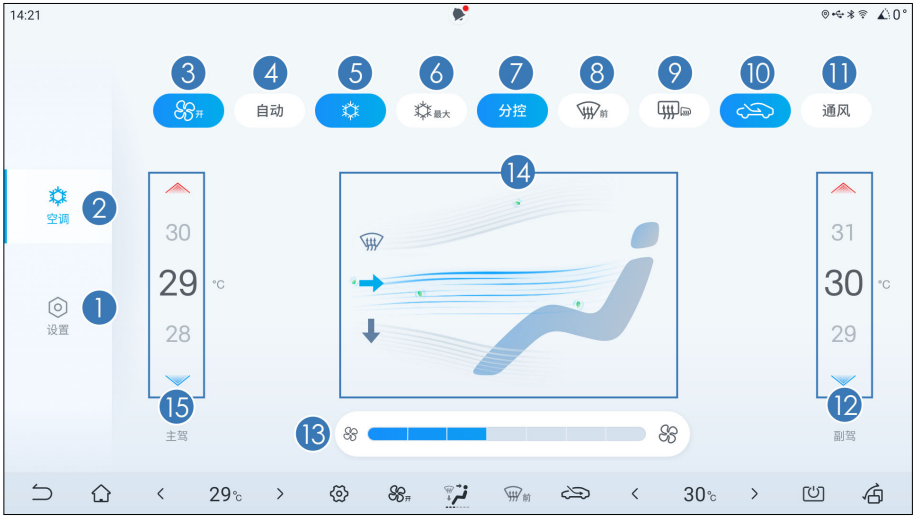
A/C Panel

① A/C ON/OFF

② Infotainment switch/Volume roller



A/C Operation Interface



1 A/C Settings

2 A/C Operation Interface

3 A/C button

4 Automatic A/C button

5 Cooling

6 Maximum Cooling

7 Dual-zone control

8 Defrosting button for front windshield

9 Rear windshield defroster

10 Recirculation/Fresh air

11 Ventilation

12 Front passenger climate control

13 Blower Speed Adjustment

14 Blowing Mode

15 Driver climate control

REMINDER

- A/C odor:
  - 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 of the A/C, the evaporator is easy to be attached by the A/C condensate, and the wet

REMINDER

evaporator tends to adsorb unfiltered human perspiration, dust, etc. If the condensed water 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.

REMINDER

- Methods to prevent odor of A/C:
  - 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.
- For heating in autumn and winter, the A/C may request to start the engine. To switch to EV mode, press and hold the EV button.

Function Definition

A/C button

- Press A/C ON/OFF button to turn off the A/C System. The blowing mode is not changed and the recirculation mode is activated. Press the "On/Off" button on the panel again or click the "Off" button on the air conditioner operation interface to turn off the air conditioner.
- When the A/C turns off, press the A/C button again, and the A/C memory sets the temperature, blower speed and ventilation mode as the last state.

Blower Speed Adjustment

Click the appropriate blower fan speed gear to set the blower fan at the required speed. The higher the gear is, the higher the blower fan speed is, and the more air is input.

Defrosting button for front windshield

- Press the "Front windshield defrosting button" on the A/C panel or click the "Front" button on the display screen, and the air flow mainly blows to the front windshield and side window glass. Press the "Front windshield defrosting button" on the A/C panel again or click "Front" on the display screen, and the A/C system will return to the previous state.
- Press the “Front windshield defrosting button" on the air conditioning panel or click the "front" button on the display screen to turn on the defrosting and defogging function, and turn on the air conditioning at the same time, that is, whether the compressor control button is operated or not, the air conditioning will be turned on.

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.
- 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.
- "Lo" is displayed when the temperature is set to the lowest. 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 the Maximum Cooling icon. The A/C system runs in fully cool air mode, 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. Click this button again, and the air conditioner enters the automatic 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

Click the internal and external circulation button, the air inlet mode changes from the external circulation icon to the internal circulation icon, and the air inlet mode is internal circulation. At this time, press this button again, the air inlet mode changes from the internal circulation icon to the external circulation icon, and the air inlet mode is external circulation.

Rear Windshield Defroster

- The power position must be "ON". Click the "Rear Defrost" button to enable the rear windshield defrost/defogger and the exterior rearview mirror defrost/defogger * to work.
- Thin electric heating wires on the inside of the rear windshield glass and side mirror will make the glass and lens clear. After the glass and lens surface are clear, press the "Rear Defrost" button again to turn off the defrost/defogger. The system will automatically shut down after 15 minutes of defrost/defogger operation. Continued use will cause the low voltage battery to discharge, especially during stop-and-go driving.

WARNING

- Do not touch the mirror surface after turning on the defogger switch because the outside rear view mirror surface will become hot.
- When cleaning the inside of the rear windows, take care not to scratch or damage electric heating wires or junctions.

WARNING

- To prevent the low-voltage battery from discharging, turn off the defogger switch when it is not in the "ON" position.

Ventilation Button

- Click the ventilation button, the air conditioner enters the ventilation mode, the internal and external circulation state is external circulation, adjust the temperature to turn on the air conditioner, the blowing is natural wind, click this button again, the air conditioner enters the automatic mode.

Blowing Mode Selection

- Select the appropriate blowing mode by clicking on the arrow on the display.
- You can turn on multiple modes (up to three) simultaneously by using the touchscreen.
- It can be adjusted according to the following air outlet diagram.
  - Face level mode: Air is blown onto the driver's and passengers' upper bodies.
  - Footwell vent: Air is blown onto the driver's and passengers' feet.
  - Defrost: Air is blown onto the front windshield and side windows.

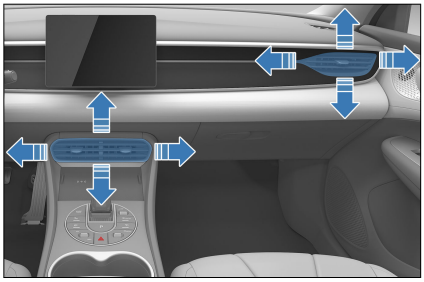
Usage Guidelines

- To quickly cool down the interior after long exposure to sunlight, drive for a few minutes with the windows open In this way, the hot air can be discharged to facilitate the A/C to cool down the vehicle.
- Make sure that the air intake grille in front of the windshield is not blocked (for example, by leafs or snow).
- Avoid blowing cool air onto the windshield in humid weather. The inner and outer temperature difference can cause glass fogging.
- Keep the space under the front seats clear to improve air circulation.
- In cold weather, run the fan at high speed for one minute to remove snow or moisture from the intake passage and reduce fogging.
- Close all windows when following other vehicles on a dusty road or driving in windy and dusty conditions. If the dust raised by other vehicles still enters the vehicle even if all windows are closed, it is recommended to set the air intake mode as recirculation mode and set the blower speed at any position.
- To speed up cooling, adjust the temperature to "Lo" and use the recirculation mode for a few minutes.
- 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.
- 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.
- Press and hold the "start/stop" button of the electronic smart key to turn on/off the air conditioner.

Vents

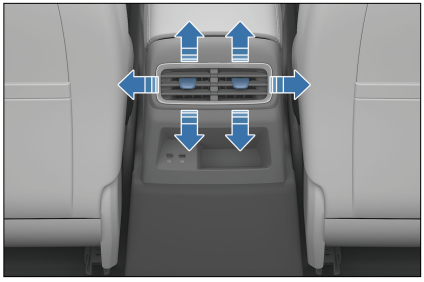
Front Vent

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



Rear Vents

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



A/C Settings

A/C Settings

- A/C Settings

Fan Speed Reduction during Calls

- Fan Speed Reduction ON/OFF during Calls

Auto Air Recirculation when Parking

- AUTO Recirculated Mode in Tunne

Remotely controlled air conditioner running time (mins)

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

A/C Auto Mode

- Economical and Comfort modes are available.

AUTO Recirculated Mode in Tunne

- AUTO Recirculated Mode in Tunne

BYD App

BYD App

- BYD app is a mobile application of Internet of Vehicle (IoV) developed by BYD independently. It allows you to control the vehicle remotely and check vehicle conditions, delivering cloud era experience of IoV.
- Search for "BYD" in Google Play or App Store to download and install “BYD” APP.

Account Registration

After downloading and installing the BYD App, register and log in to your account through the mobile guide by following the steps below.

1. After starting the App, click "Register" to enter the "Register" interface;
2. Enter email address registered in BYD authorized dealer, tap “Send email” to receive verification code, and then enter the code in app.
3. Set your password in password setting screen to complete the registration, and then the homepage is displayed.

CAUTION

- Provide the email address registered at the BYD authorized dealer, or registration will fail.

CAUTION

- In the app, select a country or region on upper right corner of the screen. The default setting depends on your phone setting. If it is not where you make the purchase, choose the right one, otherwise your data will not be accessible.

Vehicle Condition and Control

The BYD App homepage provides information and control items of the vehicle.

1. The homepage shows remaining driving range, SOC, vehicle error information, and status of vehicle driving, charging, A/C system, seat heater, and tire pressure.
2. Tap lock, unlock, light flashing & honking, or light flashing button to activate the corresponding function.
3. Turn on or off A/C on the app homepage, or tap the A/C card to access other settings, such as temperature regulation.
4. At the bottom of the homepage, tap the icon of seats, doors and windows, or tires to go to the associated screen and check their status.
5. If you have multiple vehicles on an account, tap the vehicle name in the upper left corner of the screen to switch between vehicles.

CAUTION

- The control function of the app is mainly for remote use. To use this function, ensure your phone and vehicle are connected to the Internet.

Personal Center and Vehicle Management

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

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

Mobile Phone Bluetooth Digital Key*

Mobile Phone Bluetooth Digital Key

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

- You can download and install the latest BYD App in the app market. The function of Bluetooth digital key can be found in the app.
- For the vehicle with mobile phone Bluetooth car key configuration, the user can use the mobile phone Bluetooth car key after performing a short activation process in BYD App.
- Turn on the Bluetooth on your phone, approach the vehicle, and open the BYD App for automatic Bluetooth digital key connection. You can also

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

- The specific functions supported by the key are subject to the vehicle configuration. The key can be used without network. After the key connection, you can select operations, and the app will immediately send commands to control the vehicle.
- According to the requirements of relevant laws and regulations, in some countries and regions, when the user starts the vehicle, the vehicle will be located and detected, and the Bluetooth key of the mobile phone will not be allowed to start the vehicle until it is within two meters of the vehicle, so as to ensure the safety of the vehicle property.

CAUTION

- Before activating the mobile phone Bluetooth vehicle key, it is necessary to ensure that the network signal at the vehicle end is good. If the activation fails, you can try to move the vehicle to a good network location and activate the Bluetooth key at the app end again.
- After the Bluetooth key of the mobile phone is unlocked, the door will be automatically locked without any operation in a short time.
- When the phone Bluetooth key fails to connect or fails to operate for many times, you can try to turn off the system Bluetooth and then turn it on, or try to restart the application.
- The use distance of mobile phone Bluetooth car key is limited by the environment around the car and the performance of the mobile phone. In the case of dense

CAUTION

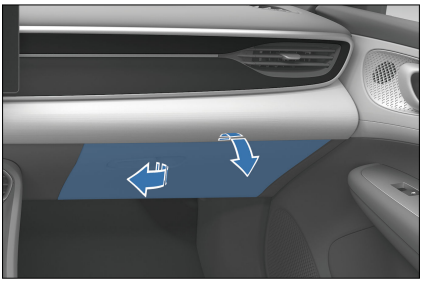
vehicles, the use distance will be shortened.

- Bluetooth keys are compatible with mobile phones, and there are a few unsupported mobile phone devices.

Storage

Glove Box

- To open the glovebox, pull up the glovebox handle.
- Push the glovebox cover up to close it.



REMINDER

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

Cubby Box

- When using the central armrest box, pull it up to open the central armrest box.



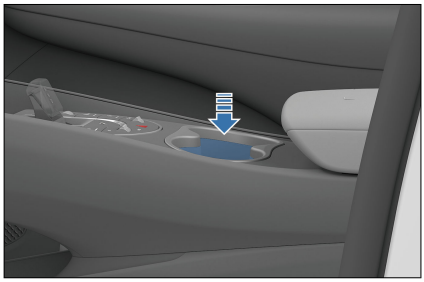
REMINDER

- Please keep the front central armrest box closed during driving.

Cup Holder

Front Seat Cup Holder

The cup holder is used for securely placing the cup, ashtray or beverage can.



REMINDER

- The cup holder should hold the cup or beverage can securely to prevent the liquid in the cup or beverage can from spilling.

Rear Seat Cup Holder

- Pull out the rear seat armrest to access the rear cup holders.

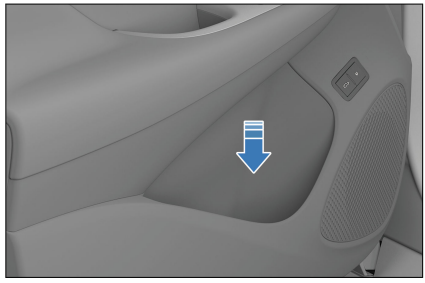


CAUTION

- When using the cup holder, do not start or brake the vehicle suddenly to prevent liquid spillage and burn you or other passengers.
- 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.

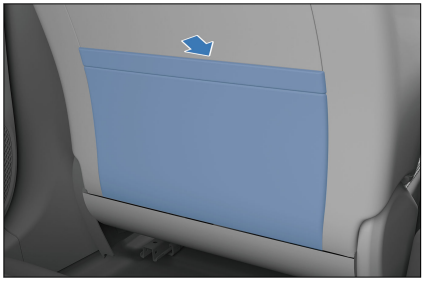
Door Bins

- There are storage boxes on the four doors, which can be used to place mobile phones and bills.



Seatback Pockets

- There are seatback pockets at the back of the front seats for storing magazines, newspapers, or similar objects.

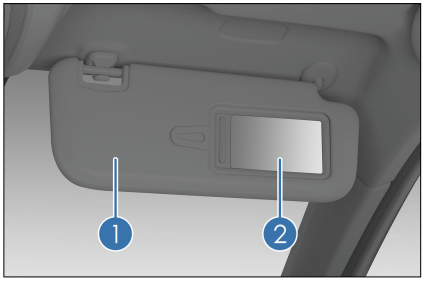


Other In-Vehicle Devices

Sun visor

①Sun 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.



②Vanity Mirror

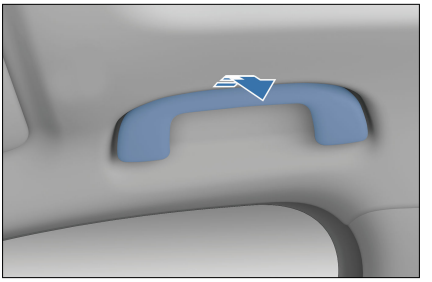
- To use the vanity mirror, pull down a sun visor and slide the vanity mirror cover aside.

REMINDER

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

Grab Handles

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

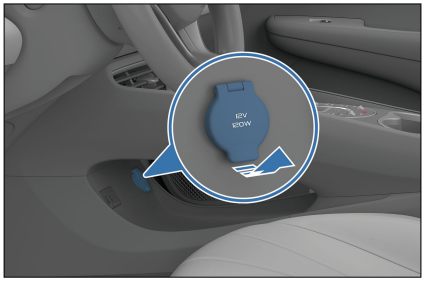


CAUTION

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

12V Auxiliary Power

- It is used for accessories with 12V DC working voltage and no more than 10A working current.
- When using the 12 V standby power supply, it can be used only when the cover is opened and the vehicle power supply is in the "OK" position.



CAUTION

- In order to prevent the fuse from blowing, the power consumption must not exceed the total load of the vehicle 12V/120 W.
- To prevent the low voltage battery from running out of charge, do not use the 12 V standby power for extended periods of time when the drive motor is not running.
- 12V Auxiliary Power12V Auxiliary Power Do not insert any object other than a suitable plug into the 12 V standby power supply or allow any liquid to enter the socket, as this may cause electrical failure.

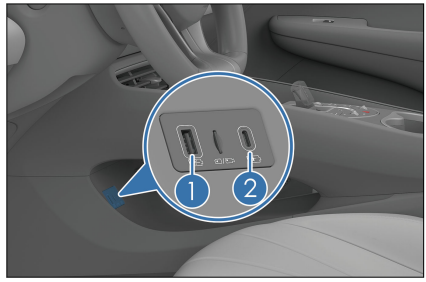
USB charge port

Rear Row USB Ports

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

① Type-A interface

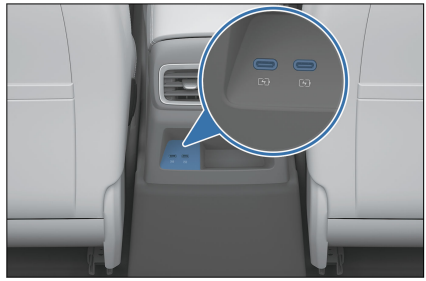
② Type-C interface



Rear Row USB Ports

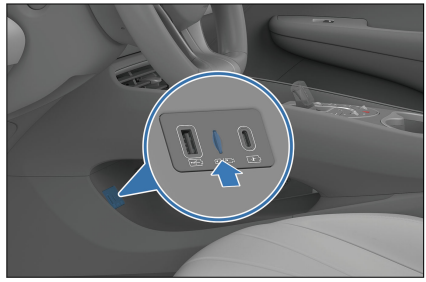
- The rear USB port is located behind the central armrest box.

It can be used only when the power gear of the vehicle is in the "OK" gear.



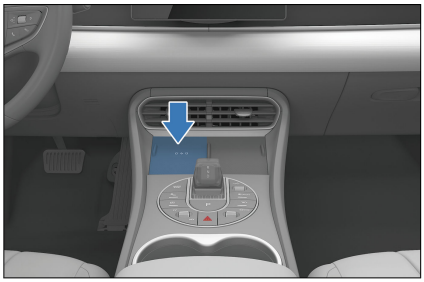
SD Card Slot*

- An SD card slot is arranged at the hollowed-out part below the auxiliary dashboard in the direction close to the main driver's side.



Wireless Phone Charging

- The mobile phone wireless charging area is located in the front of the auxiliary instrument panel. When the power gear of the vehicle is in the "ON/OK" gear, place the mobile phone on the anti-skid rubber pad in the wireless charging area, with the mobile phone screen facing upward, and the mobile phone automatically enters the wireless charging, accompanied by the multimedia UI interface charging icon display.



- The user can slide down the status bar at the top of the multimedia to open the "Convenient" interface to light up the mobile phone wireless charging setting icon, and the function is turned on; click this setting icon again, and the wireless charging function is turned off.
- After starting the vehicle, put the phone in the wireless charger area with the phone screen facing up. The phone automatically begins wireless charging, and a charging icon is displayed on the infotainment screen.
- Wireless phone charging uses a coil to transmit electrical energy to a phone battery through electromagnetic wave induction so that the phone can be charged without a cable connection.

CAUTION

- During wireless charging, ensure that the intelligent key is more than 25cm away from the charging area.
- 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.
- If a metal object is found between the phone and the suede during wireless charging of the phone, do not remove the object by hand immediately to avoid scalding.
- In order to achieve better charging effect, the center of the mobile phone coil must be aligned with the center of the wireless charger (charging area character position), otherwise it may not be able to charge.

CAUTION

- Do not spill the liquid on the charging area to prevent the liquid from entering the wireless charger through the cooling air outlet and causing the charger to malfunction.
- 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.
- The wireless phone charging system can charge Qi-certified phones, and non-Qi-certified phones are not guaranteed for normal charging.
- To avoid burning cards with chips, such as bank cards, do not place them between the phone case and the phone during charging.

REMINDER

- 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.
- Try to ensure that the mobile phone placement surface is parallel to the charging module. If the smartphone deviates from the wireless charging area and stops charging, move the smartphone back to the wireless charging area.

REMINDER

- 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.
- If the mobile phone is still charging after the power withdrawal, the meter will ring and the words "Don't forget the mobile phone" will display for 5s after you open the left front door.

06 MAINTENANCE

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Maintenance Information

Maintenance Cycle and Items

Vehicle 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 systems such as cooling, heating, and braking systems) must 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.
  - Frequent stopping and starting or low-speed long-distance driving conditions.The examples include police cars, taxis, or vehicles carrying goods.

Maintenance Schedule

Vehicle Maintenance

The basic maintenance of the vehicle is carried out in accordance with the following maintenance time and maintenance mileage (total mileage), whichever comes first.

Maintenance Item	Time and mileage interval for maintenance
Check whether the cooling water pipe is intact and tightly locked at the connecting parts	Check it every 12 months or 15,000 km
Check brake pads and discs	Every 24 months or 30,000 km

Maintenance Item	Time and mileage interval for maintenance
Check brake system pipeline and hoses	Every 24 months or 30,000 km
Check steering wheel and lever	Every 24 months or 30,000 km
Check drive shaft dust cover	Every 24 months or 30,000 km
Check ball pin and dust cover	Every 24 months or 30,000 km
Check front and rear suspension	Every 24 months or 30,000 km
Tire wear (check front and rear wheel alignment when tire uneven wear is greater than 2 mm)	Check during maintenance, and carry out tire transposition if necessary; In bad working conditions, increase the frequency of inspection, and carry out tire transposition if necessary
Check the coolant level in the expansion tank	Every 24 months or 30,000 km
Check brake fluid	Every 24 months or 30,000 km
Check whether the power battery tray, anti-collision bar, guard plate and explosion-proof valve are bumped and deformed, and whether the power assembly leaks	Every 24 months or 30,000 km
Check the A/C strainer and filter	Every 24 months or 30,000 km. In case of severe environment or reduced air outlet, it is recommended to check in time and replace the air conditioning filter screen if necessary
Check exhaust pipe joint for air leakage	Every 24 months or 30,000 km
Check fuel filler cap, fuel pipe and connector	Every 24 months or 30,000 km
Check charcoal canister	Check them every 12 months or 10,000 km.
Replacing A/C coolant*	Replace the long-acting organic acid coolant every 6 years or 90,000 km
Replace engine coolant and drive motor coolant(turbocharged engine)	Replace the long-acting organic acid coolant every 6 years or 90,000 km
Replace engine coolant and drive motor coolant (naturally aspirated engine)	Replace the long-acting organic acid coolant every 6 years or 90,000 km
Replace brake fluid	Check during maintenance and replace every 2 years or 30,000 km

Maintenance Item	Time and mileage interval for maintenance
Replace EHS special gear oil	Check the EHS gear oil quantity during maintenance, and replace the oil and filter element assembly every 4 years or 60,000 km
Replace the gear oil in the transmission, front-drive reducer oil and rear-drive transmission oil*	Replace oil every 4 years or 60,000 km
Replace the transmission filter element	Replace the filter(press filter) element every 4 years or 60,000 km
Replace oil and oil filter (turbocharged engine)	Replace every 12 months or 15000 km
Replace engine oil and oil filter (naturally aspirated engine)	Replace every 12 months or 15000 km
Spark plug	Replace every 45,000 km
Fuel filter (non-integrated)	Every 24 months or 30,000 km
Replace air filter element	Replace every 24 months or 15,000 km thereafter; conduct additional inspection under severe service conditions, and replace if necessary
Replace charcoal canister dust filter (DMTL*)	Every 2 years or 30,000 km, or upon frequent automatic fuel gun stopping during refueling.

REMINDER

- 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 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

REMINDER

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.

- For accidents vehicles or vehicles with abnormal suspension, it is necessary to check whether the battery pack high-voltage wiring harness connector is loose, and the after-sales department sends a technical notice to the

REMINDER

BYD authorized dealer or service provider.

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.

Paint 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.

Exterior 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.
- 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 Wash

Some types of brushes, unfiltered water, or machine-defined rinse procedures in automatic car wash stations may scratch or damage the paint surface. The scratches reduce the durability and glossiness of the paint surface, especially for dark-colored vehicles. Before washing the vehicle, consulting the staff of the vehicle wash station for the safest wash procedure for the paint surface is a better choice.

Interior Cleaning

REMINDER

- When cleaning the interior or exterior of the vehicle, do not allow water to flow onto the floor and dashboard, as water entering nearby electrical components may cause malfunction.

Carpets

- Clean carpets with a high-quality foam detergent.
- Firstly, use a vacuum cleaner to clean the dust as much as possible. There are several types of foam detergents that can be used. Some are filled in spray cans, and others are in powder or liquid forms, producing foam by mixing with water. Clean carpets with foam-soaked sponges or brushes and scrub them in circular motions.
- Do not use plain water only, and keep the carpets as dry as possible.

Seat Belts

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

CAUTION

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

Doors and Windows

- Doors and windows can be cleaned with common household detergents.
- Gently wipe the inner side of the rear windshield along the left and right directions. Excessive force or wiping up and down may damage the heating wires of the rear defroster and antenna conductor.
- Check the door brake regularly. If obvious dust accumulation is found on the brake rod, wipe it with a wet soft cloth to remove dust on the surface, 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 substances. Clear any splashed liquid quickly.

Interior Leather Trimmings

- 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.
- In hot weather, avoid placing vinyl or waxy items on the trimmings, as these may stick to leather in high temperatures.
- Improper cleaning of leather trimmings may cause discoloration or spots.

Self-Maintenance

Self-Maintenance

Self-Maintenance Precautions

- If you want to carry out maintenance by yourself, make sure to correctly follow the steps specified in this chapter.
- It should be noted that incorrect and incomplete maintenance will affect the driving experience.
- This chapter only lists the instructions for some simple maintenance operations that the user can carry out.

However, there are still many items that must be completed by qualified technicians with special tools.

- Special care must be taken during vehicle maintenance to prevent accidental injury. The following precautions must be observed.

CAUTION

- Beware of short circuits, as some circuits and vehicle components carry high current or voltage.
- If coolant overflows, wipe it with a dry cloth or tissue to prevent damage to components or vehicle paint and add coolant in time.
- Only specialized spark plug can be used. The use of other spark plug may result in engine performance loss or damage, or radio interference to other electric products.
- Do not reuse the spark plug by cleaning or adjusting the spark plug gap.
- If brake fluid overflows, rinse it with water to prevent damage to components or vehicle paint.
- 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 engine cover, check whether any tool or wipe cloth is left in the engine compartment.
- When the engine is running, keep hands, clothes and tools at a certain distance from the rotating fan. It is recommanded that take off the watch, ring, or tie.

CAUTION

- Just after driving, the temperature of engine, radiator, exhaust manifold, spark plug cover, oil and other fluids is very high. Be careful not to touch them.
- If the engine is very hot, do not remove or loosen the expansion tank cover to prevent burns.
- Do not smoke in or near the vehicle to avoid sparks or open flames that may cause fire.
- Ensure the vehicle is flameout when working around the electric fan or radiator grill. If the engine coolant is hot or the A/C System is on with the vehicle powered on, the electric fan may automatically start.
- When working inside or under the vehicle, always wear goggles to protect your eyes against flying or falling objects or splashing liquid.
- As brake fluid may damage the skin or eyes, be careful when filling it. If your skin or eyes are exposed to brake fluid, immediately flush with clean water. Seek medical attention immediately if discomfort persists.

Checks

The following items should be checked according to 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 operates freely and check whether the brake light switch limit pad is aged and damaged.
- EPB switch - check whether the switch functions well.
- Low-voltage battery - Check battery conditions and check for terminal corrosion monthly.
- A/C system - check the operation of 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 defrosters: Check the defroster vent monthly.
- Lights: Check the condition of headlights, position lights, tail lights, high mount brake light, turn signals, rear fog lights, brake lights and license plate light monthly.
- Doors - check whether the trunk lid and doors can be opened and closed normally and locked firmly.
- Horn - check whether the horn functions normally.

REMINDER

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

REMINDER

this may result in serious vehicle damage and personal injury.

Drive belt

Check the condition of the drive belt for cracks or wear on the edges of the drive belt, which must be tested at the time and mileage recommended on the maintenance schedule.

Lights

Headlight Adjustment

- Headlights of new vehicles are aligned before their delivery. If the vehicle often carries a large load, headlights may need to be re-aligned. It is recommended that headlights be aligned by a BYD-authorized dealer or service provider.

Fogging of Lights

- After heavy rain or cleaning, fog may appear on the covers of combination lights, tail lights, or turn signals in side mirrors. This is similar to the condensation phenomenon of the windows on one side of the vehicle during rain, which does not indicate that your vehicle is faulty.
- The lights are a relatively enclosed and narrow space. The temperature is very high when they light up (the mask and reflector could be burned and deformed easily), so they need heat dissipation. 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 lights. Due to the influence of sun

exposure, convection, bulb heating, and other factors, the water vapor in the air is easy to condense into fog or water droplets on light surfaces with low temperatures. That is why the fog on light covers forms.

REMINDER

- If fog presents inside the headlight and inside the turn signal on the side mirror, it may be due to high air humidity or significant temperature difference between the vehicle and its surroundings. In that case, turn on the headlight or turn signal while driving. The fog will evaporate after a short period of driving.
- If there is a noticeable amount of water inside the lights, it is recommended to drive the vehicle to a BYD authorized dealer or service provider for maintenance.

Sunroof Maintenance

- 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.
- 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;
- 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.
- 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.
- 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;
- 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.
- 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 a month), the following preparations should 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.
- Refuel in time.
- Clean and dry the vehicle body thoroughly.
- Clean the interior of the vehicle to ensure that the carpet and other trimmings are completely dry.
- Engage the parking brake. Shift the gear to P gear.
- Open one window slightly (if the vehicle is stored indoors).

- Disconnect the negative terminal of the low-voltage battery.
- Pad the front wiper arm with a folded towel or cloth 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 cloth accumulate moisture and damage the body surface paint.
- If possible, start the vehicle regularly (preferably once every month). If the vehicle has been parked for a year or more, go to a BYD authorized dealer or service provider for comprehensive maintenance.

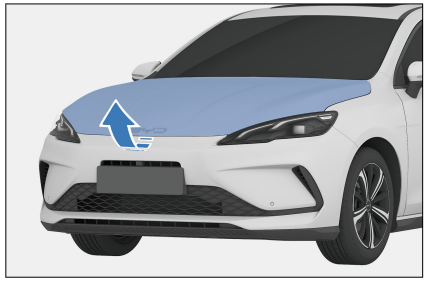
Hood

Opening the hood

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



2. To open the hood: Lift the front hatch cover up,



Closing the hood

3. To close the hood: When closing the front hatch cover, lower it to a height of about 30cm above the front grille and let go of both hands to let it fall freely for locking.



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

REMINDER

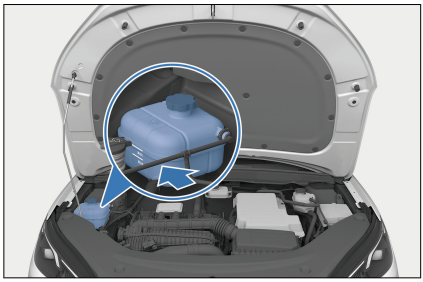
- Ensure that the hood is closed and locked firmly. Otherwise, the hood may suddenly open during driving, resulting in an accident.
- When locking the hood, do not lower the front compartment hood with force, and do not allow the hood to fall freely when it is in a wide opening position.

Coolant System

Coolant selection

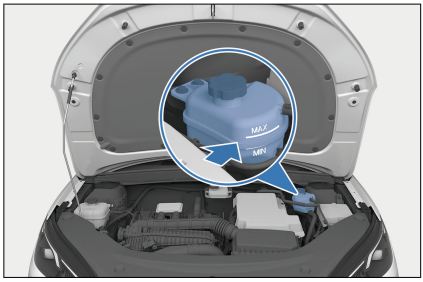
Engine coolant auxiliary tank

- If the coolant level in the coolant secondary tank is between the "MAX" and "MIN" marking lines, the requirement is met.



Auxiliary wat tank for coolant of Motor controller battery

- If the coolant level in the coolant secondary tank is between the "MAX" and "MIN" marking lines, the requirement is met.



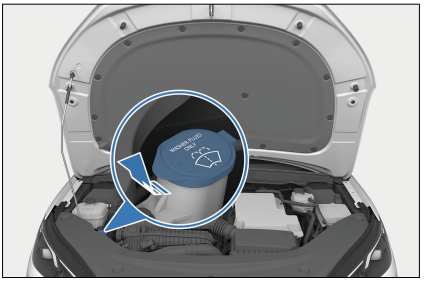
- If below the lower scale mark, add coolant to raise the level to the upper (MAX) scale mark. Check the cooling system for leaks.
- Always use the coolant with specifications same as the original manufacturer's product. No admixture is required. Different brands and types of refrigerant should not be mixed.

REMINDER

- Never add any rust inhibitor or other additives to the cooling system. The additives may be incompatible with coolant or motor components.
- Before opening the cover of the auxiliary water tank, it is necessary to confirm that the motor, the high-voltage electronic control integrated module, the auxiliary water tank and the radiator have been cooled.
- 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 scrubber is used frequently, check the fluid level in the scrubber reservoir each time the vehicle is stopped for charging.
- High quality windshield washer fluid should be added to improve stain removal and prevent freezing in cold weather.



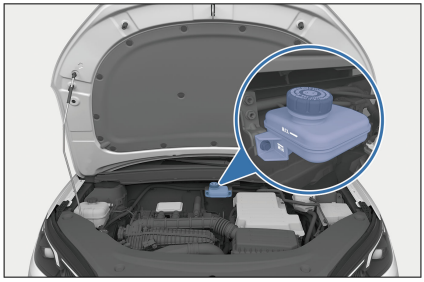
- When you add washer fluid to the fluid reservoir again, use a piece of clean cloth dipped with windshield washer fluid to clean the windshield wiper blade, which helps keep the blade edge in good condition.

CAUTION

- Do not inject vinegar-water solution into the windshield washer fluid reservoir.
- It is recommended to use certified windshield washing fluid.

Braking System

- The liquid level in the reservoir shall be checked monthly and the brake fluid shall be replaced according to the travel time and mileage specified in the periodic maintenance table.
- Be sure to use the same specifications of brake fluid as the original manufacturer. And different types of brake fluid cannot be mixed.
- It is required that the level in the fluid tank should be between "MAX" (maximum level) and "MIN" (minimum level) marks.



- If the level is below the MIN mark, check if the braking system leaks and the brake friction blocks are worn.

Engine Maintenance

- If the engine do not be started for a long time, the canister may be in saturation. The canister desorption should be regularly completed to avoid the risk of fuel leakage.
- If the vehicle runs in EV mode for a long time, the engine may be automatically started by itself till the load of canister turns to be normal.

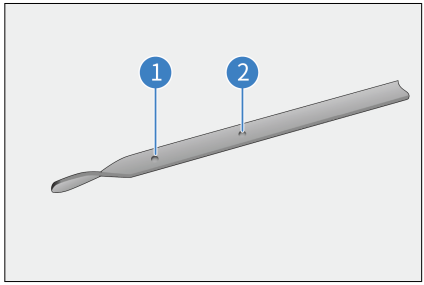
Engine Oil

- The main function of the oil is to lubricate and cool the inside of the engine, and it plays a major role in maintaining the engine in proper working condition.

Check Engine Oil

- Check oil dipstick

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. Open the front compartment cover after shutdown for 10 min, and then pull out the oil dipstick, observe the right height and oil condition, and check whether it 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.

Instructions for 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. The OK lamp on the instrument is on, the working mode is EV, the running mode is ECO, the engine is not running, and the gear is manually switched to "N";
  2. 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.

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.
  - In cold months, turn the A/C on once a week for at least 10 minutes to circulate the lubricating oil in the refrigerant unit.
- If A/C efficiency decreases, go to a BYD authorized dealer or service provider for maintenance.

CAUTION

- The system recovers the refrigerant for reuse. Whenever the air conditioning system is serviced, it should be required to ensure that the refrigerant recirculation system is used, and the release of refrigerant into the atmosphere will pollute the environment.
- If the refrigerant needs to be filled, the refrigerant recovery and filling machine must be used for recovery and filling, and the refrigerant oil and refrigerant meeting the specification requirements shall be used, otherwise the air conditioning system may be damaged;
- Refrigerant oil type: POE;
- Refrigerant type: R1234yf.

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. After washing the car, the wiper blade should be rinsed with pure water, and the wax layer on the windshield glass should be removed with a special glass wax layer cleaner.
- 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).
- It is recommended to wipe the wiper regularly (once every one to two days). When using a blade to wipe the windshield, keep the windshield fully wet. (When there is no rain, the washer liquid must be sprayed in advance).
- Clean the windshield with 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. The specific operation method is as follows:

  1. Enter the multimedia vehicle maintenance information interface, open the front wiper maintenance, and the wiper rotates out.
  2. Grasp the upper end of the wiper arm and carefully lift the wiper arm and wiper blade assembly.

Tire

- 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 energy 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.

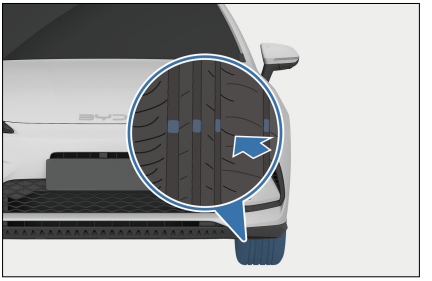
- In a cold state (the vehicle is equipped with a tire pressure monitoring device), whether to inflate the tires depends on the tire pressure values displayed on the instrument cluster.
- Measure the tire pressures when the tires are cold. This means the measurement should be carried out at least three 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.
- It is normal that tire pressure reading measured while tires are hot (after travel of several kilometers) is 30-40 kPa (0.3~0.4 bar) higher than when tires are cold. In that case, do not deflate tires in order to achieve the specified cold tire pressure reading; otherwise, the tire pressure will be insufficient.

REMINDER

- Recommended Tire Pressure (located on the driver's side door frame) The label plate indicates the recommended cold tire pressure.
- Tubeless tires can self-seal punctures. However, as leakage is usually very slow, the leaks should be carefully identified as soon as the tire begins to depressurize.

Tire Checks

- Whenever checking tire inflation, check tires for damage, foreign body piercing and wear.
  - Replace the tire if bumps, or tread or side damage are found. Tires should be replaced if any of the case happens.
  - Replace the tire if there are cracks on its side, or if its fabric or cord can be seen.
  - Replace tires with excessive tread wear.
- Tire treads are cast with wear bars. When the tread is even with the wear bar, its thickness is less than 1.6 mm. The adhesion of tires worn to this extent is very small on wet roads.



- Replace the tire if the tread is worn to the extent that the wear mark is exposed, in which case the tire performance is greatly lost.

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 tires of a vehicle has been balanced in the factory, but tires need to be re-balanced after driving for a period of time.
- If there is some kind of continuous vibration while driving at high speeds

(above 80 km/h), but not at low speeds, go to a BYD authorized dealer or service provider and check the tires.

- Be sure to balance the tire again after it is repaired.
- When installing a new tire or replacing a new wheel, always perform tire balancing.

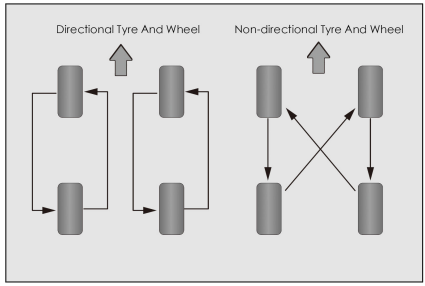
WARNING

- Improper wheel balancers will get stuck, become loose and fall off. While driving, this will damage the car or surrounding objects.
- Improper wheel balancers will damage the aluminum rims of the vehicle. Therefore, it is recommended to use original wheel balancers.

Tire Rotation

In order to make tire wear the same and prolong the service life of tires, it is recommended to check the wear on the inside and outside of the tire every 10,000 km and perform tire rotation regularly, 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 illustration.



- After tire replacement, go to a BYD authorized dealer or service provider for tire pressure matching.

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.
- Do not replace only one tire; otherwise it will severely affect the maneuverability of the vehicle.
- ABS works by comparing wheel speed. When replacing a tire, use a tire of the same size as the original tire.

The size and structure of the tire can affect wheel speed and may lead to uncoordinated system operation.

- If the wheels need to be replaced, make sure that the specifications of the new wheels are consistent with those of the original ones. New wheels can be purchased from a BYD authorized dealer or service provider. Before replacing wheels, consult a BYD authorized dealer or service provider.

REMINDER

Please observe the following precautions to ensure proper vehicle performance and control.

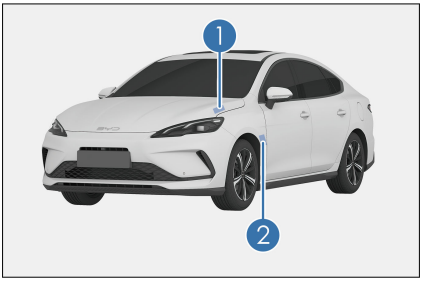
- Do not mix radial tires, bias belted tires, or diagonal ply tires on the vehicle.
- Do not use tires with dimensions other than those recommended by the manufacturer.

Fuses

All circuits on the vehicle are equipped with fuses to prevent short circuits or overloads. These fuses are installed in the distribution box, which are the front compartment distribution box, the instrument panel distribution box and the rear compartment distribution box. Fuse stickers are attached to the front cabin distribution box and dashboard distribution box. The labeling makes it possible to determine the correspondence between fuses and electrical components.

① Front compartment fuse box

② Dashboard PDB

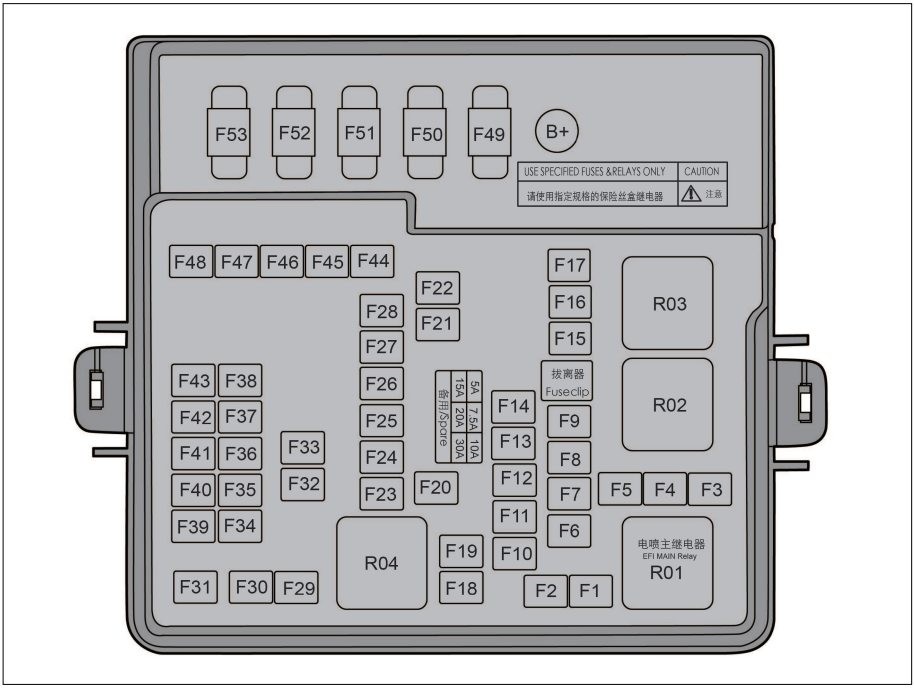


- The Under-Hood PDB is located on the left side of the front compartment. Open the front compartment cover and front compartment cover plate, find the front compartment power distribution box, and press the latch on the upper cover to open it.
- Dashboard PDB is located on the left side of the instrument panel. First remove the left end plate of the instrument panel, and then remove the lower fender shield of the dashboard to repair the fuse of the dashboard.
- 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.

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.
- After the fuse is blown, it is recommended to check or replace it at a BYD authorized dealer or service provider.

Under-Hood PDB Nameplate

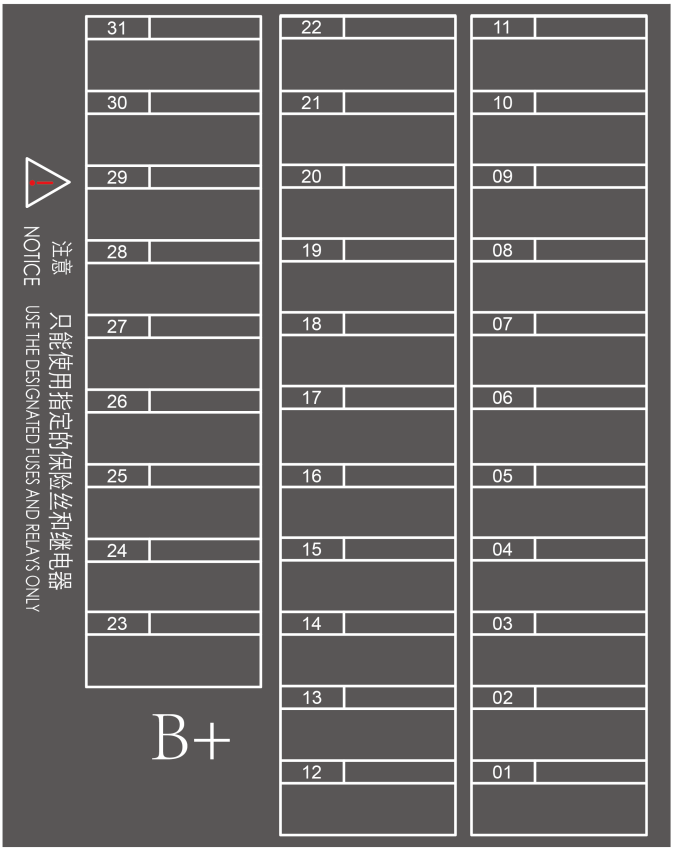


No.	Ampere (A)	Protected Component or Circuit
F1	40	Electronic fuel injection system
F2	-	-
F3	10	Fuel injector
F4	30	Engine ECU
F5	20	Ignition coil
F6	15	Ignition coil
F7	10	Oxygen sensor
F8	-	-
F9	5	Engine ECU
F10	-	-

No.	Ampere (A)	Protected Component or Circuit
F11	-	-
F12	7.5	Compressor
F13	10	Motor controller
F14	-	-
F15	-	-
F16	-	-
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	-	-
F27	15	Auxiliary power
F28	10	USB
F29	-	-
F30	60	ESC
F31	-	-
F32	-	-
F33	5	BMS
F34	-	-
F35	5	Rear body controller
F36	7.5	Engine ECU

No.	Ampere (A)	Protected Component or Circuit
F37	7.5	ETC
F38	10	SRS
F39	5	ADAS
F40	-	-
F41	5	EPS
F42	5	ESC
F43	-	-
F44	60	ESC
F45	40	Blower
F46	10	USB assembly
F47	-	-
F48	-	-
F49	-	-
F50	70	CEPS
F51	80	Electronic fan
F52	60	Engine Water Pump
F53	-	-

Dashboard PDB Nameplate



No.	Ampere (A)	Protected Component or Circuit
01	-	-
02	-	-
03	5	Instrument Cluster
04	10	Diagnostic port
05	5	On-board charger
06	5	High-frequency receiving module

No.	Ampere (A)	Protected Component or Circuit
07	5	Gearshift panel
08	20	Multimedia System
09	7.5	Wireless charger
10	5	Brake light switch
11	7.5	Combination switch
12	-	-
13	-	-
14	15	External power amplifier
15	10	Alcohol interlock
16	7.5	ECALL
17	5	Vehicle control unit
18	7.5	ADAS
19	30	Rear body controller
20	30	Rear body controller
21	30	Left front electric seat
22	30	Right front electric seat
23	-	-
24	-	-
25	-	-
26	-	-
27	-	-
28	-	-
29	-	-
30	-	-
31	-	-

REMINDER

- When the vehicle configuration is different, the ampere value used by some fuses (such as multimedia) is different, and the real object shall prevail when repairing and replacing.

07 WHEN FAULTS OCCUR

When Faults Occur.....186

When Faults Occur

Reflective vest

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

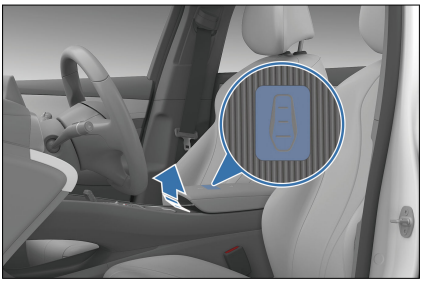
If Smart Key Battery Is Exhausted

If the electronic intelligent key indicator does not flash, and the vehicle cannot be started with the start function, the battery may be exhausted. Contact a BYD authorized dealer or service provider for battery replacement as soon as possible. In this case, the vehicle can be started in the power-off mode.

CAUTION

- Do not place the smart key in a position exposed to high temperature.
- Do not hit or slam the key with hard objects.
- Keep the key away from magnetic fields.
- After locking the vehicle and arming its anti-theft alarm system, keep the key away from the vehicle if you do not use the vehicle; otherwise the automatic card finding of the vehicle will consume the low-voltage battery.

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 speaker.
3. Press the electronic smart key close to the power-off mode identification within 30s after the speaker sounds, and the speaker will sound again. At this time, the warning light of the smart key system will go out, and the vehicle can be started.



- The power-off mode indicator is located in the front of the center armrest storage box.

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

Simple Checks

Before the inspection, make sure that the vehicle is started according to the correct starting procedure (refer to ***P98*** 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 cause may be engine oil spillage due to repeated starts.
3. If the engine still cannot be started, adjustment or repair is required. Contact a BYD authorized dealer or service provider immediately.

If the Engine Flameout while 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.
- Try to restart the engine.
- 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.

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 coolant is spraying from the auxiliary tank, stop the engine and open the hood after the steam disappears 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.

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 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

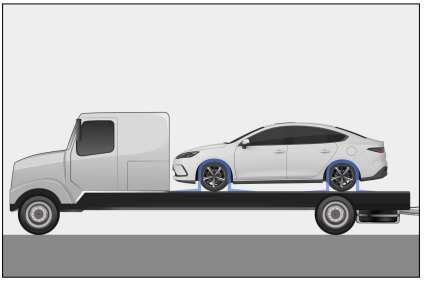
If the vehicle needs to be towed, it is recommended to contact a BYD authorized dealer or service provider or a professional towing service provider, or ask for assistance from the organization that provides roadside assistance.

WARNING

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

Common towing methods include:

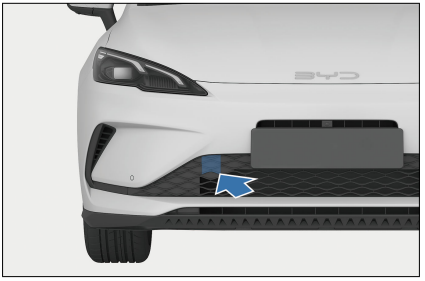
- Flatbed device
  - When a vehicle breaks down and needs to be towed, a flatbed truck is the best option. The front and rear wheels must be off the ground when the vehicle is being towed, otherwise high-voltage components will be damaged.



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 towing hook can be used. Otherwise, your vehicle will be damaged. Do not tow the vehicle from the rear with four wheels staying on the ground, to avoid damage to the vehicle.

- If the vehicle is stuck and underpinning accident, please contact professional rescue or call the customer service hotline.
- In an emergency, when the vehicle is rescued or the towing hook is needed to rescue other trapped vehicles, please follow the following precautions to avoid vehicle damage or personal injury.
  - The driver of the towed vehicle must sit in the vehicle to control the vehicle, and the steering system and braking system of the vehicle must be in normal condition;
  - The vehicle being towed shall not carry persons except the driver, and shall not tow the trailer;
  - The towed vehicle is in "N" gear;
  - The width and weight of the tractor to be pulled shall not be greater than the width and weight of the vehicle;
  - The distance between the tractor and the tractor should be greater than 4m and less than 10m;
  - Both the tractor and the tractor to be pulled should turn on the emergency warning light;
  - The towing vehicle is in good condition, and the towing speed shall not exceed 5Km/h;
  - When towing the vehicle, the tractor should first straighten the traction rope (bar) slowly, and then continue to increase the force to avoid accelerating the start of towing;
  - When towing the vehicle, it should be ensured that the surrounding area is spacious and unobstructed, and no person is near the towing device;
  - When the vehicle is untrapped, the direction of the vehicle is controlled to be consistent with the direction of the towing force, and it is forbidden to drag from the side or vertical angle;
  - Only the in-vehicle tow eye can be used and use it correctly.

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.
- Please stop the vehicle according to the following operations:

1. Step on the brake pedal to stop the vehicle steadily, and then press the "P" gear button to switch the gear to "P" gear, and the instrument "P" gear indicator lights up.
2. Observe whether "Electronic parking has been started" appears on the instrument panel. If not, try to pull up the EPB manually.
3. START/STOP Button

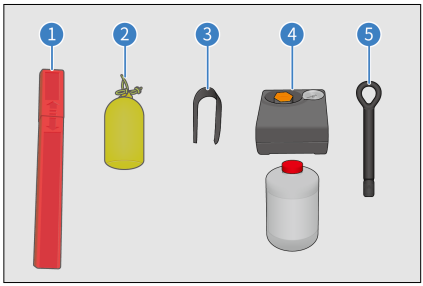
- Power off the vehicle and turn on the hazard warning light.
- Be sure to have all passengers get off the vehicle and ask them to go to a safe place away from crowded traffic.
- To prevent slipping, secure the vehicle by wedging the tire diagonally against the flat tire.

CAUTION

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

In-Vehicle Tools

- These tools are stored in a tool box under the trunk cover flap. These tools include warning triangle, tow eye, removal clamp for lug nut cover and tire repair kit.



REMINDER

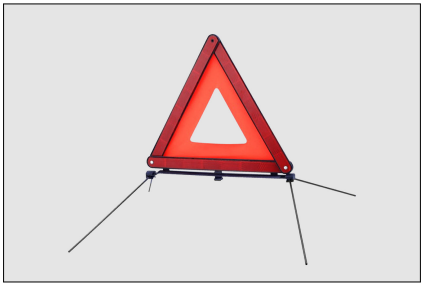
- When parking the vehicle for maintenance on the public road, please remember to place the red side of the triangle warning board facing the direction of the rear vehicle at 100-200m behind the lane where the breakdown vehicle is located to warn the rear vehicle to avoid danger. After the repair, recover the warning triangle for future use.

Placing the warning triangle

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 repair kit is only suitable for minor damages of tires. If a wheel is damaged, tyre puncture sealant kit is prohibited.
- Tire sealant is highly flammable and harmful to health. Take 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:

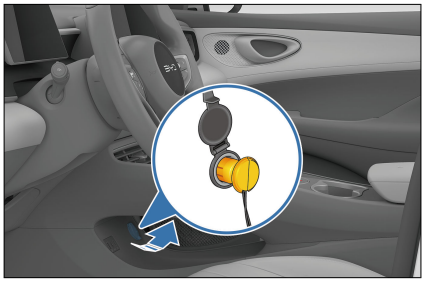
- If tire sealant comes into contact with the skin or gets into the eyes, thoroughly flush the affected body part immediately with plenty of clean water.
- Change contaminated clothing immediately.
- In case of an allergic reaction, seek medical attention immediately.

WARNING

- 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

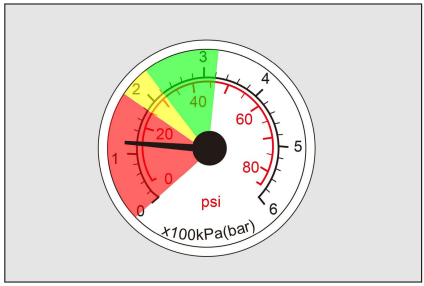
- Please refer to the labels on the inflator and the tire repair fluid bottle for the detailed usage of the tire repair device.
- If the inflator needs to be connected to a power source, plug the inflator into the vehicle' s 12V socket, start the vehicle, and switch on the inflator. The tire sealant is then filled through the inflator hose into the tire along with air.



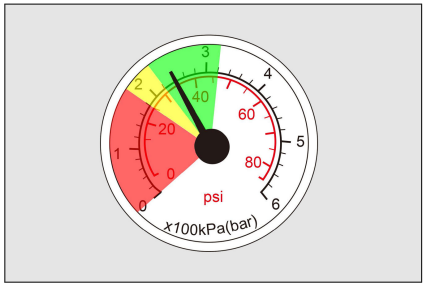
REMINDER

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

- Observe the tire pressure gauge reading on the inflator.
  - If the tire pressure does not reach 180kPa 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 180~320kPa (green and yellow areas shown in the illustration), remove the kit as soon as possible and drive at a speed below 80 km/h within one minute, with the furthest driving distance not exceeding 10 km, so that the tire sealant is evenly distributed within the tire.



- Stop and check the repaired tire, and observe again the tire pressure gauge reading on the inflator.
  - If the tire pressure is greater than 220 kPa, drive to the nearest service center at a speed below 80 km/h.
  - If the tire pressure is between 200 to 130~220kPa, inject the tire sealant into the tire and observe the tire pressure readings on the inflator.
  - If the tire pressure does not reach 130 kPa, contact a BYD authorized dealer or service provider.

REMINDER

- Using tire repair device on damaged tires is only an emergency solution. Please change the tires at a professional repair center as soon as possible. It is recommended that you contact a BYD authorized dealer or service provider and inform the maintenance technician that the tires contain tire sealant.
- 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. 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

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Data

Vehicle Data

Vehicle Dimensions

Item	Data	
Product model	HA6HBU(05)	HA6HBU(10)
Length (mm)	4795	4795
Width (mm)	1837	1837
Height (mm)	1515	1515
Wheelbase (mm)	2718	2718
Front track (mm)	1580	1580
Rear track (mm)	1590	1590
Front overhang (mm)	1000	1000
Rear overhang (mm)	1077	1077
Approach angle (°)	13	13
Departure angle (°)	16	16

Vehicle Mass

Item	Data	
Product model	HA6HBU(05)	HA6HBU(10)
Curb weight (kg)	1635	1635
Curb weight - front axle load (kg)	984	984
Curb weight - rear axle load (kg)	651	651
Max. allowable total mass (kg)	2045	2045
Front axle load at max. allowable total mass (kg)	1098	1098
Rear axle load at max. allowable total mass (kg)	947	947

Item	Data
Number of occupants (persons)	5

Engine Data

Items	Data	
Product model	HA6HBU(05)	HA6HBU(10)
Engine Model	BYD472QA	BYD472QA
Engine Type	Spark ignition	Spark ignition
Displacement (mL)	1498	1498
Rated power of engine(kW/rpm)	74/6000	74/6000
Maximum net engine power(kW/rpm)	70/6000	70/6000
Max. net torque(N · m/rpm)	122/4500	122/4500
Emission standard	European emission standard	European emission standard

High-Voltage Battery

Item	Parameters
High-voltage battery type	Lithium iron phosphate battery
High-voltage battery rated capacity (Ah)	54

Drive Motor

Item	Data	
Product model	HA6HBU(05)	HA6HBU(10)
Drive Motor Model	TZ210XYB	TZ210XYB
Type	Permanent magnet synchronous motor	Permanent magnet synchronous motor
Drive type	Front wheel drive	Front wheel drive
Rated power/revolving speed/torque (kW/RPM/N · m)	55/5000/105	55/5000/105

Item	Data	
Peak power/revolving speed/torque (kW/rpm/ N · m)	120/18000/210	120/18000/210

Vehicle Power Performance

Item	Parameters
Maximum design speed	180

Vehicle Power Performance

Item	Data	
Product model	HA6HBU(05)	HA6HBU(10)
Fuel consumption (g/km) (WLTC)	1.74	1.11

Wheels and Tires

Item	Data	
Product model	HA6HBU(05)	HA6HBU(10)
Tire specification	215/55R17 94 V	
Maintain proper tire pressure (Mpa).	0.24	
Wheel dynamic balance requirement (g)	<10	

Wheel alignment parameters (under curb weight)

Item	Data	
Product model	HA6HBU(05)	HA6HBU(10)
Front wheel camber (°)	-0.62±0.75	-0.62±0.75
Front toe-in (°)	0± 0.16	0± 0.16
Kingpin inclination angle (°)	12.13±0.75	12.13±0.75
Kingpin caster angle (°)	2.85±0.75	2.85±0.75
Rear wheel camber (°)	-1.35±0.5	-1.35±0.5
Rear wheel toe-in (°)	1.1mm±3mm(0.088± 0.24)	1.1mm±3mm(0.088± 0.24)

Braking system

Item	Data
Free stroke of brake pedal (mm)	1-5
Front brake disc thickness (mm)	26
Rear brake disc thickness (mm)	12
Thickness of front brake pad (mm)	8
Thickness of rear brake pad (mm)	6.5

Seats

Item	Parameters
Forward and backward moving spaces for front seat (cushion depth measured)	240mm forward of the rearmost position of the rail
Seatback angle of front seats (cushion depth measured)	25°
Normal service conditions of front seatbacks	Design position of the backrest: 12° forward and 40° backward; rail: 240mm forward, 240 mm backward of slide rail, the slide rail angle of 4.5°
Forward and backward positions of rear seats (cushion depth measured)	Front and rear non-adjustable, integrated fixed large cushion
Backrest angles of rear seats (cushion depth measured)	27°
Normal service conditions of rear seatbacks	Non-adjustable backrest, 27 °

Fluid

Item	Data
Engine oil model	C5 0W-20
Engine oil filling quantity (L)	(Replace the machine filter) Oil filling 3.3 L
EHS special oil model	EHSF-2LV
Filling Quantity of EHS special oil (L)	3± 0.05
Brake fluid type	HZY6 HYDRAULIC404
Brake fluid amount (ML)	1050

Item	Data
Filling amount of high-temperature kettle of auxiliary water tank assembly II (L) (without filling port marked with L)	Ethylene glycol type anti-rust antifreeze (antifreeze -40 °C)
Filling amount of high-temperature kettle of auxiliary water tank assembly II (L) (without filling port marked with L)	6.1±0.3
Filling amount of low-temperature kettle of auxiliary water tank assembly III (L) (with filling port marked with L)	Ethylene glycol type anti-rust antifreeze (antifreeze -40 °C)
Filling amount of low-temperature kettle of auxiliary water tank assembly III (L) (with filling port marked with L)	4.1±0.3

CAUTION

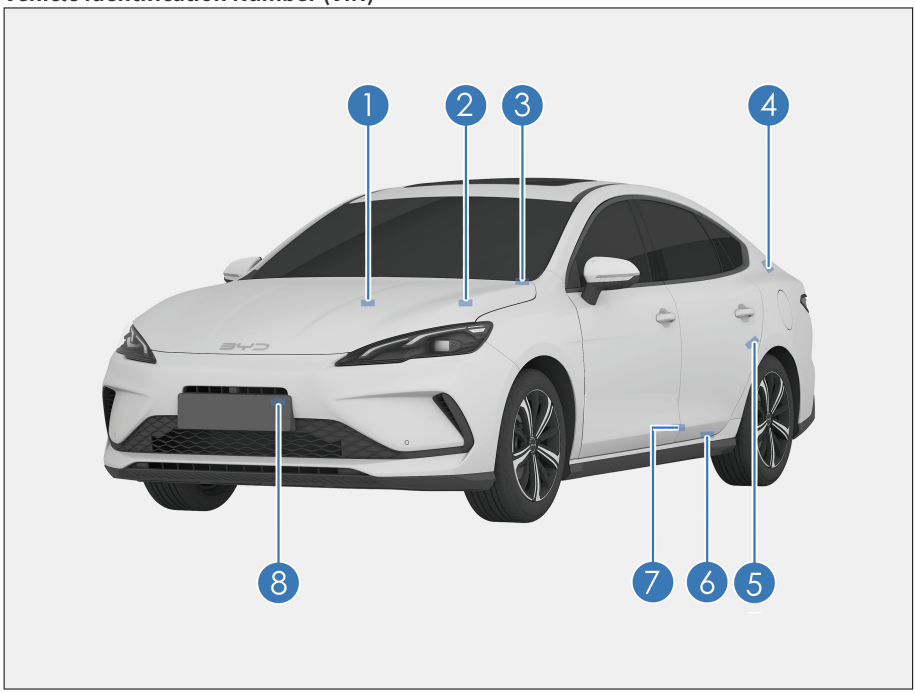
- The recommended oil type has been tested and approved by BYD, and the use of other oil types may affect the performance of the vehicle, or even cause vehicle failure or component damage.

CAUTION

Information

Vehicle Identification

Vehicle Identification Number (VIN)



① Attached to the transmission/motor housing

② Attached on the left part of the hood inner panel.

③ Attached on the sheet metal surface at the lower left corner of the instrument cluster.

④ Paste on the upper edge of the left side of the luggage compartment

⑤ Attached to the fairing surface of the left rear hubcap.

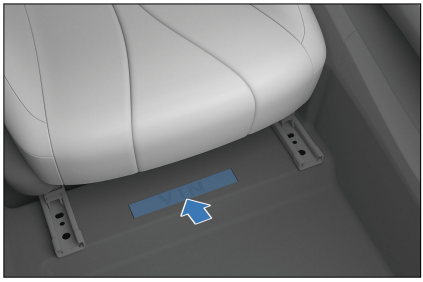
⑥ Pasted inside the left rear door sill.

⑦ Attached tothe bottom left corner of the inner sheet metal surface of front left door.

⑧ attached to left part of the upper surface of the front bumper beam

Engraved under the front passenger seat.

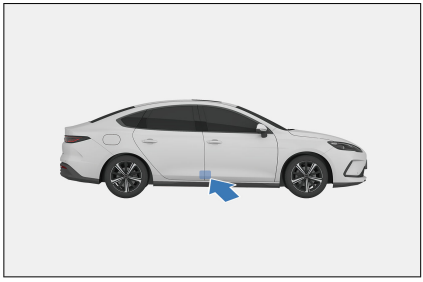
Note: The VIN can be read in the upper right corner of the page for the corresponding model after connecting the VDS. For details, please refer to the VDS operation manual.



Vehicle nameplate

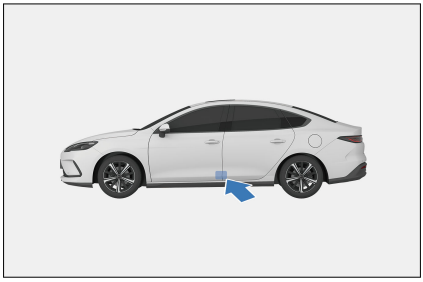
The vehicle nameplate is attached to the side sheet metal surface at the lower end of the right B-pillar, and contains the following information:

- Company Name
- WVTA Certificate No.
- VIN
- Total Mass
- Trailer mass
- Maximum allowable mass of front axle
- Maximum allowable mass of rear axle



Label for Information Pertaining to Agents in the EU

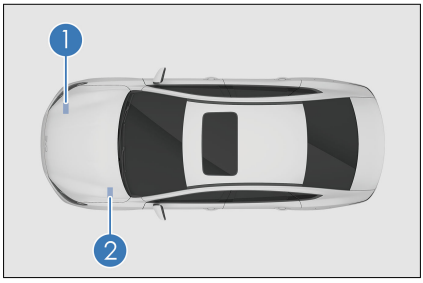
The label for information pertaining to agents in the EU is attached to the side sheet metal surface at the lower end of the left B-pillar.



Model and Serial Number of Drive Motor

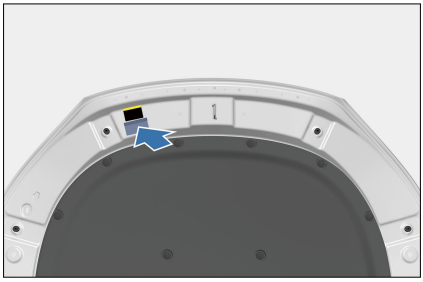
① The model and number of the drive motor are engraved on drive motor housing.

② The model and number of the front drive motor are engraved on the inner panel of the hood.



Warning Labels

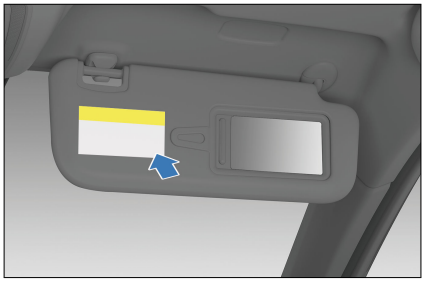
The battery position label is pasted on the left plane of the hood cover.



The side airbag warning labels are pasted on the lower part of left and right B pillars.



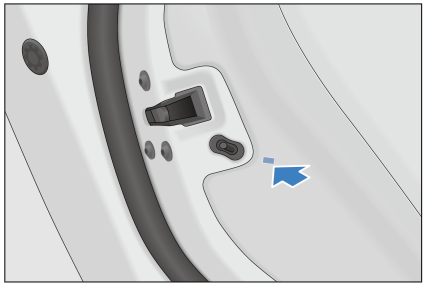
The airbag warning label is printed on the right sun visor.



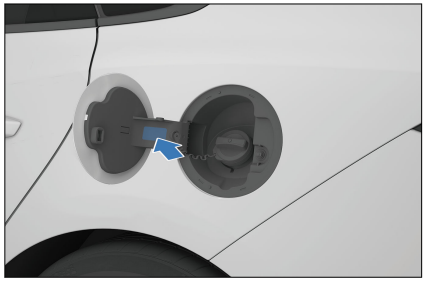
The tire pressure label is pasted on the lower part of the left B pillar.



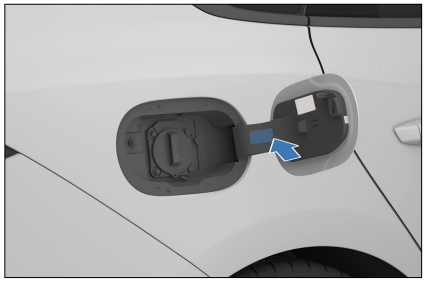
The child protection lock label is engraved on the rear door panel.



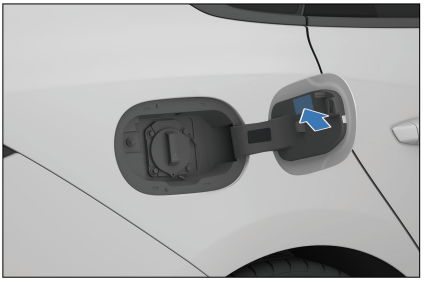
The oil level indicator is horizontally pasted at the internal connection of the oil filler cap.



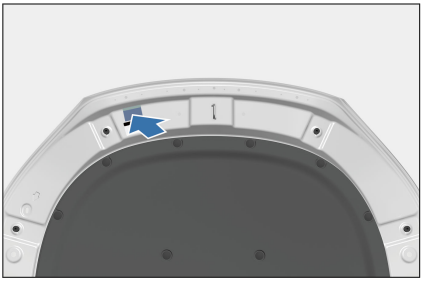
The label showing charging connector removal precautions is attached to the inner surface of the AC charge port door.



The European standard charging port label is pasted above the inside of the charging port cover.



The A/C system label is attached to the left part of the inner hood surface.



Declaration of Conformity

Declaration of Conformity

Radio Frequency

Your vehicle has different types of radio equipment. The manufacturers of the radio equipment declare that the RF Modules are in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following Internet address: https://cn-prod.byd.com/eu/eu-doc.

Component Name	Frequency	Maximum Power
Tire pressure monitoring transmitter module	434MHZ	87dBμV/m±2dB
Interior detection antenna	125KHZ	10W
Electronic smart key	434MHZ	10dbm
High-frequency reception module	434MHZ	0.48W
ECALL GPS antenna	1559MHz~1605MHz	0.05W
ECALL 4G antenna	701MHz～960MHz	0.05W
	1.71GHz～2.69GHz	0.05W

Component Name	Frequency	Maximum Power
NFC device	13.56MHz	1.2W
On-board Bluetooth device	2.402GHz~2.480GHz	8dBm
Wi-Fi hotspot device	2.402GHz~2.482GHz	16dBm
	5.17GHz～5.835GHz	
Network communication four-in-one antenna (4G)	701Mhz～960MHz	/
	1.71GHz～2.69GHz	/
Network communication device (4G)	700MHz~2600MHz	23dBm
FM broadcasting antenna amplifier	76MHz~108MHz	0.24W
FM broadcasting device	76MHz～108MHz	0.8W
DAB antenna amplifier	170MHz~240MHz	0.24W
DAB box	170MHz～240MHz	1.5W
Four-in-one antenna (GPS, 4G, WiFi/BT)	1559 MHz – 1605 MHz (GPS Antenna)	0.03W
	701 MHz – 960 MHz & 1.71 GHz – 2.69 GHz (4G Antenna)	
	2.4 GHz – 2.5 GHz (Wi-Fi/BT Antenna)	
MmWave radars	76~77 GHz	3W
AM antenna amplifier	522KHz~1800KHz	0.6W
AM device	522KHz～1800KHz	0.8W

Smart Key Certification

Uzbekistan

Model: D0-92/D1-92

CE	EU countries Model: D0-92/D1-92
ANATEL 13120-22-14807	Brazil Model: D0-92/D1-92 This equipment is not entitled to protection against harmful interference and may not cause interference to duly authorized systems.
R 214-118832	Japan Model: D0-315/D1-315

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Abbreviation List

Abbreviations

Terminology	Name	Terminology	Name
ELR	Emergency Locking Retractor	ECU	Electronic Control Unit
SPORT	Sport	NORMAL	Normal
EDR	Event Data Recorder	EDR	Event Data Recorder
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	MIN	Minimum
MAX	Maximum	VIN	Vehicle Identification Number

BUILD YOUR DREAMS

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