

Foreword

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

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

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

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

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



REMINDER

Items that must be observed to facilitate maintenance.



CAUTION

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



WARNING

Items that must be observed to ensure personal safety.



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

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

Contact Us

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

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Overview of BYD Dolphin Mini Passenger Vehicles

BYD Dolphin Mini is a new energy, new power and pure electric passenger car, which is an environmentally friendly product created by BYD. The integration of its load-bearing body with the high-voltage battery pack fully ensures the safety of the battery and the entire vehicle.

Since the vehicle is driven by an electric motor in all operating conditions, it is completely zero-emission in terms of environmental protection.

Being purely electric, the vehicle features very low noise inside and outside, providing an exceptional driving and riding experience unmatched by any fuel vehicle.

The safety of the high-voltage system is a priority in the vehicle design so that the driver and passengers are protected in case of a collision.

The battery management unit continually monitors the high-voltage battery and adjusts its output based on the voltage, current, and other performance indicators of each battery cell, preventing issues affecting battery performance such as over-charging, over-discharging and overheating. This ensures that the batteries work under ideal conditions at all times.

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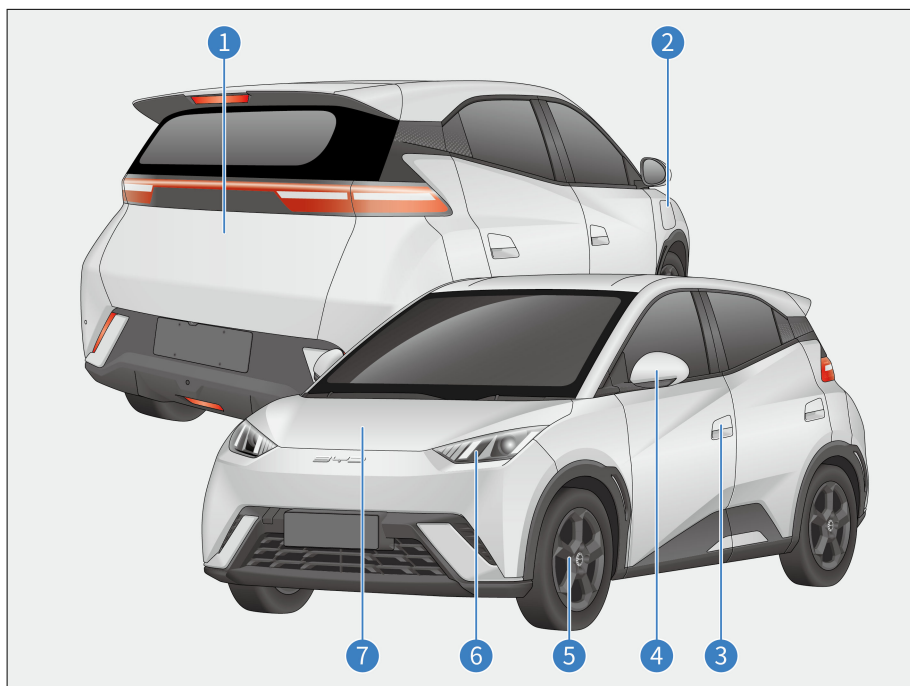
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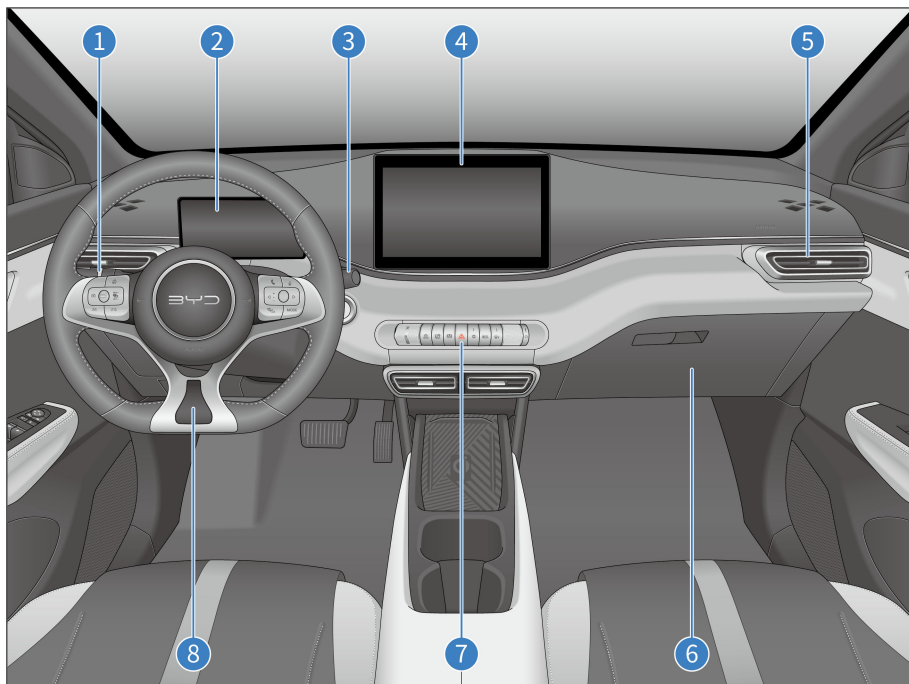
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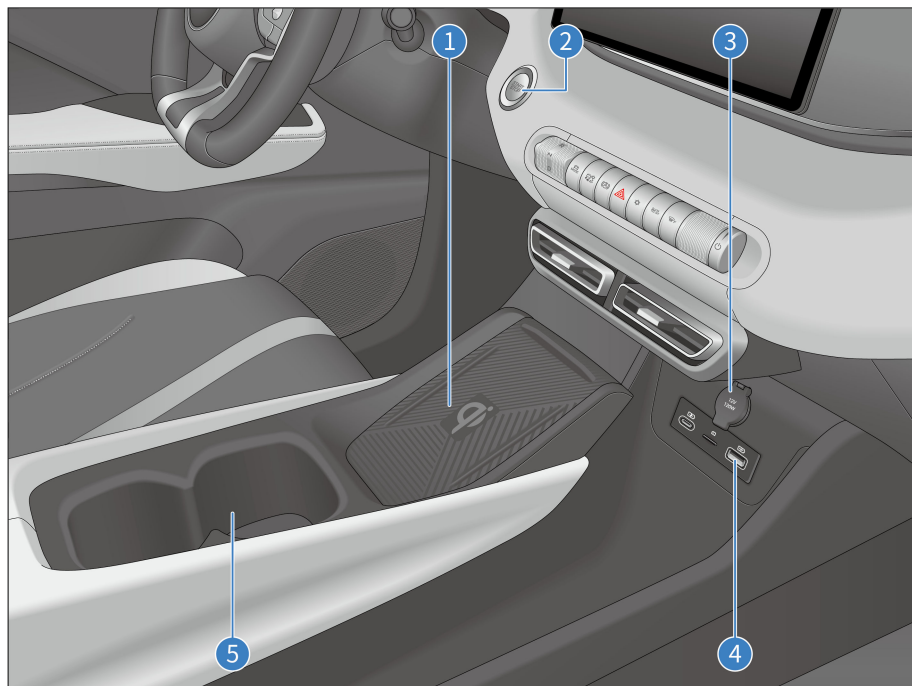
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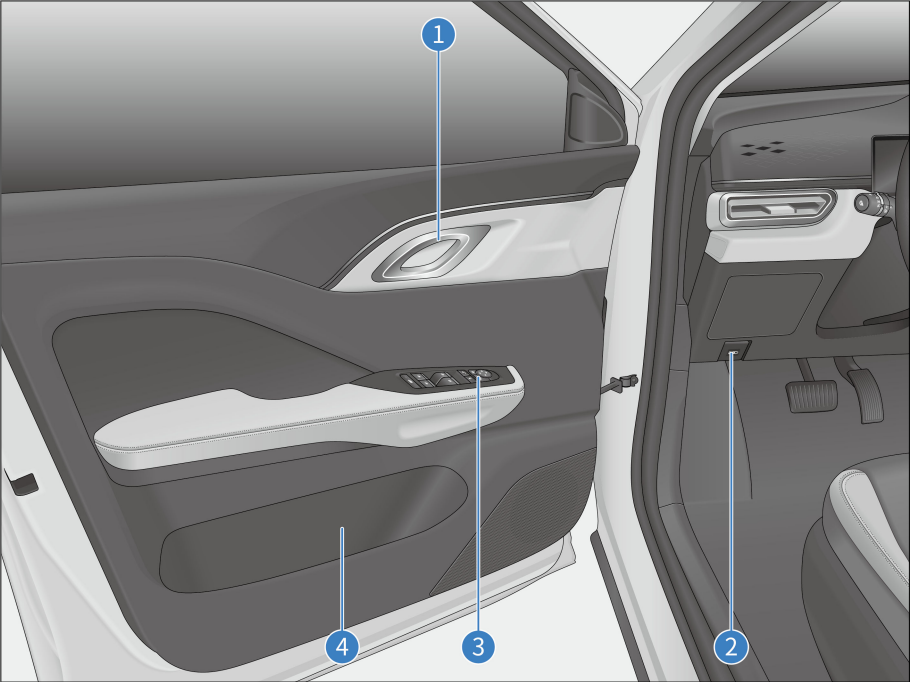
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SAFETY

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Seat Belts

Introduction to Seat Belts

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

- BYD has highly emphasized that driver and occupants should always fasten their seat belts while in the vehicle.
- Before and during the driving of the vehicle,, ensure all passengers in the vehicle fasten the seat belts. Failure to do so increases the risk of injury in case of an accident.
- The seat belts on the vehicle are mainly designed according to the body size of adults, and are not suitable for children. Please choose a suitable protection device for the child according to the age and figure of the child. (Refer to the classification of child protection devices 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.

Seat Belt Emergency Locking Retractor (ELR) Function

- During the sharp turn, emergency braking and collision process, or when the occupant leans forward too quickly, the seat belt automatically locks to effectively restrain and protect the occupant.
- Occupants can move freely when the vehicle is running smoothly and the

seat belts are pulled out or retracted slowly.

- If the seat belt locks due to fast retraction, allow it to retract for a distance of 15mm and slowly pull it back.

Pretensioner and Force Limiter Function*

When the vehicle suffers a severe frontal collision and the activating conditions of the pretensioner are met, the pretensioner quickly retracts some of the seat belt and locks it to further protect the driver and passengers. 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.

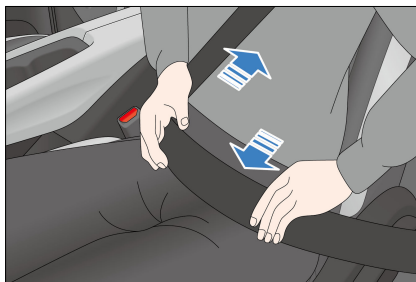


WARNING

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

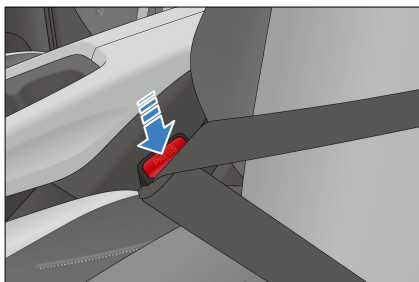
Using Seat Belts

1. Adjust the seat position and seatback angle properly. (see Adjusting Front Seats).



2. Adjust the position of the seat belt properly.

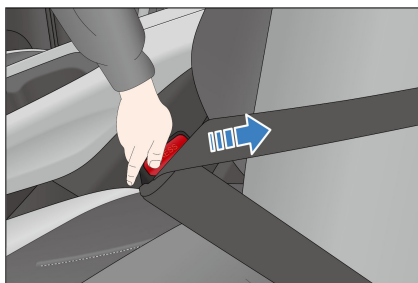
- Keep a proper sitting posture and pull the seat belt out to wear it diagonally from the shoulder to the chest. The belt should not go under the arm or across the back of the neck. Keep the belt lap part as close as possible to the hip bone.



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.

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. Unbuckling Seat Belts

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

REMINDER

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

WARNING

- One seat belt is for one occupant only. Do not allow multiple occupants (including children) to share one seat belt.
- Avoid traveling with the seatback leaning too far back. The seat belt protection performs best when the seatback is upright.
- Make sure that no seat belt or its spring bolt/buckle becomes pressed by the door or seatback; otherwise, the seat belt may be damaged.

WARNING

- Check the seat belts regularly. Check for cuts, wear, looseness, and other abnormalities. If any problem is found, contact a BYD authorized dealer or service provider for confirmation and handling. Until then, do not use the corresponding seat.
- Do not remove, disassemble or modify the seat belts without permission.
- After an accident, have the seat belts checked at a BYD authorized dealer or service provider. If the preloading function is activated, the seat belt must be replaced.
- In the event of a severe accident, regardless of whether the seat belt has an apparent damage, replace it together with the seat assembly, and thoroughly check the airbag system.
- Pregnant women should also fasten their seat belt properly. Particularly, be sure to position the lap belt as low across the hip as possible to prevent serious injury.
- Do not insert foreign objects such as coins and clips into the buckle as they prevent proper connection between the latch and buckle.

Seat Belt Reminders

If the driver or the front passenger has not buckled up after the vehicle is started, visual and audible alarm will start working until the corresponding seat belt is properly fastened.

- Seat belt reminder indicator

When any seat belt is not fastened, the unfastened seat belt indicator flashes.

- Display of unfastened seat belt.

When a seat belt is not fastened, the indicator for the corresponding seat will light up and remain on in case of abnormal conditions in the vehicle.

- Unfastened seat belt reminder for front passenger

When the vehicle is in ON/OK gear, 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 all the occupants 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. Do not use the corresponding seat before the functions return to normal.
- When driving, make sure all occupants have their seat belts properly fastened or in emergency braking or collision, passengers are more likely to be seriously injured and their lives may be endangered.

Airbags

Airbags

- The airbag system 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.

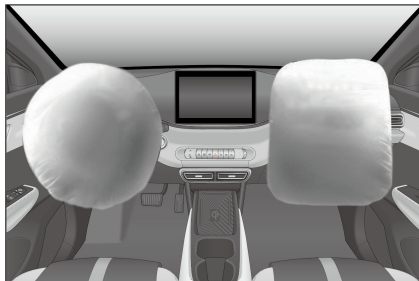
- The airbag system cannot replace the seat belt. It is an integral part of the whole passive safety protection system of the vehicle. Only when the airbag works together with the fastened seat belt can the airbag system provide maximum protection.
- According to the collision type, the airbag is generally divided into frontal airbag and side airbag. The frontal airbag includes the driver airbag and front passenger airbag, and the side airbag includes the front side airbag and curtain airbag.

WARNING

- Only when the airbag works together with the fastened seat belt can the airbag system provide maximum protection.
- Do not disassemble or assemble the airbag components without permission.
- After a collision, although the airbag module is not deployed and the pre-tensioner seat belt is not locked, the airbag computer may be encrypted to protect the passengers from high voltage. In this case, contact a BYD authorized dealer or service provider for inspection.

Driver and Front Passenger Airbags

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



Front Seat Side Airbags

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



- When the airbag triggering conditions are met due to a moderate to severe side impact during driving, the airbag deploys to assist in protecting the chest of the passenger on the

impacted side to reduce the degree of injury.

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

Vehicles Equipped with Seat Side Airbags

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

Side Curtain Airbags

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



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

Airbag Triggering Conditions and Precautions

Airbag Triggering Conditions

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

the deceleration curve generated and measured during the collision is below the preset reference value in the ECU, airbags do not deploy, even if the vehicle may have been severely deformed in an accident.

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

Cases When Airbags May Be Deployed

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



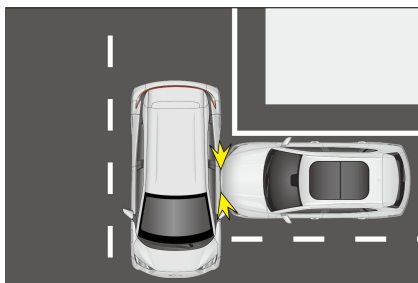
The vehicle hits a bump or curbstone.



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

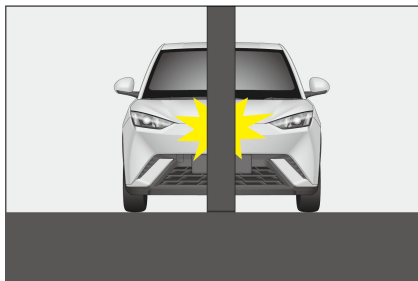


One side of the vehicle is hit by another vehicle.

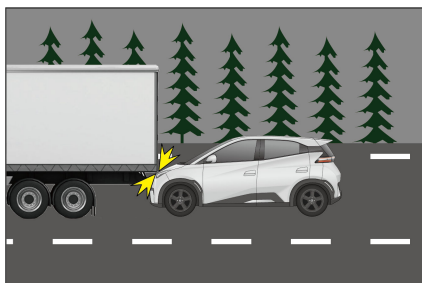


Cases When Airbags May Not Be Deployed

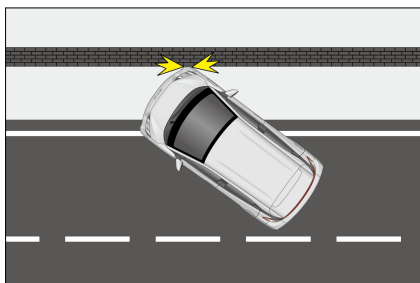
The vehicle hits a concrete column, tree, or other slim objects.



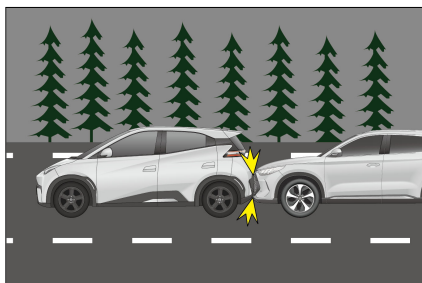
The vehicle goes under a truck or another large vehicle.



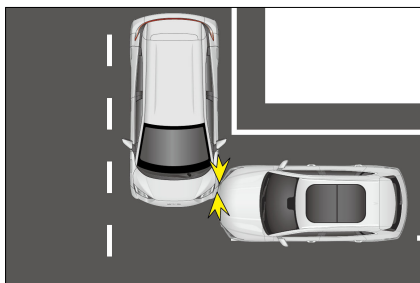
The tail of the vehicle is hit by another vehicle.



Parts other than the passenger compartment receive side impact.



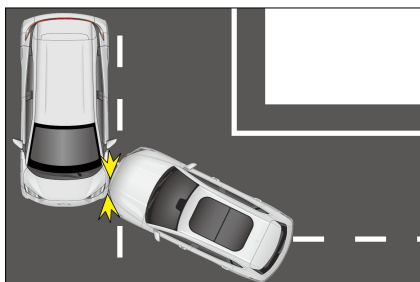
The vehicle rolls over.



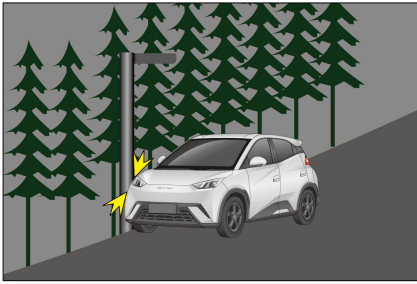
The lateral side of the vehicle is hit diagonally.



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



The lateral side of the vehicle hits a columnar object.



! WARNING

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

! WARNING

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

- No accessories, like phone or cup holders or ashtrays, must be installed on airbag covers or within their action range.
- Side curtain airbags are triggered by strong impacts at high speeds, so occupants must not lean against the doors of vehicles equipped with this type of airbag while these vehicles are in motion.
- Do not place any other gadgets or items within the action range of the side curtain airbags, such as the windshield, side door glass, A-pillar trim, ceiling, B-pillar trim, C-pillar trim and auxiliary handle. When the side curtain airbag is triggered, the gadget or item may be thrown with the impact force from the side air curtain, or the side air curtain may not be deployed normally.
- When transferring car ownership, make sure to pass on all of the vehicle's documents.
- Do not disassemble or repair the A-pillar trim, ceiling, B-pillar trim or C-pillar trim, which contain side curtain airbags. These changes can cause system failure or accidental triggering of curtain airbags.
- Do not change any component of the airbag system, including any corresponding label. Any operation done to the airbags must be performed by a BYD authorized dealer or service provider.

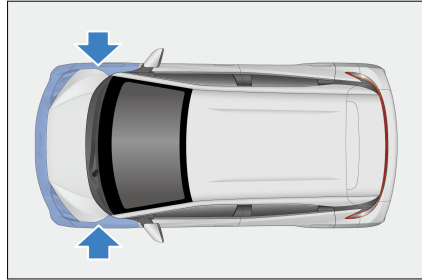
WARNING

- Airbags can only provide one-time accident protection. Once an airbag is triggered or damaged, the airbag system must be replaced.
- When scrapping the car or disposing of parts of the airbag system, observe the related safety regulations and disposal procedures.
- The airbag system has strong anti-interference and anti-disturbance resistance to electromagnetic fields around it. However, do not use the vehicle in electromagnetic environments above state approved ranges.
- This vehicle's airbag system has been developed by considering a series of road condition factors, however, drivers are advised to drive carefully in rough terrains in order to avoid impacts to the bottom of the vehicle.
- This vehicle's airbag system has been fully verified to seamlessly match the vehicle's original wiring harness system. Any wiring harness alteration may cause the airbags to deploy without proper triggering or fail to deploy in the event of a collision.

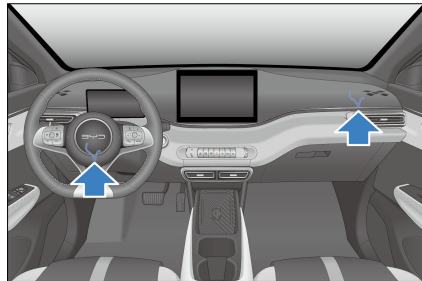
It is recommended that you contact a BYD authorized dealer or service provider immediately if any of the following situations occurs.

- The airbag has deployed.
- Instrument cluster airbag warning light  lights up abnormally.

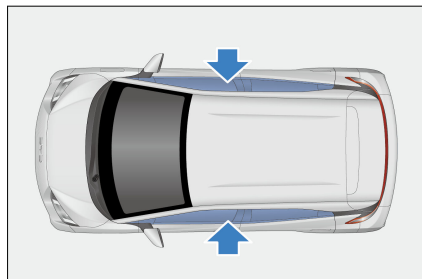
- Airbags do not deploy when the front part (shaded part in the figure) of the vehicle suffers a collision.



- The airbag cover has been scratched, cracked or otherwise damaged.



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



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

Child Restraint Systems

Child Restraint Systems

Choose an appropriate child safety seat according to the age and figure of the child.

- Please choose a suitable protection device for 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 CRS is not in use

- Fix it to the seat correctly. Do not place it on the passenger seat or in the boot.



CAUTION

- Be sure to use a seat belt or child restraint system for a child based on his/her age and size, so as to effectively protect the child in an accident or emergency stop. Holding a child in arms is not a substitute for a child restraint system. In an accident, the child may be crushed against the windshield or between you and the cabin.
- Please follow the instructions provided with the child restraint system to make sure the child restraint it is properly installed in the vehicle. Otherwise, emergency parking or an accident may result in serious injury to the child or even death.



REMINDER

- BYD strongly suggests you to install child restraint systems. Researches indicate that it is safer to install child restraints on the rear seats than the front seats.

Installing Child Restraint Systems

Observe the installing instructions provided by CRS factory. Firmly fix the CRS to the rear outer seat.

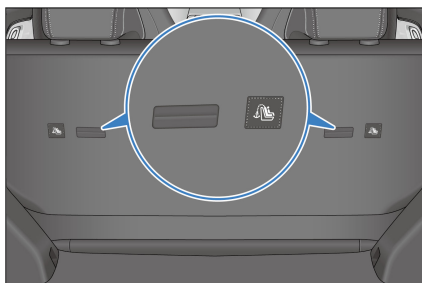
Fix the top strap when installing the CRS.

Installing Child Restraint Systems with ISOFIX Rigid Anchor

- The rear outboard seats are equipped with ISOFIX/i-Size anchorages. (A label indicating the anchoring position is attached to the seat.)



- Special anchorages are provided at the back of the rear seat backrest.



Installing a Child Seat

1. Identify the appropriate anchorages and install the child restraint system onto the seat.



! REMINDER

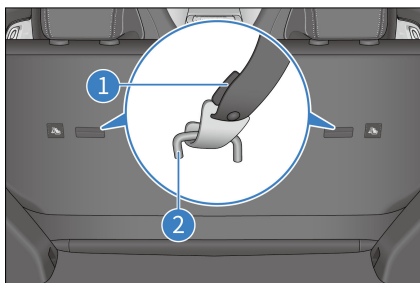
- The anchor is installed in the gap between the seat cushion and the backrest.

2. 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 Anchorage

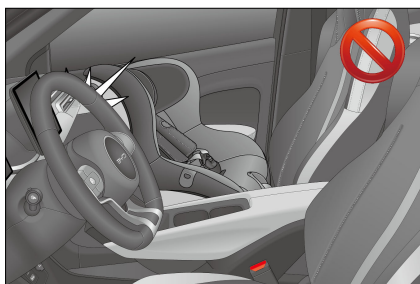
3. Adjust the headrest to a proper position.



- 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 front 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 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.

WARNING

- When using a rear-mounted child restraint seat, the headrest height should be adjusted to the minimum.
- 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

Information on the applicability of different ISOFIX positions to 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:

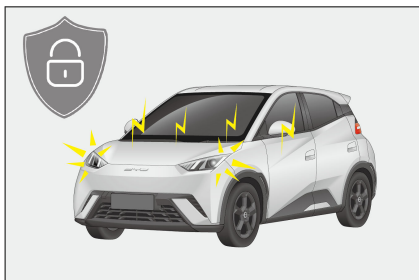
IUF = Front-facing universal ISOFIX child restraint systems certified for this weight group

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

Anti-theft System

Anti-theft System

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



Anti-theft system setting

1. Power off the vehicle.
2. Have all occupants exit the vehicle.
3. Lock all doors. The anti-theft indicator remains on for 8s until the anti-theft system is automatically activated. After that, the anti-theft indicator starts flashing.
4. Before leaving, confirm this indicator is flashing. Make sure no passengers are in the vehicle while setting the alarm. Unlocking any door from the inside can activate the system.

Triggering the alarm

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

Releasing the alarm

- The anti-theft alarm is released when:

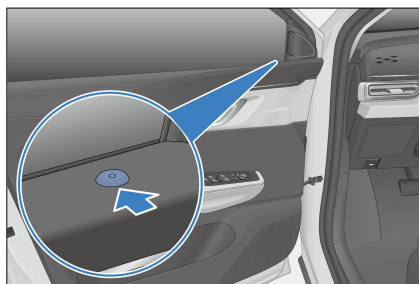
- doors are unlocked with the smart key;
- doors are unlocked with the NFC key;
- a door is unlocked with the microswitch;
- Unlocking of the Boot Lid with the Smart Key
- the vehicle is started remotely with the smart key; or
- the START/STOP button is pressed with the smart key inside the vehicle.

WARNING

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

Anti-theft Indicator

When the anti-theft system is enabled, the anti-theft indicator is solid on for 8 seconds.



Event Data Recorder System

Event Data Recorder System

This vehicle is equipped with an Event Data Recorder (EDR) system.

- The EDR is mainly used to record the data of a certain collision or

approximate collision (such as airbag deployment or collision with roadside obstacles), thus helping to understand the operation of the vehicle system.

- The EDR is used to record the data related to the vehicle dynamic control system and safety system in a short time (generally within 5s).
- Data may not be recorded due to the severity and type of collision.
- The EDR of the vehicle records the following data:

Data Name	Meaning	Purpose
Delta-V, longitudinal	It is the change in longitudinal speed of the vehicle. The longitudinal delta-V is only the longitudinal component of the total delta-V.	It is used to analyze the speed change in the forward direction of the vehicle at adjacent time points before and after the collision event.
Maximum recorded longitudinal delta-V	It is the maximum accumulated change in vehicle speed in X-axis direction recorded by EDR. This data should be used in conjunction with "the time to reach the maximum recorded longitudinal delta-V" .	It is used to analyze the maximum speed change in the forward direction of the vehicle before and after the collision event.
The time to reach the maximum recorded longitudinal delta-V	It is the time taken from zero time point to the maximum accumulated change in speed, recorded by the EDR along the X-axis. This data should be used in conjunction with "the maximum recorded longitudinal delta-V".	It is used to analyze the time corresponding to the maximum change in vehicle velocity in the forward direction when the collision occurs.
Activation and deactivation of service brake	It is used to detect whether the driver presses the brake pedal.	It is used to analyze whether driver has pressed the brake pedal when the collision occurs.
Vehicle speed	It is the wheel-side speed or the speed obtained by other means.	It is used to analyze the running speed of the vehicle at the time of the collision event.

Data Name	Meaning	Purpose
Vehicle identification number	Vehicle identification number (VIN) specified by the vehicle manufacturer	It is used to confirm whether the data recorded by the EDR is from the vehicle with collision event.
Driver seat belt status	It is the status of the driver seat belt buckle switch.	It is used to analyze whether the driver has fastened the seat belt when the collision occurs.
Percentage of actual position of accelerator pedal to its fully-pressed position	It is the percentage of actual position of accelerator pedal to its fully-pressed position.	It is used to analyze the position of the accelerator pedal when a collision event occurs.
Ignition cycle in eventcrash	It is the number of power cycles in the ECU recording EDR data from the first use of the ECU recording EDR data to the time of the event. An example of a power cycle is the ignition switch from OFF/AUX mode to ON/RUN mode.	It is the number of power cycles in the ECU recording EDR data from the first use of the ECU recording EDR data to the time of the event.
Ignition cycle during reading	It is the number of power cycles in the ECU recording EDR data from the first use of the ECU recording EDR data to the time of reading. An example of a power cycle is the ignition switch from OFF/AUX mode to ON/RUN mode.	It is the number of power cycles in the ECU recording EDR data from the first use of the ECU recording EDR data to the time of reading.
Completeness of event data recording	Status identification indicating whether event data is completely recorded and stored in the ECU that records EDR data.	To verify the completeness of EDR data recorded.
Time from event X-1 to X	Elapsed time from time zero of event X-1 to time zero of event X, if two events occurred within 5 seconds.	To analyze the time interval between the occurrence of two events.
Hardware number of the	ECU that serves as an EDR on a vehicle.	To verify the information of the ECU that records EDR data.

Data Name	Meaning	Purpose
ECU that records EDR data		
Serial number of the ECU that records EDR data	ECU that serves as an EDR on a vehicle.	To verify the information of the ECU that records EDR data.
Software number of the ECU that records EDR data	ECU that serves as an EDR on a vehicle.	To verify the information of the ECU that records EDR data.
Clipping identification	Time when (lateral and longitudinal) acceleration collected by the EDR first reaches the measuring range of sensors.	To ensure the time accuracy of EDR recording.
Longitudinal acceleration	Component of the vector acceleration of a point in the vehicle in the x-direction.	To analyze the longitudinal acceleration at the time when the crash event occurred.
Lateral acceleration	Component of the vector acceleration of a point in the vehicle in the y-direction.	To analyze the lateral acceleration at the time when the crash event occurred.
Delta-V, lateral	Change in lateral vehicle velocity, which only represents the component of the resultant delta-V in the y-direction.	To analyze the lateral delta-V at the time when the crash event occurred.
Maximum delta-V, lateral	Maximum value of the cumulative change in velocity, as recorded by the EDR, of the vehicle along the y axis, which should be used in combination with "time, maximum delta-V, lateral" .	To analyze the maximum lateral delta-V at the time when the crash event occurred.
Square, maximum delta-V, resultant	Maximum value of the sum of the squares of longitudinal and later delta-Vs.	To analyze the square of the maximum resultant delta-V at the time when the crash event occurred.
The time to reach the maximum recorded lateral delta-V	Time from time zero to the point where the maximum value of the cumulative change in velocity is found, as recorded by the EDR, along	To analyze the time to the maximum lateral delta-V at the time when the crash event occurred.

Data Name	Meaning	Purpose
	the y axis, which should be used in combination with "maximum delta-V, lateral" .	
Time, square, maximum delta-V, resultant	Time from time zero to the point where the maximum resultant delta-V is found, which should be used in combination with "square, maximum delta-V, resultant" .	To analyze the time to the square of the maximum resultant delta-V at the time when the crash event occurred.
Yaw rate	Change in angle of the vehicle relative to the z axis prior to and after the event, which is recorded as positive in the clockwise direction and is applicable to vehicles with an electronic stability control system.	To analyze the stability of the electronic vehicle control system at the time when the crash event occurred
Steering angle	Angular coordinate of the steering wheel. On the coordinate, the zero value (0°) indicates that the steering wheel was in the middle position (vehicle traveling straight) and a positive value indicates that the steering wheel was turned anticlockwise (leftward). This data is applicable to vehicles installed with a steering angle sensor.	To analyze the status of the steering wheel at the time when the crash event occurred.
T_{end}	End of the crash event. If the condition has not been met by the end of the recording cycle, T_{end} can be defined as the moment of the data last recorded.	To analyze the end of the crash event
Year, month, day, hour, minute, second	The time when the event occurred.	To analyze the time when the accident occurred
Gear status	Actual gear status, applicable to vehicles having this signal transmitted to the CAN bus.	To analyze the gear status of the vehicle at the time when the crash event occurred.

Data Name	Meaning	Purpose
Brake pedal position	Actual position of the brake pedal in the range between the non-depressed position and the fully-depressed position. It can be stated in the EDR extraction report that the vehicle brake system may have performed 100% braking when the brake pedal position is less than 100%. The data applies to vehicles installed with a brake pedal position sensor.	To analyze the brake pedal position at the time when the crash event occurred
Parking system status	Used to detect whether the parking brake was active and applicable to vehicles having the parking system status transmitted to the CAN bus.	To analyze the status of the parking system at the time when the crash event occurred.
Turn signal switch status	Status of the switch that indicates the turning or lane change intention of the driver, which is applicable to vehicles having the turn signal transmitted to the CAN bus.	To analyze the turn signal switch status at the time when the crash event occurred.
Time to deploy the seat belt pretensioner for the driver	Elapsed time from the beginning of the event (T_0) to the deployment command for the seat belt pretensioner for the driver.	To analyze the time taken to deploy the seat belt pretensioner for the driver at the time when the crash event occurred
Time to first stage, frontal airbag, driver	Elapsed time from the beginning of the event (T_0) to the first-stage deployment command for frontal driver airbag.	To analyze the time taken to deploy the frontal driver airbag (first stage) at the time when the crash event occurred.
Time to second stage, frontal airbag, driver	Elapsed time from the beginning of the event (T_0) to the second-stage deployment command for frontal driver airbag.	To analyze the time taken to deploy the frontal driver airbag (second stage) at the time when the crash event occurred.
Time to deploy the side airbag for the driver	Elapsed time from the beginning of the event (T_0) to	To analyze the time taken to deploy the side driver airbag at the time when the crash event occurred.

Data Name	Meaning	Purpose
	the deployment command for side driver airbag	
Time to deploy, side curtain airbag, driver	Elapsed time from the beginning of the event (T_0) to the deployment command for the side curtain airbag for the driver.	To analyze the time taken to deploy the side curtain airbag for the driver at the time when the crash event occurred
Seat belt status, front passenger	Buckle switch status of the seat belt of the front passenger, applicable to vehicles with a seat belt reminder	To analyze the seat belt status of the front passenger at the time when the crash event occurred
Time to deploy, seat belt pretensioner, front passenger	Elapsed time from the beginning of the event (T_0) to the deployment command for the seat belt pretensioner for the front passenger.	To analyze the time taken to deploy the seat belt pretensioner for the front passenger at the time when the crash event occurred
Suppression status, frontal airbag, front passenger	Suppression status shown for the frontal airbag for the front passenger, applicable to vehicles with a frontal airbag suppression switch.	To analyze the suppression status of the frontal airbag for the front passenger at the time when the crash event occurred.
Time to first stage, frontal airbag, front passenger	Elapsed time from the beginning of the event (T_0) to the first-stage deployment command for the frontal airbag for the front passenger.	To analyze the time taken to deploy the frontal airbag for the front passenger (first stage) at the time when the crash event occurred
Time to second stage, frontal airbag, front passenger	Elapsed time from the beginning of the event (T_0) to the second-stage deployment command for the frontal airbag for the front passenger.	To analyze the time taken to deploy the frontal airbag for the front passenger (second stage) at the time when the crash event occurred.
Time to deploy, side airbag*, front passenger	Elapsed time from the beginning of the event (T_0) to the deployment command for the side airbag for the front passenger.	To analyze the time taken to deploy the side airbag for the front passenger at the time when the crash event occurred.
Time to deploy, side curtain airbag*, front passenger	Elapsed time from the beginning of the event (T_0) to the deployment	To analyze the time taken to deploy the side curtain airbag for the front passenger at the time when the crash event occurred.

Data Name	Meaning	Purpose
	command for the side curtain airbag for the front passenger	
Alarm status, occupant protection system	Alarm status of the occupant protection system, applicable to vehicles having this alarm status transmitted to the CAN bus.	To analyze the alarm status of the occupant protection system at the time when the crash event occurred.
Alarm status, tire pressure monitoring system	Alarm status when the onboard tire pressure monitoring system detected that one or more tires had low pressure, applicable to vehicles having this alarm status transmitted to the CAN bus.	To analyze the alarm status of the tire pressure monitoring system at the time when the crash event occurred.
Alarm status, braking system	Fault status of the braking system, applicable to vehicles having this alarm status transmitted to the CAN bus.	To analyze the alarm status of the brake system at the time when the crash event occurred.
Cruise Control System*	Operation status of the cruise control system*	To analyze the status of the cruise control system at the time when the crash event occurred.
Adaptive Cruise Control (ACC) System*	Operation status of the adaptive cruise control (ACC) system	To analyze the status of the ACC system at the time when the crash event occurred.
Anti-lock Braking System (ABS)	Operation status of the anti-lock braking system (ABS).	To analyze the ABS status at the time when the crash event occurred.
AEB * status	Operation status of the autonomous emergency braking (AEB) system.	To analyze the status of the AEB system at the time when the crash event occurred.
ESC status	Operation status of the electronic stability control (ESC) system.	To analyze the status of the ESC system at the time when the crash event occurred.
TCS status	Operation status of the TCS	To analyze the TCS status at the time when the crash event occurred.
Time, pre-event synchronous timing	The relative time from the last data sampling point before T_0 to T_0 , which is	To analyze the time of pre-event synchronous timing at the time when the crash event occurred.

Data Name	Meaning	Purpose
	applicable to vehicles with pre-event synchronization timing function. It is used to align data temporally.	

Purchasing the EDR data extraction tool:

- EDR data can be extracted by using BYD vehicle fault diagnosis unit VDS 2000/VDS 2100. To purchase the unit, you are recommended to contact a BYD authorized dealer.

Data extraction with the EDR controller:

- EDR data can be extracted from the Airbag Center app on the fault diagnosis unit VDS 2000/VDS 2100 when:
 - Consent has been obtained from the owner (or the lessee);
 - An official request has been made by the public security bureau, a court, or governmental department;
 - The data is to be used by BYD in law suits.

Non-locked event storage and overwriting mechanism and event types that can be overwritten:

- Data on non-locked events can be overwritten by data on subsequent events, whereas data on locked events cannot.
- Events that can be overwritten include:
 - Irreversible restraint units did not deploy;
 - Changes in vehicle velocity within 150 milliseconds were less than 25 km/h in the direction of the x axis.

How cruise control works and the descriptions for elements of relevant data:

- The cruise control system controls signals output from the throttle sensor based on the target cruise speed set by the driver for control of the vehicle travel speed.
- The EDR records the vehicle cruise status, including enabled but not activated, enabled and activated, command disabled, faulty, etc.

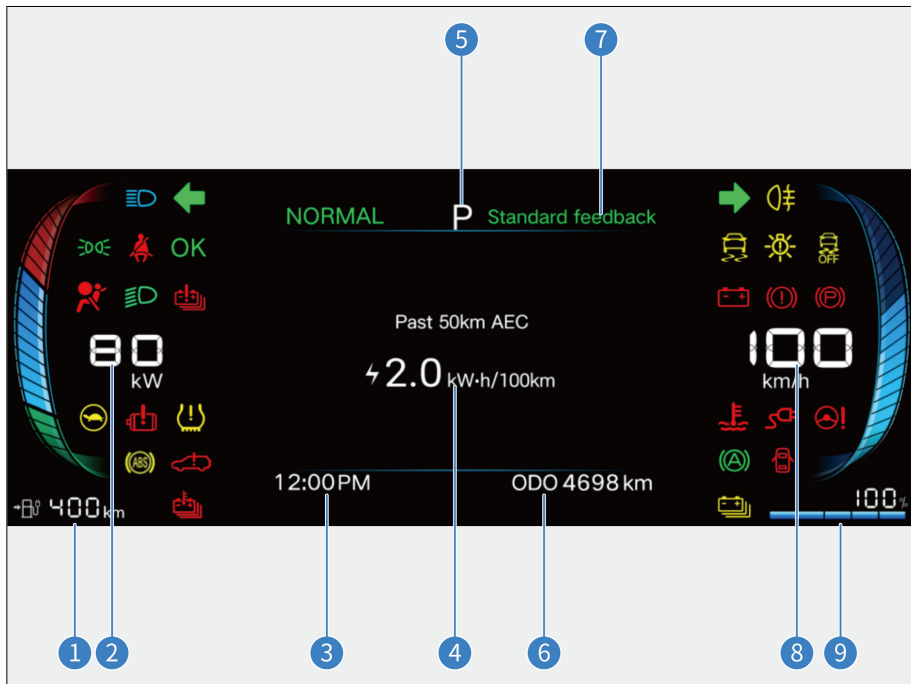
02

INSTRUMENT CLUSTER

组合 instrument..... 38

Instrument Cluster

Instrument Cluster View



- | | | | |
|---|---------------------------------|---|---------------|
| 1 | Electric driving mileage | 6 | Total range |
| 2 | Power | 7 | Feedback mode |
| 3 | Time | 8 | Speedometer |
| 4 | The Area of Information Display | 9 | SOC |
| 5 | Gear status | | |

Instrument Cluster Indicators

	Turn signal indicator		Position light indicator
	Hill descend control indicator*		Low beam indicator
	High beam indicator		Rear fog light indicator
	ECO indicator		Sporting Indicator
	Cruise control indicator*		Cruise control main indicator *
	AVH indicator (The indicator shows white in standby status.)		High-voltage battery low
	OK indicator		Driving power limit warning light
	Main alarm indicator		Smart key warning light
	ABS fault warning light		ESC OFF warning light
	ESC fault warning light		Tire pressure fault warning light
	Seat belt reminder		Airbag fault warning light
	EPB indicator		Parking system fault warning light

	Steering system fault warning light		Motor coolant overheating/low-level indicator
	Headlight fault warning light		High-voltage battery charging connection indicator
	Low-voltage power system fault warning light		High-voltage battery overheating warning light
	High-voltage battery fault warning light		Powertrain fault warning light
	Snow mode indicator		Indoor exhibition vehicle mode
	Outdoor exhibition vehicle mode		

Indicators and Warning Lights

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

REMINDER

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



Seat belt reminder

If the safety belts of the driver and the occupant are not fastened with the power OK indicator light of the safety belt is not fastened until the driver and the occupant fasten the safety belts, otherwise the indicator light will continue to light up.



Charging system warning light

If this indicator is on during driving, it indicates faulty DC system or charging system. In this case, turn off the A/C and fan, and drive the vehicle to the nearest BYD authorized dealer or service provider for maintenance.



! 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 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. But it does not mean that the motor malfunctions.
- The duration of turning the steering wheel to the limit position does not exceed 5s. Otherwise, the temperature protection is activated, resulting in heavy steering or damage.
- When the steering wheel is turned frequently in situ for a long time, the steering system fault warning light does not go on, but it feels hard to turn. This phenomenon is a non-failure mode.
- If the steering wheel is turned frequently in place for a long time, the steering system boosting effect will decrease to prevent over temperature of the system, resulting in heavy steering when operating the steering wheel. In this case, avoid frequently turning the steering wheel or stopping the vehicle; the system will return to normal in 10 min.



WARNING

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



Powertrain fault warning light

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



REMINDER

- Please do not drive the vehicle with the warning light on. It is recommended to drive to the BYD authorized dealer or service provider as soon as possible to check and confirm the problem.



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.
- The high-voltage battery may be overheated under the following operating conditions. For example:
 - Long-distance climbing in hot weather.

- Long stop-and-go traffic state, frequent rapid acceleration and braking, or continuous running without rest.



High-voltage battery fault warning light

- With the vehicle powered on, this warning light stays 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 conditions occurs, it indicates a fault in a component monitored by the warning light system. In this case, contact a BYD authorized dealer or service provider for inspection as soon as possible:
 - With the vehicle powered on, this warning light stays on.
 - This indicator stays on or lights up from time to time during driving.



Smart key warning light

- Press the START/STOP button. If the smart key is not inside the vehicle, the warning light lights up for several seconds, the speaker sounds once, and the display screen displays "No key is detected. Please confirm whether it is inside the vehicle" .
- If the START/STOP button is pressed with the smart key inside the vehicle, this warning light does not light up, and the vehicle can be powered on.
- If the smart key is brought into the car within a few seconds when the warning light is on, the warning light goes out and can be powered on and started.

- If the warning light flashes when the START/STOP button is pressed, it indicates low battery of the key.



ABS fault warning light

- With the vehicle gear at OK, this warning light stays on. If the ABS (anti-lock braking system) works properly, the light goes off in a few seconds. If the system fails, it lights up again until the fault is eliminated.
- When the ABS fault warning light is on (the parking system fault warning light goes out), the ABS does not work, but the parking system still works normally.
- When the ABS fault warning light is on (with the parking system fault warning light off), since the anti-lock braking system does not operate, the wheels will be locked in case of emergency braking or braking on a slippery road.
- If any of the following 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 gear at "OK" , this warning light does not light up or stays on.
 - This warning light turns on during driving.



REMINDER

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



REMINDER

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 the ABS indicator and the braking system indicator are on and the electronic parking brake (EPB) is fully released, the braking force distribution system of front and rear wheels has also failed.
- Gently press the brake pedal to feel if it is normal:
 - If the brake pedal is normal, check the level of brake fluid. If the liquid level is low, it is recommended to contact BYD Auto Authorized Service Store in time to check whether the brake system has leakage and the wear degree of brake friction plates. If the liquid level is normal, the system is normal.
 - If the brake pedal feels abnormal, measures should be taken immediately. It is recommended to contact a BYD authorized dealer or service provider for maintenance as soon as possible.



SRS fault warning light

- OK With the vehicle powered on, this warning light is on. If the airbag system works normally, it goes out after a few seconds. If the airbag system fails, it is always on. This warning light is used to monitor the SRS ECU, collision sensor, inflator, warning light, wiring and power supply.
- If any of the following conditions occurs, it indicates a fault in a component monitored by the warning

light system. In this case, contact a BYD authorized dealer or service provider for inspection as soon as possible:

- With the vehicle gear at “OK”, the self-test of this warning light will not be on or will be on continuously after it is powered on.
- This warning light lights up or flashes while driving.



Tire pressure fault warning light

With the vehicle gear at “OK”, this warning light stays 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 and the information display on the instrument cluster reads "Please check the tire pressure monitoring system", it indicates that the tire pressure system is faulty.

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 gear at OK, this warning light is on. If the airbag system works normally, it goes out after a few seconds. If the system fails, this warning light turns on again.
- If the ESC fault warning light flashes while the vehicle is traveling, it indicates that the ESC 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 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 gear at “OK” , the self-test of this warning light will not be on or will be on continuously after it is powered on.
 - This warning light stays on during driving.
 - If the ESC fault warning light flashes while the vehicle is traveling, it indicates that the ESC is working.

REMINDER

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



ESC OFF warning light

- With the vehicle gear at “OK” , this warning light goes out after a few seconds..

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



REMINDER

- If the OFF warning light of ESC is on, the driver must be vigilant and keep driving at a low speed when making emergency turns to avoid sudden obstacles. Because braking the vehicle in such a situation may cause the ESC system to malfunction and the vehicle to become unstable.



Driving power limit warning light

This light turns on when the high-voltage battery is so low that the motor power is limited.



Main alarm indicator

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



Headlight fault warning light

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

03

CONTROLLER OPERATION

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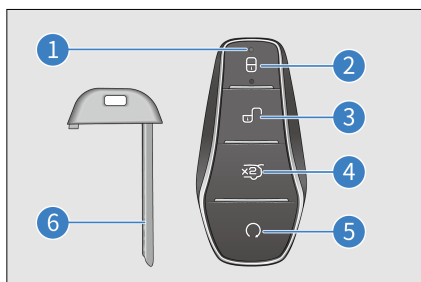
Doors and Keys

Keys

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



WARNING

- The button (coin) battery in the vehicle key is hazardous and both new and used batteries are to be kept away from children at all times.
- If swallowed or placed inside any part of the body, a coin battery can cause severe or fatal injuries in 2 hours or less.

WARNING

- 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.
- Do not place the smart key in a position exposed to high temperature, such as on the dashboard.
- Do not tamper with the smart key.
- Do not hit other objects with the smart key or drop it.
- Do not immerse the key in water or clean it in the ultrasonic scrubber.
- Do not place smart keys with devices that emit electromagnetic waves, such as the mobile phone.
- Do not attach 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:



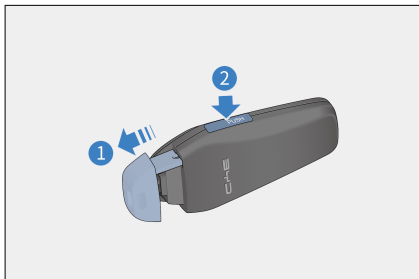
CAUTION

- 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.

Mechanical Key

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

- When using the mechanical key in the electronic intelligent key, as shown in the figure, press the "PUSH" button ② on the intelligent key and take out the mechanical key in the direction of arrow ①.
- After using the mechanical key, press the "PUSH" button and insert the mechanical key.
- The information shown here is for reference only.



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 Key*

Locking:

With the ignition switched off and all doors closed but not locked, place the phone with NFC close to the designated area on the front left exterior rearview mirror to simultaneously lock all the doors. The turn signals flash once.

Unlocking:

- When the anti-theft system is activated, place the phone with NFC on the sensing area close to the NFC mark on the front left exterior rearview mirror. All doors are simultaneously unlocked. The turn signals flash twice.
- When the anti-theft system is activated, open a door within 30 seconds after unlocking with the NFC phone. Otherwise, all doors will relock automatically.
- After unlocking with NFC phone, the user can start the vehicle within 4 min, while this will be disabled upon locking at the "OFF" position.
- In any of the following cases, doors are not locked/unlocked when the NFC phone is held close to the command area on the front left exterior rearview mirror:
 - When the user opens or closes the door, the phone NFC must be placed close to the command area on the front left exterior rearview mirror.
 - The vehicle is not powered off.

CAUTION

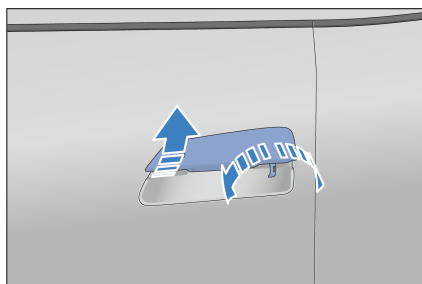
- Some smartphones do not support the NFC key function.
- The keyless start permission lasts for up to 4 minutes.
- Please avoid long-term or frequent use when the smartphone is dead.

Locking/Unlocking Doors

Locking/Unlocking with Mechanical Key

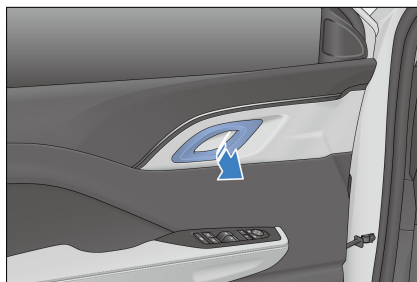
Insert the key and turn it.

- Unlocking: turn the key counterclockwise.
- After the vehicle gets unlocked with the mechanical key, it is necessary to pull out the key and pull the outer handle to open the door.
- Locking: turn the key clockwise.
- Close the left front door, ensure that the left front door is flush with or lower than the left back door, press the door, and turn the key clockwise to realize locking.



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.



Locking/Unlocking/Finding the Vehicle with Smart Key

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

Locking

- When the vehicle is powered OFF with all doors and the hood closed, press the lock button to lock all doors. The turn signals flash once. Ensure that all doors are locked securely.
- If any door is not closed, turn signals do not flash, and the alarm sounds once.



Unlocking

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

Rolling down

- Press and hold the unlock button of the smart key to roll down four windows.

Unlocking of the Boot Lid with the Microswitch

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



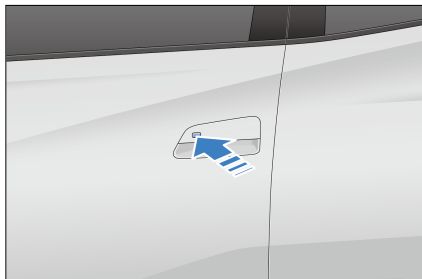
- Anti-forget key function
 - If the key is placed in the locked vehicle and the boot lid is closed, the vehicle will get unlocked automatically and the turn signals flash twice.

Vehicle locating

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

Unlocking/Locking Doors with Microswitch

Microswitch unlocking/locking

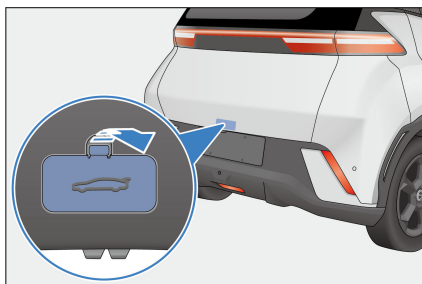


Unlock the trunk lid with microswitch

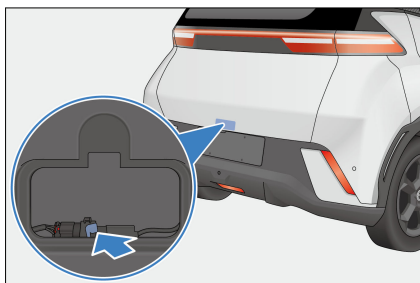
- If the vehicle is in a locked state, carrying a valid key and pressing the "rear microswitch" will unlock the trunk lid.
- If the vehicle is unlocked, pressing the "rear microswitch" will open the trunk lid.

Interior emergency unlocking of boot lid

1. Remove the access cover of the trunk lid lock from the lid guard.



2. Unlocking of boot lid by toggling the lever.



REMINDER

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

Locking/Unlocking with Central Locking

Locking/Unlocking the vehicle with central door lock switch

please refer to (P)

Locking or Unlocking Doors Automatically

- All doors are automatically locked when the vehicle speed is above 8 km/h.
- Press the START/STOP button to switch the ignition off. Then, all doors unlock automatically.

Locking/unlocking All Doors Concurrently

- 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 off 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 center console lock fails, use the mechanical key to lock the driver's door and turn emergency lock knobs of right side doors anti-clockwise and the knobs of left side doors clockwise to the locked positions, and then close these doors. The vehicle goes to the locked state, and doors cannot be opened with exterior handles.



- To unlock doors, use the mechanical key to unlock the driver's door first. Then enter the vehicle, unlock other doors by interior door handles, and pull exterior handles once to open these doors. Or pull the inner buckle hand once to unlock, and then pull it again to open the door.

! REMINDER

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

Smart Access and Start System

Entry Function

Use the smart key to unlock or lock the vehicle doors (for details, please refer to **P** or **P**).

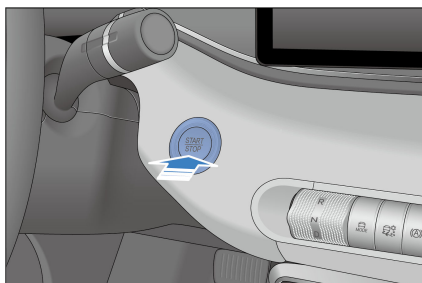
- If the PEPS system does not work normally and you cannot enter the vehicle, the mechanical key concealed in the smart key can be used to unlock and lock the driver's door, or the wireless remote control function can be used to unlock and lock all doors.

Start-up Function

With the smart key inside, press the brake pedal and the START/STOP button to start the vehicle.

Do not touch the power button

- Possible causes for the failure of the normal start function when the "START/STOP" button is pressed:
 - Starting the drive motor repeatedly in a short time requires the driver to wait for 10s first.
 - 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.



! REMINDER

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

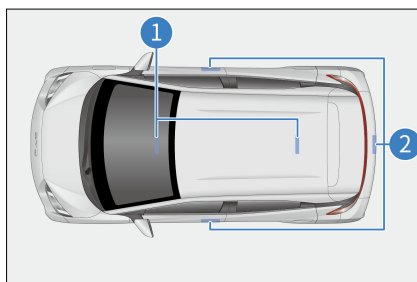
- There is a strong electromagnetic field nearby, such as TV towers, power stations, and broadcasting stations.
- The smart key is being carried along with a communication device, such as a two-way radio or mobile phone.
- The smart key is in contact with or covered by a metal object.
- The door handle is operated too quickly.
- The smart key is too close to the handle.
- Another wireless remote control function is being used nearby.
- The battery runs out.
- The smart key is close to high-voltage equipment or equipment that produces noise.
- When 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

! REMINDER

dashboard, in the glove box, or on the floor).

Antenna Position

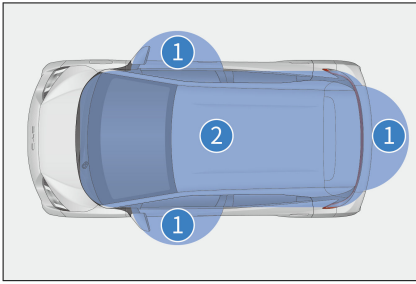
- ① Interior detection antenna
- ② Exterior detection antenna (Right side antenna*)



Activation area

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

- ① The entry function activation area (right side antenna)* is about 1 m away from the door handles on both sides and the external boot lid release button.
 - ② The start function activation area is located in the compartment.
- If the intelligent key of the vehicle is near the intelligent keys of other vehicles, it may take a bit longer than usual to unlock the doors, which is normal.



- If the electronic smart key indicator does not flash, and the vehicle cannot be started with the start function, the battery may be exhausted, it should be replaced as soon as possible.

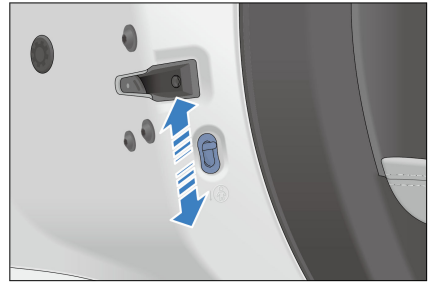
Power Saving of the Smart Key

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

Child Protection Lock

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

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



CAUTION

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

Seats

Seat Information

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

Luggage in the vehicle should not be higher than seatbacks.

 WARNING

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

 WARNING

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

- Never adjust the seat while driving, to avoid losing control of the vehicle.
- Do not drive the vehicle until the passengers are properly seated.
- When the rear seat is put down, pay attention to check the rear headrest and the front and rear position of the front seat to avoid interference in the central aisle.

 REMINDER

- Please do not damage the seat belt when folding the rear seats, and check that the buckle is properly placed in the buckle card slot on the seat cushion.
- Do not fasten the seat belt before adjusting the seat.
- When adjusting the seat, be careful not to let the seat hit passengers or baggage.
- During the measurement of seat cushion depth, the front and rear positions of the seat are the rearmost positions of the slide rail, and the design angle of the backrest is 23°.
- During the measurement of seat cushion width, adjust the backrest angle to the designed state (the backrest angle of the second row seats is 27°), and adjust the seat slide rail* to the rearmost position. For the separable and combinable seats in the same row,

! REMINDER

measure the cushion width as a whole row of seats.

Adjusting Front Seats

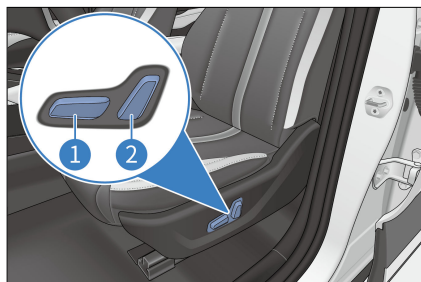
Front Seats - Electric Adjustment*

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 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 Backrest adjustment switch



- Push this switch forward or backward to adjust the backrest angle.

! REMINDER

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

Adjusting Front Seats Manually*

The manual adjustment of front seats includes the adjustment of front and rear distance and backrest angle. There are the following adjustment methods according to the functions equipped with the actual vehicle.

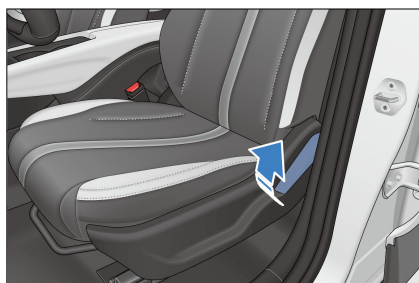
Seat position adjustment lever

- 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 position forward and backward, slide the seat back and forth to ensure that a slide rail locking sound is heard and confirm that the seat is locked in place.



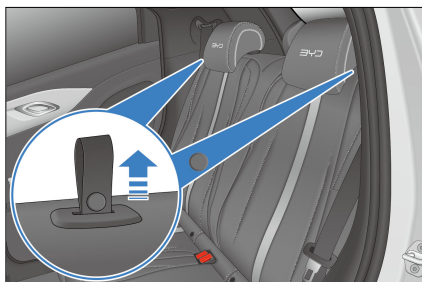
Backrest Adjustment Handle

- Pull up the adjustment handle, lean the backrest forward or backward with your back, adjust the backrest to the desired position, and release the handle.



Folding Rear Seats

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



! REMINDER

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

Head Supports

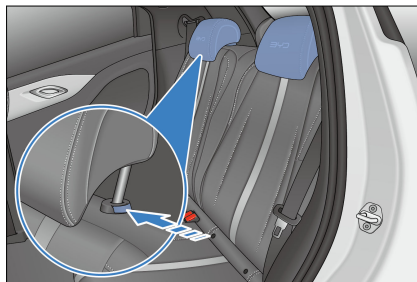
Rear Seat Head Supports

1. Lifting headrests

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

2. Lowering headrests

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



3. Removing headrests

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

4. Installing headrests

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

! REMINDER

- Headrests protect vehicle occupants from head and neck injuries. Adjust the head support so that its center aligns with the back of your head for maximum protection. Adjust the headrests to the proper position based on your actual height.
- When adjusting headrests height, align the occupant's ear tip line with the center line of the headrests.
- After adjusting the headrests, ensure that it is locked into position.

! REMINDER

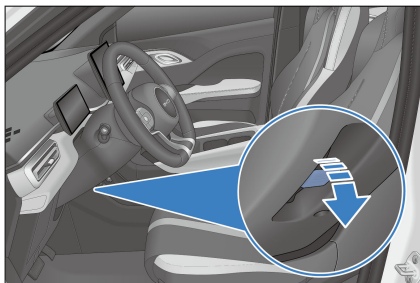
- Do not drive the vehicle without head supports.
- Do not attach any object to the head support lever.

Steering Wheel

Adjusting the Steering Wheel

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

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



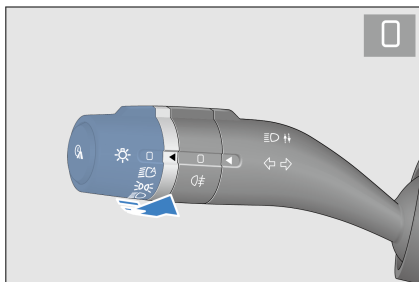
! WARNING

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

Switches

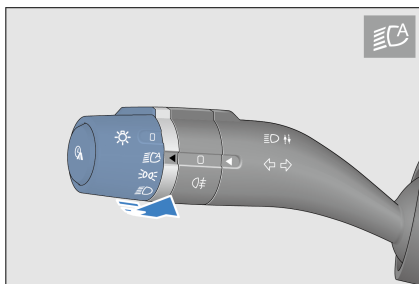
Light Switch

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



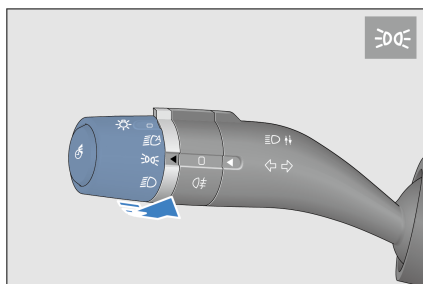
Auto Lights

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



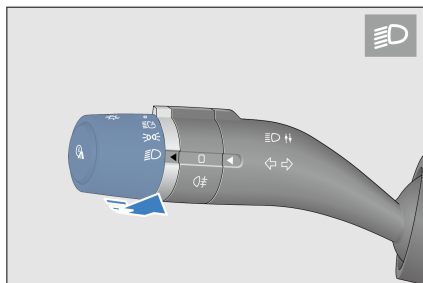
Position Light

Turn this knob to  to turn on position lights.



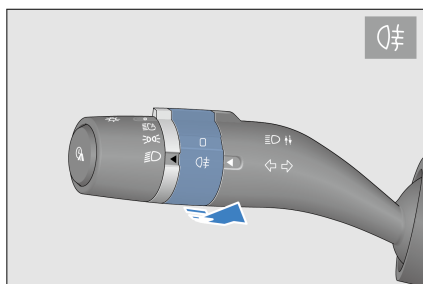
Low Beam

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



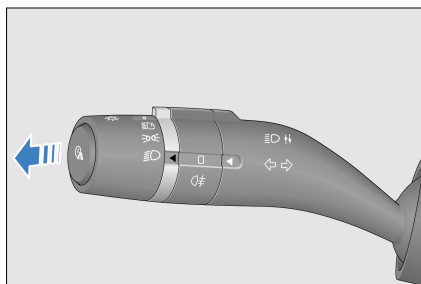
Rear Fog Light

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



High Beam

Turn this knob to , and push the light switch lever downward (away from the steering wheel) to turn on/off high beams.

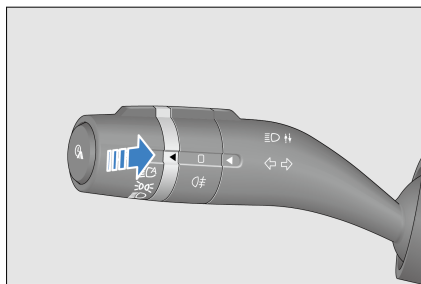


Overtaking Light

Pull up the light switch handle (toward the steering wheel) to turn on the overtaking light. Release the handle 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: 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 lighting delay is 10 seconds by default and can be set on the infotainment touchscreen. With the light switch set to ,

, or , when you power off the vehicle, lock four doors, and is leaving the vehicle, the corresponding lights keep on for 10 seconds (or the set time period).

- Follow me home:

- The lighting delay is 10 seconds by default and can be set on the infotainment touchscreen. With the light switch set to , ,
- or , when you power off the vehicle, unlock and are approaching it, the corresponding lights keep on for 10 seconds (or the set time period).

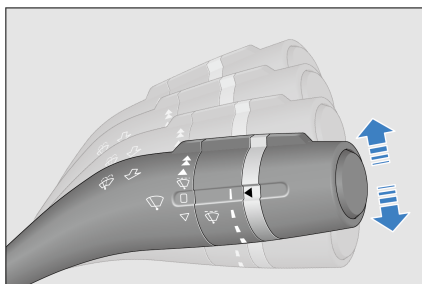


CAUTION

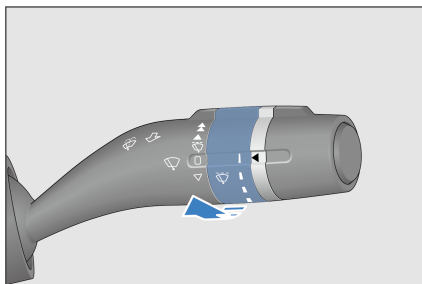
- You can set the delay in infotainment touchscreen →  → **Vehicle Settings** → **Ambient Light**.

Wiper Switch

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



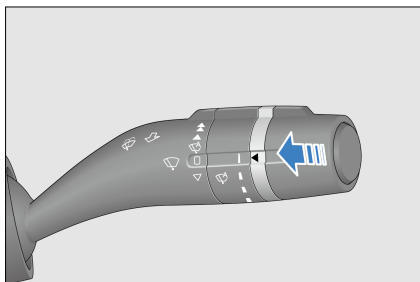
- To select the level, move the lever upward or downward.
- At low- and high- speed modes, the wiper operates continuously.
- To let wipers work in the spot-wiping mode “▽”, pull the lever from the “□” position. In this mode, the front windshield wipers operate at a low speed until the lever is released.
- At the  (INT) level, rotate the INT level knob of the wiper lever to adjust the wiping frequency. The narrower the rainfall indicator bar, the longer the time interval.



Front Windshield Washer

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

lever is held for less than 1 s, and twice if more than 1 s.



! REMINDER

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

! CAUTION

- Due to differences in vehicle equipment, the specific details of wiper function vary between vehicles.

Front Left Door Switch

Power Window Switches

- The front left door is equipped with four switches to correspondingly control the four windows.
- Press a switch to roll the window down.
- Pull a switch to roll the window up.

Automatic operation



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

Manual Rolling

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

Delay Function

- After the power withdrawal, if the front door is not opened, the four-

door window control switch has a lifting delay function of about 10min 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 allow the window lifting.

WARNING

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

Left Front Window Anti-pinch*

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

Left Front Window Anti-pinch*

- If the constant power of low-voltage battery is disconnected during the window motion, the automatic window lifting function and anti-pinch function fail. The initialization shall be performed as follows:
 - Pull up and hold the window control switch to make the glass rise to the top and stall at the position for 0.5 s.
 - In models equipped with the one-press closing function, if the window rises to the position close to the upper window frame sealing strip and the upper window edge undergoes certain resistance, the window moves back down to prevent pinching.

CAUTION

- Excessively frequent activation of the left front anti-pinch function

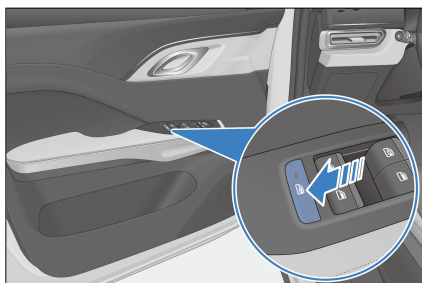
CAUTION

can activate the regulator motor's overheat protection.

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

Window Lock Button

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



Central Locking

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

Locking

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

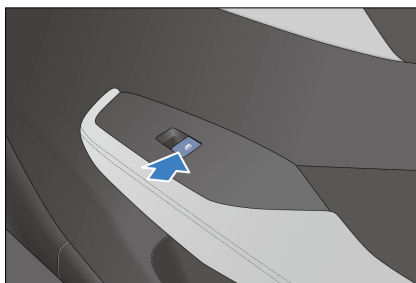
Unlocking



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

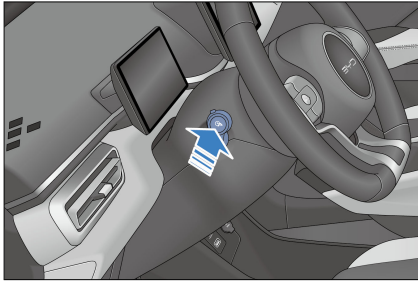
Side windows

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



Odometer Toggle Switch

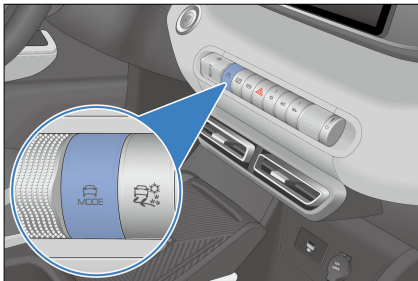
- Press the "ODO/TRIP" button to switch ODO -- TRIP A -- TRIP B -- ODO. The instrument cluster simultaneously displays all corresponding mileages.
- Press and hold TRIP A and TRIP B to reset the mileage to zero.



Driver Assistance Switches

Mode Switch Group

Roll the roller switch to the eco/normal/sport modes.



Snow Mode Switch

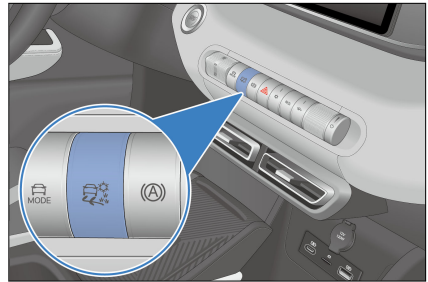
- Roll the roller switch up to activate this mode. Roll the roller switch down to exit this mode.
- This mode is recommended for firm roads covered with a layer of loose and slippery substances such as grass, snow, ice, or gravel.

- The traction, driving and handling characteristics under wet and slippery conditions are optimized in this mode. Whether to press the accelerator pedal needs to be considered carefully.



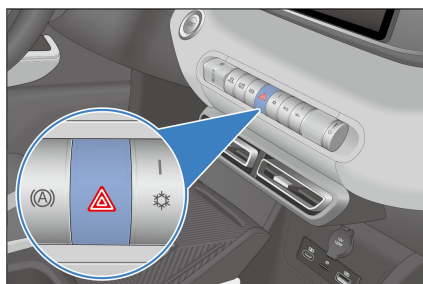
CAUTION

- If the motor performance is degraded under soft snow conditions due to the activation of dynamic stability control, it may be useful to turn off the ESC system. When the difficulty is overcome, the ESC system must be restarted.
- The maximum speed of ECO mode and snow mode is 100km/h. Please do not switch ECO mode and snow mode when the speed exceeds 100km/h.

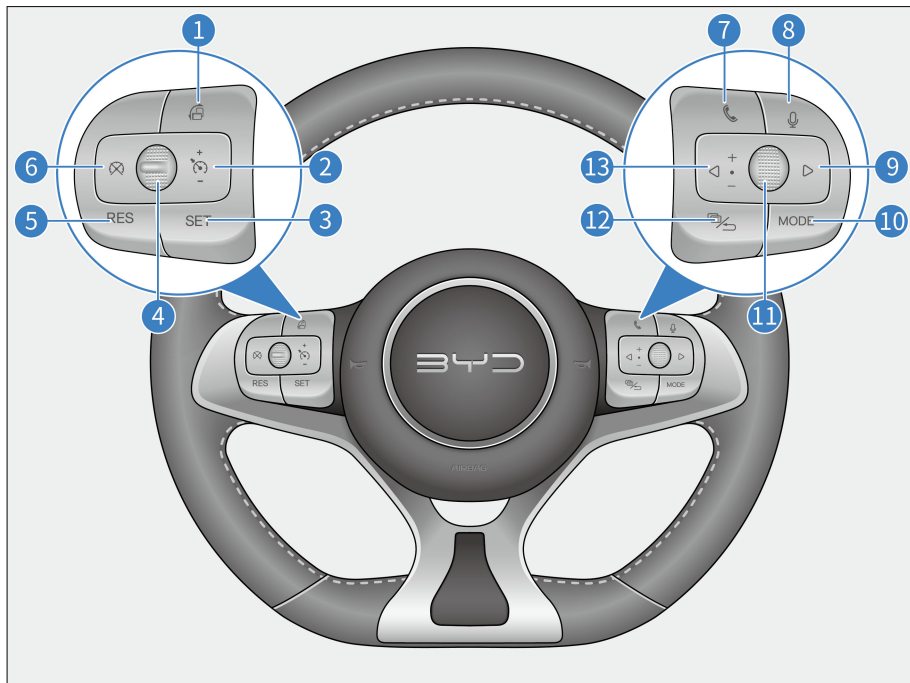


Hazard Warning Light Switch

Roll the roller switch up or down  , all turn signals start to flash, and the turn signal indicator on the instrument cluster flashes synchronously. Roll it again  to stop flashing.



Steering Wheel Switch Group



Left buttons

Custom button*

- If the custom button is not customized, press this button to activate the default function: Rotating the multimedia touchscreen. Press and hold this button to display the customization interface. Customized functions include the rotating infotainment touchscreen, radio, music and air conditioning functions*.

- 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.

Cruise control switch*

Turn on or off the cruise control system.

Pull lever *

- +

- Pull up the lever and press this button to increase at a certain speed; Press and hold it to continuously increase the speed.
- -
- Pull down the lever and press this button to decrease at a certain speed; Press and hold it to continuously decrease the speed.

"Reset" button*

Press this button to restore the stored speed before the last cruise exit.

"Set" button*

Set the current speed to the target cruise speed.

Cancel button*

- Deactivate cruise system and the system turns to standby status.



REMINDER

- See detailed information about cruise function, please refer to **P**.

Right buttons

Phone button

- Press to make/receive a call. (The infotainment system is muted after pressing this button.)
- When the system is in a Bluetooth unrelated interface and Bluetooth is disconnected, press this button for the system to skip to the Bluetooth Connected interface. If Bluetooth is connected, press this button for the system to skip to the main dialing interface.
- When a number is input in the dialing interface, or an entry from the Call History or Contacts is selected, press this button to start dialing.

- While under the main dialing interface with Bluetooth connected and no number input, press this button for the system to directly skip to the Outgoing Calls interface under the Call History interface. Press it again for the system to automatically call the first entry in the Outgoing Calls interface.

Voice recognition

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

Left/Right buttons

Infotainment system

- In radio mode:
 - Press  to play the previous radio station.
 - Press  to play the next radio station.
- In USB/Bluetooth music/third-party music APP and other modes:
 - Press  to play the previous track (track number -1).
 - Press  to select the previous entry in the Bluetooth Call History and Contacts interfaces.
 - Press  to play the next track (track number +1).
 - Press  to select the previous entry in the Bluetooth Call History and Contacts interfaces.

Instrument cluster

- In instrument cluster menu mode:

- Press  to switch it to a left menu and its submenus.
- Press  to switch it to a right menu and its submenus.

Scroll button

Infotainment system

- Roll up the roller: increase the volume in a single step until the maximum volume (12 gears in a circle).
- Roll down the roller: decrease the volume in a single step until the minimum volume (12 gears in a circle).
- Press the roller downward: mute function.

Instrument cluster

- Roll up the roller:
 - Select the secondary/tertiary menu items upward in the instrument cluster menu mode.
- Roll down the roller:
 - Select the secondary/tertiary menu items downward in the instrument cluster menu mode.
- Press the roller:
 - In the instrument cluster menu mode, enter the menu next to the current option or confirm the current setting.

“MODE” Button

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

Instrument cluster menu/return button

- When the instrument cluster is not in menu mode, press this button to

display the menu on the instrument cluster.

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

Horn Button

Press the horn button area, and the horn honks. After letting go, the horn stops honking.



CAUTION

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

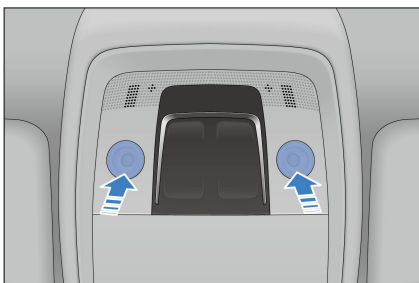


REMINDER

- Observe the traffic laws and use the horn properly.

Interior Light Switch

In any power mode, turn on front interior lights by touching their covers.



REMINDER

- When the vehicle is powered on any gear and the "DOOR" switch is turned on, the interior light switches from high to low light if this switch is pressed with the door open.
- 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.

04

USING AND DRIVING

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Charging/ Discharging

Charging Instructions

- The charging equipment is a high-voltage electrical device. Minors are prohibited to charge or touch it. Keep minors away from the vehicle when charging.
- Charging may affect medical or implanted electronic devices. Consult the device manufacturer before charging.
- Charge the vehicle in a safe environment (away from liquid, fire, or heat sources).
 - When charging in rain, please protect the charging device from water ingress.
- Before charging:
 - Ensure that power supply equipment, charging connector, charge port, and charging connection device are free of defects, such as cable wear, rusted ports, cracked casings, or foreign objects in the ports.
 - Do not charge the vehicle when the charging connector's or port's plug, socket, or metal terminals are loose or damaged by rust or corrosion.
 - When there is obvious staining or moisture on the charger/charging port and the power plug/outlet, please wipe it with a dry, clean cloth to ensure that the joint is dry and clean.
- 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.
- Ensure that your hands are properly dry before charging.
- If anything abnormal is found in the vehicle or charging equipment when charging, stop immediately and contact a BYD authorized dealer or service provider.
- Always observe the following charging precautions to prevent damage to the vehicle:
 - Do not shake the charging connector, otherwise the vehicle charge port may be damaged.
 - Do not charge the vehicle in thunderstorm weather, as a lightning strike may cause damage to the vehicle.
- Do not open the hood for maintenance while charging.
- After charging, do not disconnect the charging equipment with wet hands or while standing on any wet surface.
 - Before driving, check that the charging equipment is disconnected from the charge port .

Charging Precautions

- When the SOC bar on the instrument cluster or the multimedia turns red, the high-voltage battery is about to be exhausted. Please charge it immediately, otherwise the service life of the high-voltage battery will be reduced.
- Household portable AC charging refers to charging with an AC charging adapter (referred to as 3-7 connector) equipped on the vehicle. It is

- recommended to use 220V - 250 V AC (the certain figure can be referred to the description of portable AC charging equipment for home use) dedicated AC lines and power sockets to avoid line damage and any trips due to high-power charging, which can negatively affect other equipment.
- Precautions for avoiding damage to charging equipment:
 - Do not hit the charging equipment, and prevent mechanical damage due to falling or collision.
 - Do not place the charging equipment near heaters or other heat sources.
 - Before charging:
 - Make sure that the charging connector and charge port are free of foreign objects, and that the protective cap of the charging connector terminal does not get loose or deformed.
 - Hold the charging connector with one hand, align the connector with the charge port and push it in, making sure that they are properly connected.
 - When charging is complete:
 - Stop charging first and make sure the charge port is unlocked.
 - Hold the charger (the charger of European standard with no buttons), press the button on it and pull it out.
 - Do not force the charging connector out while the charge port is locked, otherwise the charge port may be damaged.
 - 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.
 - The vehicle should be parked in a ventilated area, and there should not be any occupant inside when charging.
 - The vehicle system automatically stops charging when the high-voltage battery is fully charged, because the charging port is equipped with electronic lock. Unplug the charging plug after the unlocking.
 - When DC charging is finished, turn off the charging pile and then disconnect the charging post. When household portable AC charging is charged, disconnect the vehicle charging connector and then disconnect the power plug at the power supply end.
 - When charging is complete and the charging connector is unplugged, make sure that the charge port's cap and door are closed, otherwise water or foreign materials may enter the port and affect its normal use.
 - Before starting the vehicle, make sure that the charging equipment has been disconnected. If the charging equipment locking mechanism is not fully engaged, the vehicle may be able to run in gear, resulting in damage to both the charging equipment and the vehicle.
 - 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 phenomena.
 - In the event of low-temperature DC charging under a high SOC, the charging current is low due to the low-temperature characteristics of the battery. Therefore, at a low

battery mode, it is recommended to charge the vehicle under a low SOC to improve the charging speed.

- In cold regions, it is recommended to charge the vehicle indoors with heating.
- A/C turned on during low temperature charging can affect the performance of battery temperature control system and charging performance.
- 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.
- Before charging is completed, battery equalization is activated to improve the service life, which may prolong the charging time.
- In case of high-temperature high-power DC charging, the performance of battery temperature control system may be affected by the A/C in the passenger compartment, and the charging performance may degrade, resulting in an extended charging time. To ensure charging efficiency, it is recommended to keep the A/C off during charging.
- When the heating or cooling function is enabled during charging, it is normal that both charging time and power consumption increase slightly.
- During charging, battery cooling may start, and the compressor, fan and other components work when

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

- During charging, the estimated remaining time to full charge is displayed on the instrument cluster or the multimedia. The remaining time for a full charge may vary depending on such different conditions as temperature, SOC, and charging facilities. It is normal for the instrument cluster to display "Calculating" before charging ends.
- If the charging port hatch and charger are frozen, do not forcibly open the charging port hatch.



REMINDER

- Do not open the charge port hatch forcibly when it is locked.
- Do not forcibly insert the charging connector with the electrical lock locked.
- When the charge port cap is fully open, do not close the charge port hatch.
- When the vehicle is charged with an external power supply, it is normal that the cooling fan and A/C compressor may operate automatically in order for the power battery to heat up or cool down.

General Charging Fault Diagnosis

Fault state	Possible causes	Solutions
Charging unavailable: with physical connection completed	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.

and charging started	Excessive discharge of the 12V Battery	Connect the plug with a 12V power supplied from other vehicles. After the vehicle is started, the low-voltage battery starts to be charged.
	Standard single-phase, two-pole, grounded receptable has no power.	Confirm whether the overload protection of the power supply has been triggered. Please use the specific charging power supply standard single-phase two-pole with grounding socket.
	Fault of vehicle or AC charging adapter	If powertrain fault warning light on the instrument cluster is on or charging system fault message is displayed, stop charging immediately and contact a BYD authorized dealer or service provider.
	When the temperature of high-voltage battery below or above a certain temperature	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 are 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, the charging will be started automatically.
	High-voltage battery overtemperature	When the temperature warning indicator on the instrument cluster lights on, the charging stops automatically. Then 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

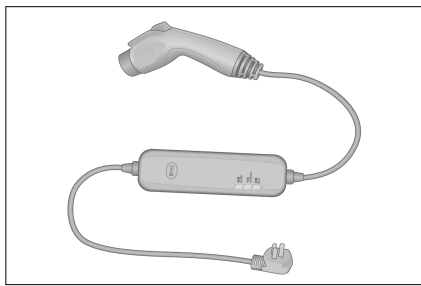
- Check before charging:
 - Check the charging device for abnormalities such as cracked housing, worn cable, rusted plug, or foreign materials.
 - Do not charge when the charging connection becomes loose.
 - Make sure the port is clear of fluids or foreign objects, and its metal terminals are not rusty 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

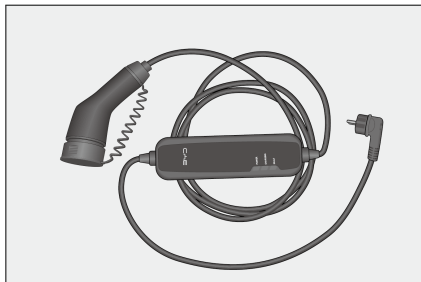
1. Equipment description

- Connect the vehicle and the household single-phase two-stage ground socket for charging.
- The power socket shall be a household socket conforming to relevant national standards to avoid circuit damage and tripping caused by high-power charging, so as not to affect the normal use of other equipment.

Chinese standard*



European standard



- It consists of a power plug (complying with National standards), charger, plug/charger protection cover, a connecting cable, referred to as 3-to-7 adapter. The power plug is connected to the standard household power socket, and the charger is connected to the charging port of the vehicle. (The figure is for reference only.)

- Equipment specifications: 250V AC 50Hz/60Hz 15A (Chinese standard charging port plus Type B plug applies to the areas of Mexico, Dominica, Panama, Bahamas, Costa Rica and Curacao.)

220V AC 50Hz/60Hz 10A (European standard charging port plus Type B plug applies to the areas of Columbia, Ecuador, Bolivia, Guatemala, Nicaragua, Peru, Paraguay and Jamaica.)

250V AC 50Hz 10A (European standard charging port plus Type L plug applies to the area of Chile.)

250V AC 60Hz 10A (European standard charging port plus Type N plug applies to the area of Brazil.)

230V AC 50Hz 10A (European standard charging port plus Type F plug applies to the area of Uruguay.)

- 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 is provided with a GND wire connecting the GND point of the equipment and the power plug. The power plug must be



REMINDER

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



CAUTION

- 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.
- Do not modify, disassemble, or repair the charging equipment and ports.
- Additional wires or adapters/connectors are not recommended. If additional adapters are necessary, select the appropriate wire diameter (≥ 1.5 square millimeter), and the



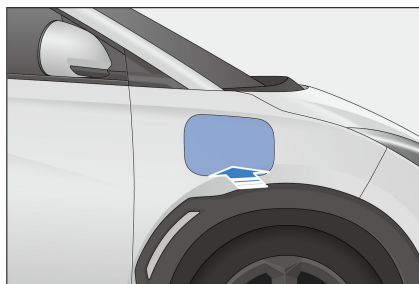
WARNING

adapter parameters should meet the requirements.

- Do not use the charging equipment when the household power socket cable gets softened and the charger is damaged, like worn cables and broken insulating layers.
- Do not use the equipment when the charging connector or power socket experiences a breakage, crack or other exposed damage.
- To prevent the charging port cover from malfunction, do not open and close the cover repeatedly.

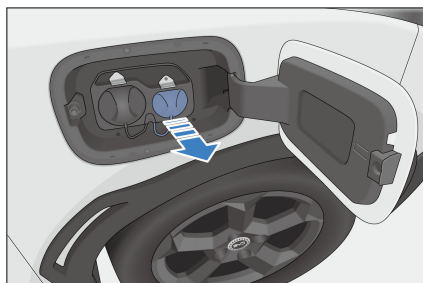
2. Charging Instructions

- With the vehicle powered off:
- Unlock the vehicle and press the charging port cover to open it automatically.

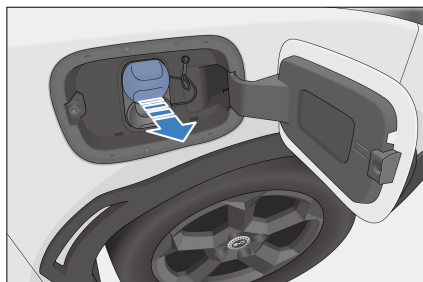


- Open the caps for the charger and the socket, and make sure that the ends of them are free of obstructions. (European standard vehicles are special: For AC charging, only the upper charging port plug can be removed, and the lower plug can be kept in a blocked state).

Chinese standard*

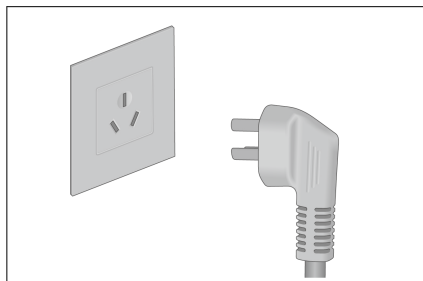


European standard

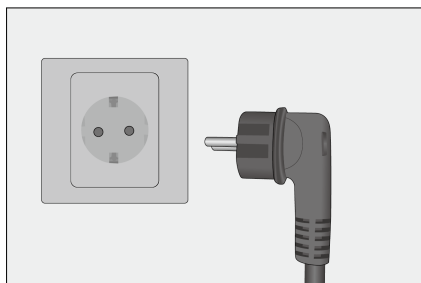


- Connect the power supply port:
- Plug the 3-to-7 power supply plug into the household socket, the indicator is red and continue to light.

Chinese standard*

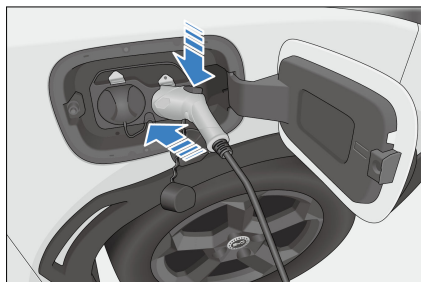


European standard

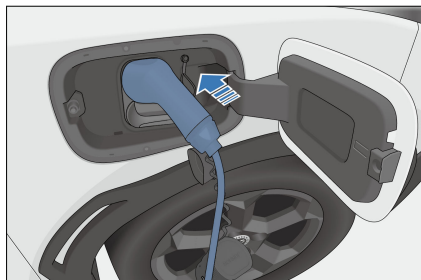


Chinese standard*

- Connect the vehicle charging port:
- Press the mechanical lock button on the charger (the European standard charger without the button), insert the charger into the socket and release the lock button.
- Once the charger is connected properly, the charging connection indicator on the instrument cluster or infotainment goes on. The charging indicator of the 3-7 connector will flash (green).



European standard



! REMINDER

- Do not forcibly attempt to insert the charger when the electric lock is locked.
- In the charging process, the instrument cluster displays relevant charging parameters and the charging sign.
- Reservation charging can be set from the infotainment  → New Energy → Charging Setting.
- During charging, the estimated remaining time to full charge is displayed on the instrument cluster or the multimedia. 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.

3. Instructions for Stopping Charging

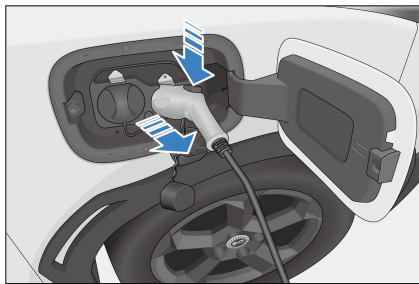
- Stop charging:
 - When the vehicle is fully charged, charging stops automatically.
 - To stop charging in advance, go to the next step.

- Disconnect the charger from the charging port:

Chinese standard* charging equipment:

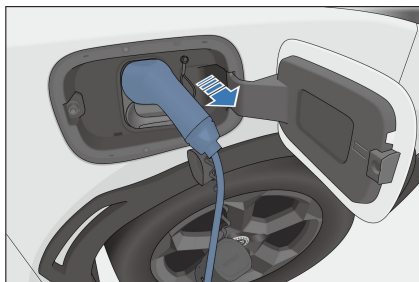
- If the anti-theft mode of the electrical lock is deactivated, directly press the mechanical button of the charging connector and pull out the charging connector.

- If the anti-theft lock is active, press the unlock button on the key or press the door handle microswitch (when the key is nearby), then press the mechanical button on the charger and pull it out.



European standard charging equipment:

- Press the unlock button on the key or the microswitch on the door handle (when the key is nearby), and pull out the charger.



! REMINDER

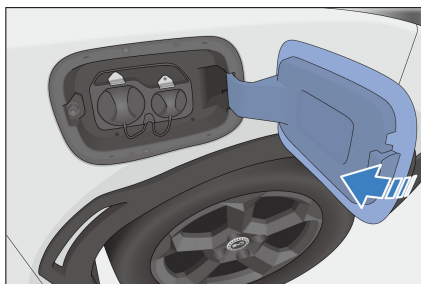
- To unlock the vehicle, press the unlocking button on the key (during charging in the OFF gear) or the microswitch on the door handle (when the key is nearby).
- When the charging port anti-theft lock is activated, please unlock the vehicle first to unlock this anti-theft lock, and then pull the charger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

! REMINDER

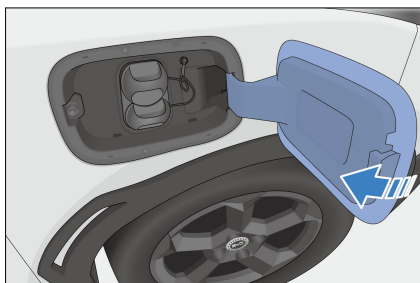
- Activate the anti-theft lock on the infotainment touchscreen 
→New Energy →Charging Setting, as detailed in "Charge Port Anti-theft Lock" in this chapter.
- If the charging connector cannot be removed after unlocking, try a few more unlocking attempts. If that does not work, try emergency unlocking. For the operating procedure, see "Charging Port Emergency Unlocking" in "Control Function of Charging Port Electric Lock" for details..

- Disconnect the power plug.
- Close the charge port cap and charging port;
- Store the equipment in charging package properly.

Chinese standard*



European standard



! REMINDER

- Do not close the charge port with the charge port cap open.

! WARNING

- Do not drop the 3-7 connector from a height or move it by directly pulling its cable. Take caution during moving and store it in a cool place after use.

Single-phase AC Charging

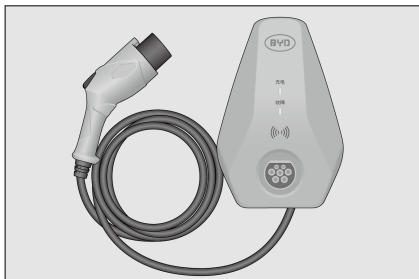
1. Equipment descriptions

Single-phase AC charging box

- Charge the vehicle with the charging box. See the Owner's Manual or relevant instructions for the use of the charging equipment.
- Equipment specifications:
 - Chinese standard charging port with Chinese standard charging box 220V AC 50Hz 32A
 - European standard charging port with European standard charging box 230V AC 50/60Hz 32A
- Single-phase AC charging box: It consists of a charging box, charger, and a connecting cable. See the charging box manual for information about the

circuit breaker and emergency stop switch.

Chinese standard*



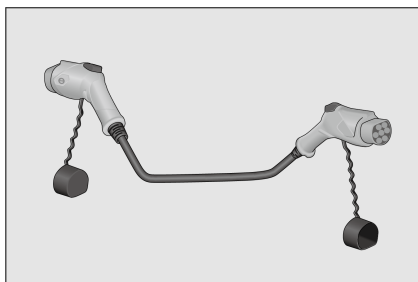
European standard



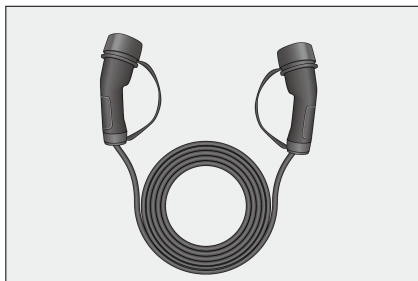
Single-phase AC charging pile*

- Use single-phase AC charging piles in public places to charge the vehicle. Since some charging piles are not equipped with charging connectors, AC charging connectors need to be prepared.
- Equipment specifications: 220V AC 50Hz 32A or 220V AC 50Hz 16A
- AC connection device: It consists of a power plug complying with local standards, charger, plug/charger protection cover, and a connecting cable, which is referred to as a 7-7 connector. The power plug is connected to the power outlet of the charging pile, and the charger is connected to the charging port of the vehicle.

Chinese standard*



European standard



! REMINDER

- Make sure to properly identify the power plug and charging connector to avoid a reverse connection when using the 7-7 connector.
- The 7-7 connector is not provided with the car. If necessary, it is recommended to go to BYD authorized dealer or service provider to buy it yourself.

2. Charging Instructions

Connect the vehicle to an AC charging pile by the 7-7 connector, or connect the vehicle to an AC charging pile/box by the charging connector of this pile/box to begin AC charging.

Instant charging method:

- Unlock the charging port hatch switch, and open the charging port hatch and protection cover (European standard vehicle need pay attention to the following: When using seven-to-seven for AC charging, only the upper charging port plug can be removed, and the lower plug can be kept in a blocked state).
- Check before charging:
 - Ensure that there are no abnormal conditions 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 case of any situation above, do not perform the charging operation, or it may cause a short circuit or electric shock, resulting in personal injury.
- Connect the power supply port:
 - This step is not required if the charging box of the vehicle is used to charge the vehicle.
 - Skip this step if the AC charging pile equipped with a charger is used.
 - If a single-phase AC charging pile is used and the charging pile is not equipped with a charger, it is necessary to use a 7-7 connector. When using it, connect the power plug to the power outlet on the charging pile.
- Connect the vehicle charging port:
 - Insert the charger of the charging device into the charging port, and lock it reliably.
- Charging settings:
 - This step can be skipped for a singlephase AC charging box or an AC charging pile without setting options in public places.
 - For AC charging pile/box subject to authentication, swipe the card or scan the QR code. For details, see the user manual for charging pile/box.
- Instrument cluster or multimedia charging connection indicator light  lights up.
- In the charging process, the instrument cluster displays relevant charging parameters and the charging sign.
 - Reservation charging can be set from the multimedia (refer to "Reservation Charging").

3. Instructions for Stopping Charging

- Stop charging:
 - The charging is stopped automatically when the charging equipment is set to stop charging in advance or when the vehicle is fully charged.
- Disconnect the charge port:
 - Disconnect the charging port by following the relevant procedures for Household Portable AC Charging.
- Disconnect the power plug.
 - If a 7-7 connector is used, it is recommended to pull out the charger first and then disconnect the power plug.
 - This step is not required if the charging box is used to charge the vehicle.
 - Skip this step if the AC charging pile equipped with a charger is used.
- Close the AC charging port plug cover and the vehicle charging port cover (European standard vehicle need pay

attention to the following: Close the charge port cap).

- Store the equipment properly.
 - Place the charger at the designated position in the AC charging pile/box (if used).
 - Put the 7-7 connector (if used) in order.

Using DC Chargers

1. Equipment descriptions

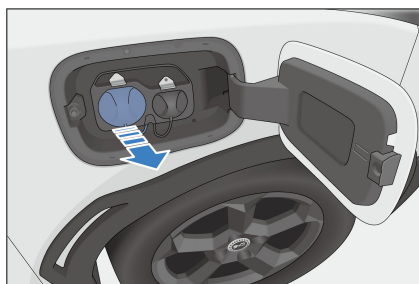
- Charge the vehicle with DC charging piles in public places, which are generally installed in specific charging stations.
- Equipment specifications: Please view the relevant charging pile instructions.
- Charging time: refer to the charging time prompt on the instrument cluster.

2. Charging Instructions

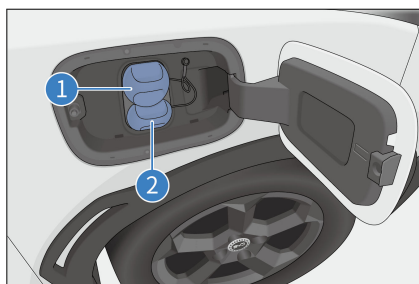
Connect the vehicle to a DC charging pile by the charging connector of this pile to begin DC charging.

- Unlock the charging port hatch switch and open the charging port hatch and protection cover (European standard vehicle need pay attention to the following: When opening the charging port plug cover, it is necessary to take off the upper plug cover first, and then take off the lower plug cover)
- Connect the vehicle charging port:
 - Connect the charging connector of the charging pile to the charge port, and lock it securely in place.
- Operate the charging equipment to start charging.

Chinese standard*



European standard



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

3. Instructions for Stopping Charging

- Stop charging:
 - The charging pile stops charging automatically when it is set to stop charging in advance or when the charging is finished.
 - During the charging process, pressing unlock button of the key or the central control switch twice in three seconds will automatically end the charging. (Applicable to vehicles with European standard charging configuration only)
- Disconnect the charger from the charging port:

- Press the mechanical lock button on the DC charger (the European standard charger without the button) and pull out the charger.
- After the DC charging of charger is finished, arrange the charging equipment and place it properly, and put the charger in the designated position of the charging pile.
- Close the DC charging port plug cover and the vehicle charging port cover (European standard vehicles need to pay attention to the following: When the charging port plug cover is closed, it is necessary to insert the lower plug cover first, and then insert the upper plug cover).

REMINDER

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

CAUTION

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

WARNING

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

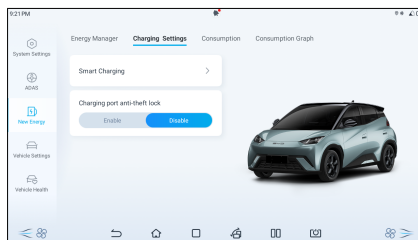
Charge Port Anti-theft Lock

- The charging port of the vehicle has an anti-theft function to prevent theft.

This function is deactivated by default. To set up the control function, go to

 (infotainment system) → New

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



- During the charging process, whether anti-theft is activated or deactivated, the charger will be in a locked state. In the "Deactivate Mode", users can press the button to unlock the charger. In the Activate Mode, users can unlock and unplug the charger in the following ways during charging:
 - Press the unlock button on the smart key when the vehicle is powered off.
 - Press the microswitch next to the exterior door handle of the driver's door (Keys are close to the vehicle).
 - Press the central door lock below the window inside the driver's door.
- When the vehicle is fully charged, 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.

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

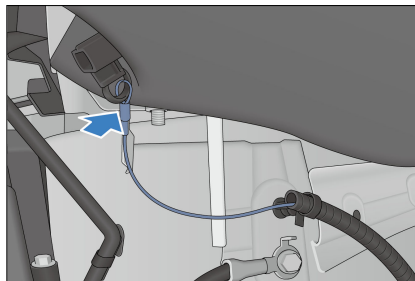
- As shown in the table above, if the vehicle is in the state 2/3/4, users can unlock and unplug the charger by pressing the charger button in addition to the above unlocking operations. However, this operation, as an emergency operation, may affect the service life of the charging port or charger and thus is not recommended to be performed frequently.

CAUTION

- After unlocking the charging connector, it can be pulled out within 30 seconds. After 30 seconds, it will lock again.

Emergency unlocking of electric lock of the AC charging port

- When the electric lock fails and the charger cannot be unplugged, try to unplug it by manually unlocking the charge port.
- To open the hood, there are electric locking cables in the front hatch. Pull up the lock cable to unlock the charger.



CAUTION

- The emergency unlocking function is only appropriate for AC charger.

Discharging Equipment

- The vehicle supports the discharging function*: Vehicle To Load Discharging (VTOL*)

REMINDER

- The V2L function is recommended only when SOC is high.
- The V2L function is restricted when the vehicle SOC is low.

CAUTION

- For precautions concerning use of the discharge connection device,

CAUTION

please refer to the precautions for charging equipment included in item 3 of "Charging Precautions".

- Before discharging, please confirm the vehicle SOC and estimate the remaining driving range.
- Before V2L discharging, ensure that the load is turned off.

WARNING

- It is forbidden to contact the discharge plug, the discharge socket in the vehicle or the metal terminal of the vehicle charging port during discharge.
- Stop discharging immediately if there are any abnormalities such as peculiar smell and smoke.
- For the discharging safety warnings, refer to the Charging Safety Warnings stated in the Charging Instructions.
- 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.
- Never use the charging equipment if the power strip cable becomes soft, the charging connector cable is worn out, the insulation layer

WARNING

is cracked, or any other damage occurs.

- Do not use the equipment when the discharging connector or power strip experiences a breakage, crack or other exposed damage.

VTOL Method*

1. Equipment descriptions

Chinese standard*

- VTOL equipment:



- Equipment specifications:

250V AC 50Hz/60Hz 15A (Chinese standard charging port plus Type B plug applies to the areas of Mexico, Dominica, Panama, Bahamas, Costa Rica and Curacao.)

250V AC 50Hz/60Hz 15A (European standard charging port plus Type B plug applies to the areas of Columbia, Ecuador, Bolivia, Guatemala, Nicaragua, Peru, Paraguay and Jamaica.)

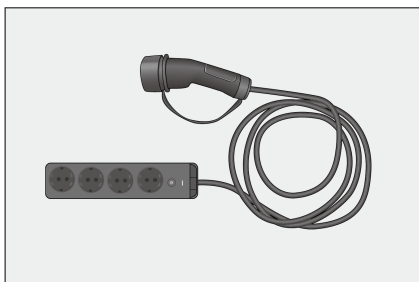
250V AC 50Hz 10A (European standard charging port plus Type L plug applies to the area of Chile.)

250V AC 60Hz 10A (European standard charging port plus Type N plug applies to the area of Brazil.)

250V AC 50Hz 16A (European standard charging port plus Type F plug applies to the area of Uruguay.)

European standard

- The Vehicle To Load (VTOL) is made possible through the VTOL equipment with a maximum discharging power of 2.2 kW.

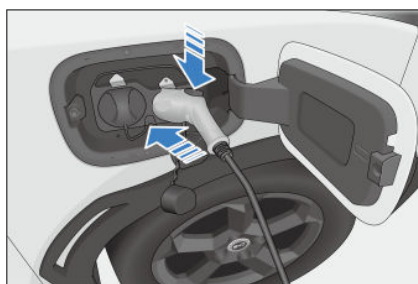


2. Discharging Instructions

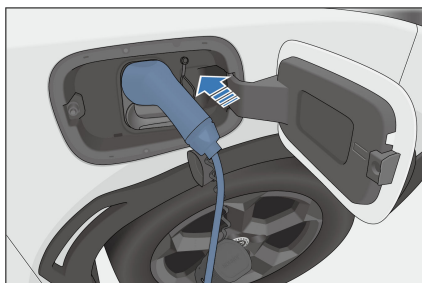
- Before discharging, deactivate the anti-theft function.
- Unlock the charging port hatch switch and then open the charging port hatch and protection cover (European standard vehicle need pay attention to the following: when connecting the VTOL equipment, only remove the upper plug cover of the charging port and keep the lower plug cover closed to prevent the lower plug cover from plugging water under water conditions during discharging.)
- Inspection before discharging:
 - Ensure that the battery capacity of the vehicle to be discharged is not below 15%.
 - Ensure the VTOL adapter is free of any abnormalities such as shell rupture, plug rust or foreign materials.

- 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 any of these cases, do not charge. Otherwise, personal injury may occur due to short circuit or electric shock.
- Connect the VTOL equipment:
 - Connect the VTOL discharger into the charging port firstly, then insert the external plug into the discharging outlet (Be sure the external plug is safety positioned and the head face of plug is in contact with the head face of outlet). At this moment the outlet indicator stays on in red, it indicates that the outlet can be used.
 - When using the discharging strip, press the switch on the discharging outlet and wait for a few seconds. If the outlet indicator stays on in red, it indicates that the outlet can be used.

Chinese standard*

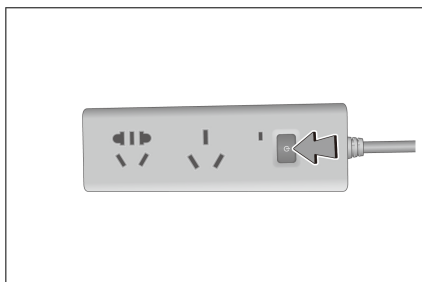


European standard

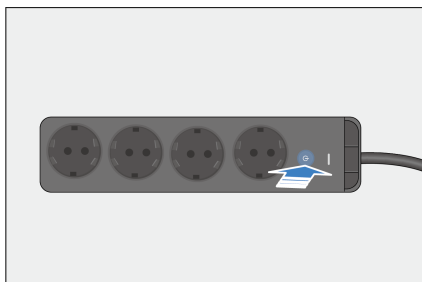


- Start discharging:
 - After the connection is made, discharge begins and respective information is displayed on the instrument cluster.

Chinese standard (discharging strip-strip terminal)*



European standard (discharging strip-strip terminal)

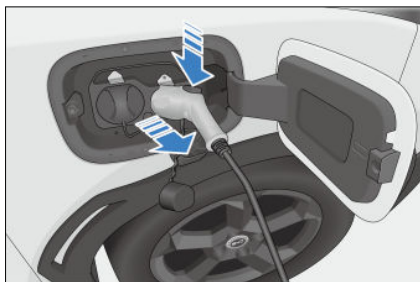


3. Instructions for Stopping Discharging

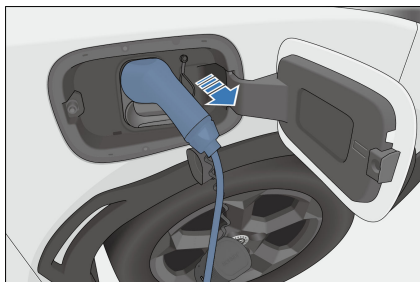
- Stop discharging:
 - Disconnect the load.

- Disconnect the discharging equipment:
 - Pull out the discharging equipment.
 - Close the charge port cap and door (refer to **P**).
- Put the equipment in order:
 - After discharging, put the VTOL equipment into the storage box in the trunk.

Chinese standard (discharging plug)*



European standard (discharging plug)



Battery

High-Voltage Battery

- The vehicle is powered by a high-voltage battery that can be charged and discharged repeatedly. The high-voltage battery is charged by an external power source or through

energy recovery when the vehicle brakes or coasts.

- The high-voltage battery is located vehicle's chassis, so be careful to avoid bumping when driving on bumpy or uneven roads.

Battery Properties

- It is normal that vehicle performance is affected by battery electrochemical properties and self-protection and varies to some extent in the following conditions:
 - When the high-voltage battery SOC is high, the vehicle's regenerative braking performance is weakened.
 - The vehicle switches to trickle charging mode at high SOC. If the charging time is prolonged, the estimated remaining charging time displayed on the instrument cluster may not be accurate.
 - When SOC is low, the acceleration performance may decline.
 - When the high-voltage battery SOC is low, VTOL* cannot be used normally. Please charge the battery as soon as possible.
 - It is normal for the charging/ discharging capacity of the high-voltage battery to decrease and for the charging time to extend at high or low temperatures. Power performance may also decline under extreme temperatures.
 - When the high-voltage battery is charged at a low temperature, the temperature control system can greatly improve the battery charging efficiency. For instructions on low-temperature charging, please refer to the precautions for charging.
 - When the vehicle is used at low temperatures, the battery's temperature control system will start heating the battery as appropriate to ensure the driving power and discharging performance and improve your driving experience. When the vehicle is driven over short distances, heating may be ineffective, which increases power consumption and decreases driving range.
- When the high-voltage battery is normal, the driving range of the vehicle varies with the following factors:
 - Driving habit: For example, the range in frequent acceleration or deceleration is shorter than that at constant speeds, and the range is shorter when driving at high speeds than when at low speeds.
 - Road conditions: For example, the range driven in rough conditions or on long slopes is shorter than that in normal conditions and on even roads.
 - Air temperature: The driving range at low temperatures is shorter than that at ambient temperatures.
 - Use of electric equipment: For example, the range driven with A/C on is shorter than that with A/C off.
 - Available power of the high-voltage battery is lower in cold weather and reduces as the temperature decreases. When the vehicle is parked at high power and charged in low temperature environment, the SOC may jump to 100%.
 - The available battery capacity decreases as the vehicle is used over time.

Battery Usage Tips

- It is recommended to use the vehicle at temperatures between -10°C to 40°C. When SOC is low, timely charge the

vehicle to ensure enough driving range and good acceleration performance.

- To ensure long term performance, avoid driving in extreme temperatures for over 24 hours.
- In low ambient temperatures, if the vehicle must be stored for a long time, it can be placed in an underground garage or other warmer area to reduce loss of battery heat, maintaining vehicle performance.
- Frequent and sudden acceleration or deceleration should be avoided. Drive the vehicle on flat and dry roads. When necessary, turn off high-power equipment such as A/C or adjust the A/C temperature to reduce power consumption of such devices and increase the driving range.
- Low-power charging contributes to the service life of high-voltage battery.
- When the vehicle is used for the first time or after a long idle period, the SOC displayed on the instrument cluster may not be correct. It is recommended to fully charge the vehicle first.
- It is recommended to fully charge the vehicle at a regular basis (at least once a week), and fully charge it from low battery (SOC <10%) once every three to six months.
- Under extreme working conditions (such as frequent sudden acceleration/ deceleration) that cause battery overheating, if the temperature of high-voltage battery is excessively high, it is normal for discharging capability to decrease gradually. If the battery temperature keeps rising, the fault warning light lights up on the instrument cluster. In that case, it is recommended to contact a BYD authorized dealer or service provider.

- When the battery SOC increases or decreases abnormally, it is recommended to contact a BYD authorized dealer or service provider for inspection.

WARNING

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

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

CAUTION

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

**CAUTION**

- When the vehicle is not to be operated for an extended period (over seven days), it is recommended that the battery SOC should be kept at 40%-60% to prolong its service life. When the vehicle is not to be operated for over three months, the high-voltage battery must be fully charged and then discharged to 40%-60% every three months. Otherwise, over-discharge may lead to battery performance degradation or even damage. Any vehicle fault or damage so caused will not be warranted.
- If there is a collision with the high-voltage battery, contact a BYD authorized dealer or service provider immediately for maintenance.
- Do not add battery coolant* by users themselves. If needed, please contact a BYD authorized dealer or service provider.

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**

- Owners of new energy vehicles have the responsibility and obligation to hand over waste power batteries to service outlets. 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 (12 V)

Open the front hatch cover and you can see the two poles of the lead-acid battery belt, namely the positive pole ("+") and the negative pole ("-").

- In order to avoid power loss of lead-acid low-voltage battery, the "intelligent charging" function will be triggered actively when the conditions (the power supply gear of the whole vehicle is in "OFF" gear, the power battery is allowed to discharge, and the power of lead-acid battery is lower than the design value) are met.
- If the lead-acid battery voltage is too low, it may not be used as a low-voltage power supply for the whole vehicle. Please contact a BYD authorized dealer or service provider for maintenance..
- Check battery conditions and terminal corrosion monthly. If the pole is corroded to a certain extent, the negative pole of the battery should be disconnected, and the surface of the pole should be coated with baking soda water, which will generate bubbles and gradually turn brown. After no bubbles appear, wash it with clear water and dry it with a cloth.

Finally, grease is applied on the surface of the pole to prevent corrosion.

- If the joint connection is loose, tighten the nuts of the clips-but not too tightly. Tighten the press to hold the lead-acid battery in its position. Excessive tightening will damage the lead-acid battery box.

REMINDER

- When the vehicle is powered off for smart charging, it makes such a normal sound as when the vehicle is powered on.
- Do not conduct vehicle repairs during the time of intelligent charging.
- Make sure that all electrical equipment is turned off and the doors are closed when leaving the vehicle.
- If the vehicle needs to be left for a long period of time, disconnect the negative cable by yourself.

CAUTION

- For checking the lead-acid battery, first remove the ground cable from the negative ("–") connector. After check, finally install it.
- When cleaning the lead-acid battery, take care to prevent the liquid from entering the battery.

WARNING

- Unauthorized removal and repair of low-voltage batteries (12V) are not allowed for the corrosive solutions inside. This will prevent damage to batteries or injuries.

WARNING

- Units or individuals will bear corresponding responsibilities for environmental pollution or safety accidents caused by unauthorized removal and disassembly of the batteries.
- The low-voltage battery (12 V) can produce flammable and explosive hydrogen gas. Do not make the batteries generate sparks when using the tools. Smoking and fire-lighting nearby the batteries are not allowed.
- Keep the electrolyte away from your skin, eyes, and clothes. If the fluid contacts the skin or eyes, flush the skin with plenty of baking soda water and flush the eyes with water before seeking medical advice.
- Do not drink the electrolyte.
- Keep the children away from the low-voltage battery (12 V).

Smart Charging Function

When the high-voltage battery is sufficient and the 12V battery SOC is too low, it will actively trigger the high-voltage function, and the battery can be replenished by the high-voltage battery.

REMINDER

- The smart charging function may activate if the vehicle is parked for a prolonged period. It is normal for the fan in the front compartment to activate. This is not indicative of any vehicle malfunction.
- The smart charging process draws power from the high-voltage



REMINDER

battery pack, so it is normal for SOC to decrease during this process. This is not indicative of any vehicle malfunction.

Usage Guidelines

Break-in Period

- If the powertrain is difficult to start or stops rotating frequently, check the vehicle immediately.
- In case of any abnormal noise in the powertrain, pull over the vehicle for inspection.
- In case of serious coolant and lubricating oil leakage in the powertrain, pull over the vehicle for inspection.
- 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.
 - Do not drive fast or slow at a single speed for a long time.

Suggestions for Vehicle Use

In order to delay the battery life, the following recommendations are available:

- Before the vehicle is used for the first time, it is recommended to do a full charge of the vehicle. If the full charge has not been completed after picking up the vehicle, charge the vehicle in time after the power is less than 5% when using it.
- When a vehicle is placed for a long time (more than 7 days), the power must be kept to 40%-60%; otherwise, the service life of the high-voltage battery is shortened.
- When the vehicle is not to be operated for over three months, the high-voltage battery must be fully charged and then discharged to 40%-60% every three months. Otherwise, over-discharge may lead to battery performance degradation or even damage. Any vehicle fault or damage so caused will not be warranted.
- 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.
- To keep the battery at its best, charge it fully with a charging adapter on a regular basis (at least once a week).
- To ensure long-term performance, avoid exposing the vehicle to temperatures greater than 60°C or less than -30°C for more than 24 hours on a continuous basis.
- After an accident, have the seat belts checked at a BYD authorized dealer or service provider.
- Repeated acceleration and rapid deceleration should be avoided as much as possible when the vehicle is in use.
- 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 meter display drops to 0, it must be recharged. If it is not recharged within seven days, it will result in permanent damage to the battery. And the resulting damage to the high-voltage battery pack will not be honored by BYD under the terms of the warranty.
- The range depends on the vehicle's available power, age (current battery life), weather, temperature, road conditions, driving habits, etc. In cold or hot environments, pure electric range is reduced compared to room temperature, and power performance is also affected.

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 handling, performance, braking, durability, economical driving and power consumption.

- Driving safety and comfort totally depend on equipment usage and good driving habits.
- BYD does not provide any guarantee for damage or faults caused by towing for commercial purposes.

Driving Safety Precautions

No driving after drink

Even a small amount of alcohol reduces the reaction capability to different traffic conditions. The more one drinks, the slower he acts to traffic conditions. No driving after drink.

Control the speed of the vehicle

Speeding is the main cause of car crashes. Generally speaking, the faster the speed, the greater the risk. Please keep a safe speed according to the road traffic conditions.

Keeping the vehicle in a safe driving state

Tire blowouts or mechanical failures are extremely dangerous and in order to reduce the possibility of such failures, the condition of the car should be checked frequently and the specified inspection items should be completed regularly.



CAUTION

- Drivers must obtain a driver's license before driving a vehicle.
- Fatigue driving is not allowed.
- Drivers must obey the traffic rules when driving a vehicle.
- When driving, please pay attention to driving. Do not



CAUTION

perform operations unrelated to driving (such as answering and calling, adjusting buttons, etc.).

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

Carrying Luggage in the Passenger Area

- Properly place or fix all articles to prevent them from getting loose and hurting passengers in the vehicle in case of collision.
- Do not store any items on the rear sill plate that will obstruct and interfere with your view and will be thrown around inside the vehicle in the event of a 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 Baggage in the Boot

- Place the baggage evenly on the boot lid, and put the heaviest luggage at the bottom and put it forward as far as possible.
- Secure the articles with ropes or chains to make sure they do not move during driving. Do not stack the articles higher than the seat backrests.

Fire Prevention

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

- Do not place any flammable or explosive materials in the vehicle.
- In hot summer, the interior temperature of the vehicle parked in the sun can be at the range of 60°C-70°C. If there are lighters, cleaning agents, perfume, and other flammable and explosive materials in the vehicle, it is easy to cause fires and even explosions.

- Make sure the cigarette butt is completely extinguished after smoking.
- Smoking is not only harmful to health, but also may cause a fire. Cigarettes that not thoroughly put out may cause a fire.
- Contact a BYD authorized dealer or service provider for regular inspection.
 - Check vehicle wiring, connections, wiring harnesses, insulation, fixed positions regularly. Deal with identified problems promptly.
- Do not modify the vehicle's wiring or install any additional electrical appliances.
 - Installing other electrical appliances (such as high-power audio systems and lights) causes excessive wiring load, resulting in heating of the wiring harness and fires.
 - Improper modification of electrical appliances and wirings causes abnormal heating and fires due to contact resistance. Do not replace fuses with those beyond the rated specification of electrical appliances or with other metal wires.
- Park the vehicle in a proper place.
 - Do not park the vehicle in a place exposed to the sun.
- Always keep portable fire extinguishers on the vehicle and know how to use.
 - To ensure the safety of your vehicle, a fire extinguisher must be placed in the vehicle and it should be inspected and replaced on a regular basis. Be familiar with the use of fire extinguishers, so as to make rapid response to accidents.
- Always disconnect the negative terminal of the low-voltage battery during vehicle repair or maintenance.
- In case of a fire in the vehicle, take effective measures in a timely and calm manner to minimize losses.
 - Generally, there are early signs of a fire, such as abnormal noise and odor in the vehicle body. If any, pull over the vehicle immediately and actively put out the fire with the extinguisher.
 - Dial fire emergency number to notify the authorities 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.

Saving Energy and Extending Vehicle Service Life

- Saving power is simple and easy, and it helps prolong the vehicle's service life.
- Energy saving and cost of repairs saving tips:

1. Regenerative Braking Setting:

- This vehicle has energy recovery function and energy recovery intensity setting function, which can be set in multimedia  → "vehicle setting" → "energy management". When the energy recovery mode is set to a larger gear, it can increase the energy collected during braking and sliding of the vehicle. Please set it according to your driving habits.

2. Maintaining Constant Speed:

- Constant speeds help save energy. Sudden acceleration, sharp turns and emergency braking increase the energy consumption.
- Speeds should be kept constant as much as possible according to traffic conditions. Additional energy is consumed each time when the vehicle speeds up.
- Acceleration should be constantly slow. Avoid the sudden startup, acceleration, or deceleration.
- Prevent emergency braking, and subsequent brake wear, by keeping an appropriate distance from vehicles ahead, and paying attention to traffic lights.
- Do not drive on congested roads as much as possible.
- Keep moderate speeds on motorways. The higher the speed, the higher

the power consumption. Maintaining vehicle speed within the economical speed range can save power.

3. Reduce Load:

- The use of the A/C brings additional load to the motor, resulting in large power consumption. Turn off the A/C to reduce power consumption. In nice weather, it is recommended to use the fresh air mode for ventilation.
- Do not load unnecessary weight on the vehicle. Excessive weights will add the load of vehicle, increasing the power consumption.

4. Other Tips:

- Maintain proper tire pressure. Low tire pressure increases power consumption and tire wear.
- Keep front wheels properly aligned. Avoid driving into curbstones, and drive slowly in rough terrain. Misalignment of the front wheels not only increases tire wear, but also increases load on the powertrain and power consumption.
- Keep the chassis of the vehicle clean and mud free. This reduces vehicle weight and prevents corrosion.



REMINDER

- Do not coast in neutral gear.

Snow Chains

- Snow chains are for emergencies or areas where they are permitted by laws only.
- Snow chains are to be fitted to the front wheels and extra care is required for driving a vehicle fitted with snow chains on icy roads. Some snow chains may damage the tires, wheels, suspension and body

of the vehicle. Therefore, thin anti-skid chains should be selected to provide sufficient free space between the tires and other parts in the wheel cover.

- Please carefully check and read the component assembly drawing and other instructions of the snow chain manufacturer.
- Before purchasing and installing snow chains, consult a BYD authorized dealer or service provider where your vehicle was purchased.
- After snow chains are installed, be sure to travel at a speed below 30 km/h on snow-covered roads.
- In order to minimize wear of 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.
- Tires snow chains should be used symmetrically and remove immediately when not in use.

Starting and Driving

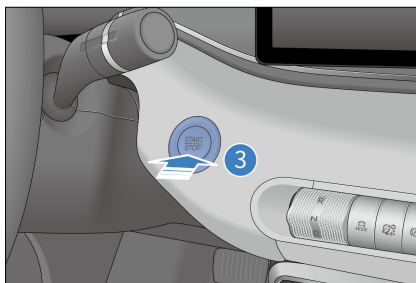
Start the vehicle

In normal cases, start the vehicle as below:

- Engage the parking brake firmly.
- Turn off all unnecessary lights and accessories.
- Place the gearshift lever in the P or N position.
- Carry a valid smart key ①.



- Press the brake pedal ② and START/STOP button ③.
- The vehicle is ready to drive when the OK indicator lights up on the instrument cluster.



The vehicle cannot power on when:

- The vehicle cannot power on when:

- When pressing the Start/Stop button, if the smart key system indicator lights up, the vehicle horn makes a sound, and the information display screen of the instrument cluster displays "No key detected", it indicates that the electronic smart key is not in the vehicle or cannot be detected due to interference.
- Even if the electronic smart key is inside the vehicle, the vehicle may not be started either when the key is on the floor, in the boot, or in the right glovebox.

Starting the vehicle in emergencies when the braking signals are missed or wrong:

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



REMINDER

- Do not touch the power button while driving.

Safety inspection before driving

General exterior inspections of vehicle

- Tire: check the tire pressure and carefully check whether there are cuts, damages, or foreign matters on the tread, and whether the tires are abnormally or excessively worn. In case of excessive wear or eccentric wear, drive the vehicle to a BYD

authorized dealer or service provider for four-wheel alignment and relevant inspection as soon as possible.

- Wheel nuts: Confirm whether nuts are loose or missing.
- Leakage: check underneath the vehicle for leakage of fuel, oil, coolant or other liquids (except water droplets from A/C condensation) after the vehicle stops for a while.
- Lighting: Confirm that headlights, position lights, turn signals, and other lighting facilities all work normally. Check the light intensity of headlights.

General interior inspections of vehicle

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

Inspections inside the hood

- Spare fuses: Verify that spare fuses of all rated charges in the fuse box are available.
- Coolant level: confirm that the coolant level is correct.
- Brake fluid level; confirm that the brake fluid level is correct.
- Low-voltage battery and cables: Check connectors for any corrosion or looseness and any cracks in the battery housing.

Inspections after vehicle startup

- Instrument cluster: Confirm that the maintenance indicator and speedometer work normally.

- Brake: test the vehicle in a safe place to determine whether the vehicle deflects toward any direction during braking.
- Other abnormalities: Check for loose parts, leakage and abnormal noise.

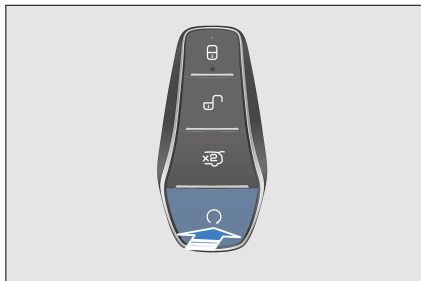
Preparation before driving

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

Remote Start

Remote Start with the Electronic Smart Key

- Press and hold the start/stop button on the smart key to start the vehicle. After the vehicle is started successfully, the turn signals flash 3 times.
- Press and hold the start/stop button on the smart key to start the vehicle. After the vehicle is started successfully, the turn signals flash 2 times.



- If there is no operation within 10 minutes after remote start, the vehicle

stops and powers off, and turn signals flash twice.

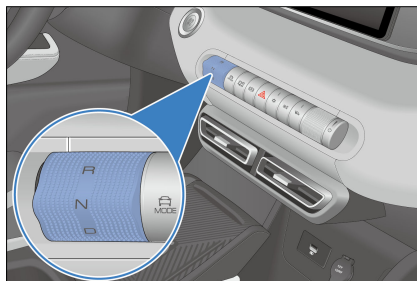
! REMINDER

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

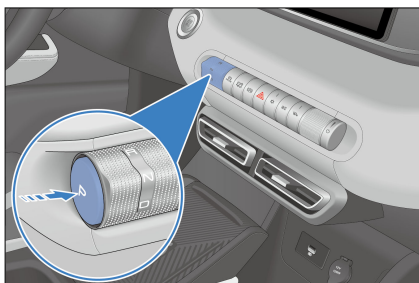
Gear Shift Controls

Gear positions of the transmission are marked on the instrument switch group, as the figure indicates.

- "R": Reverse. Shift to R only after the vehicle stops.
- "N": Neutral., Used for temporary stop. The Parking gear must be engaged whenever the driver leaves the vehicle.



- "D": Drive. This gear is engaged for normal driving.
- "P" This gear shall be engaged before the vehicle is started or after the vehicle is parked. Start the vehicle and press the brake pedal to shift the lever from P to another position.



CAUTION

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

WARNING

- If the motor is shut down, do not move the vehicle after shifting to the "N" gear to avoid accidents due to insufficient braking force.
- If the motor is running and the vehicle is in R/D, be sure to press the brake pedal to stop the vehicle. Because even under idle conditions, the transmission can still transmit power, and the vehicle may move forward slowly.
- During driving, do not press the accelerator pedal while shifting gears to avoid accidents.
- To avoid accidents, do not shift lever to the "R" gear or press the "P" button during driving.
- Do not drive the vehicle down a slope when it is in the "N" gear, even if the 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.

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

CAUTION

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

Engaging EPB Automatically

Engaging EPB automatically when the ignition is switched off

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

Shifting into "P" automatically

- Press and hold the brake pedal to stop the vehicle, and shift to P to automatically engage EPB. Do not release the brake pedal until the corresponding indicator on the instrument cluster stops flashing and stays on with a text prompt displaying "EPB engaged".

CAUTION

- After the trailer mode for EPB is enabled via the infotainment system, EPB will be not activated automatically when the vehicle is in "P" mode or powered off. This function may be used for towing or pushing the vehicle after the vehicle breaks down.
- 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 getting off.

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 instructions and keep depressing the brake pedal throughout the shifting process. Do not release the brake pedal until the gear position shown on the instrument cluster is the target one.
- Within several seconds after the vehicle is started, the EPB system will conduct self-check upon

CAUTION

power-up. In this process, the EPB will not respond to any function.

- 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 or pull and hold the EPB switch for emergency braking.

CAUTION

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

EPB System Indicator

- When the vehicle is powered on, if the EPB is engaged, the indicator (Ⓟ) on the instrument cluster stays on.
- When the vehicle is powered off, if the EPB is engaged, the indicator (Ⓟ) on the instrument cluster lights up for a few seconds and then goes out.
- When the vehicle is powered on, the EPB system performs self-inspection. The indicator (Ⓟ) on the instrument cluster lights up for a few seconds and then goes out. If it does not go out,

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

WARNING

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

Automatic Vehicle Hold (AVH)

Automatic vehicle hold (AVH) is a feature designed to hold the vehicle stationary when it comes to a stop, under conditions such as getting stuck in traffic or waiting at a traffic light. AVH automatically activates when the brake pedal is pressed to stop the vehicle (vehicle speed decreases to zero) on the premise that the conditions for AVH standby state are met.

Press the AVH button to turn AVH on.



CAUTION

- To exit the activated AVH and set it to the standby mode, press the accelerator pedal or shift to P. If the AVH standby state are not met, it will be off.

AVH Standby Preconditions (All Must Be Met)

With the AVH function activated:

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

CAUTION

- The power-on automatic parking function is turned off by default, and enters the standby state, and the instrument displays white lights .

Conditions for AVH function

- The AVH function is standby.
- The brake pedal has been pressed to bring the vehicle to a stop.
- After hard depressing of the brake pedal, the AVH function has been activated and the AVH indicator has turned green.
- The vehicle automatically requests that the EPB be engaged 10 minutes after AVH activation. After the EPB has been engaged, the AVH function returns to standby mode.

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 the gear is shifted from “D” to “R”, the system automatically enters slow-moving condition, in which AVH is deactivated. When the AVH button is pressed or the vehicle speed

CAUTION

exceeds 10 km/h, the system exits the slow-moving condition.

Key Points for Driving

- When driving on the road with curbstone, drive slowly and keep the correct angle as far as possible. Avoid driving on objects with high sharp edges or other road obstacles, which will cause serious tire damage.
- Slow down when driving on bumpy roads or rough roads. Otherwise, the impact may seriously damage the wheel.
- Avoid driving through flooded areas as much as possible.

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 the EPB indicator is off.
- When the vehicle is at the stage of OK, do not get out of it.
- Remember to bring the key when leaving the vehicle.
- 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.

! REMINDER

- To avoid traffic accidents or even life-threatening injuries, make sure no one extends any body part out of any window when the vehicle is running. Stay vigilant, especially when any child is in the vehicle.
- Avoid driving through flooded areas as much as possible.
- Large amounts of water entering the engine compartment can cause damage to the power system and electrical components.

! WARNING

- The driver shall ensure the safety of all passengers in the vehicle, guide them to properly use vehicle features, and prevent misuses by passengers such as children.

Precautions after driving through waterlogged road stretches:

- The depth of water must be ascertained to ensure it will not exceed the lower edge of the vehicle body.
- Before driving through a waterlogged road section, turn off the A/C and shift to a low gear. Then gently press and hold the accelerator pedal to drive through the section at a slow and steady speed.



- Do not park the vehicle in water, or reverse the vehicle and turn off the motor in water.
- Drive carefully as driving through deep water may wet the brakes. Press the braking pedal slightly and make the brake dry.
- 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 any water or mud on the brake disc, it may result in delayed brake reaction and extended braking distance, so attention should be paid to preventing accidents.
- Caution! The ice or water on the brakes must be cleaned.
- Avoid emergency braking as much as possible after driving through waterlogged road stretches.
- 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 motor; otherwise, the motor may be seriously damaged. The resulting vehicle

WARNING

fault and damage may not be covered by the warranty.

- After the vehicle is driven through the waterlogged road stretches, the transmission system, driving system, electrical system, and other vehicle components may also be seriously damaged. The resulting vehicle fault and damage may not be covered by the warranty.

Influence of water ingress on 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 severe impact on the product's IP rating, ability to withstand voltage and other areas of performance, which poses great safety risks. Should this occur, contact a BYD authorized dealer or service provider immediately.

Winter Driving Precautions

1. Make sure the coolant is freeze-proof.
 - Use coolant of the same type as the one used originally. Fill up coolant

into the cooling system based on ambient temperature.

- Improper coolant will damage the cooling system.
2. Check the battery and cable conditions.
 - In winter, ensure that the 12V battery has sufficient charge to start the vehicle, as low temperatures can lead to a decrease in the battery's energy output.
 3. Avoid the door lock frozen by ice and snow.
 - Spray some deicing agent or glycerin into the door lock hole to prevent icing.
 4. Use washer fluid containing antifreeze.
 - Such products are available in BYD authorized dealers or service providers and all auto parts stores.
 - The mixing ratio of water and antifreeze shall comply with the manufacturer's instructions.

CAUTION

- Do not use antifreeze or other substitutes as washer fluid, which may damage the vehicle paint.
5. 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.
 6. 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.

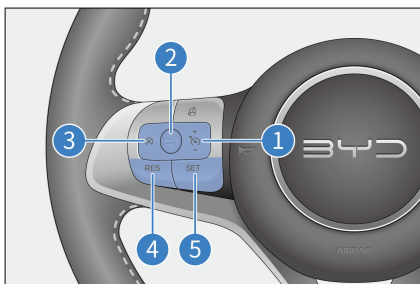
Driver Assistance

Cruise Control System*

The cruise control function allows driving at a preset speed above 40 km/h without pressing the accelerator pedal. This function may be activated for driving on a straight, uncrowded expressway.

Turning on or off the cruise control system

- Start the vehicle and press the cruise control button ①. The indicator  on the instrument cluster lights up.
- Press the cruise control button ① again or power off the vehicle to turn off the cruise control system.



Setting

- When the vehicle runs above 40km/h, press the SET button ⑤ to set the current speed as the target cruise speed. The " **SET** " indicator on the instrument cluster lights up, indicating that cruise is set successfully.

Adjusting speed

- Toggle the lever ② up to increase the set speed by 2 km/h. Toggle and hold it to increase the set speed continuously.
- Toggle the lever ② down to decrease the set speed by 2 km/h. Toggle and hold it to decrease the set speed continuously.

Resetting

- Press the RES button ④ to restore to the speed stored prior to exiting the cruise system last time.

Deactivating

- Press the button ③, press the brake pedal, or shift the gear out of the D position to deactivate cruise control.

Cruise Control Acceleration

- In the cruise control mode, if the accelerator pedal is pressed and no other operation is performed, the vehicle slows down to the speed set before the acceleration. If the button ⑤ and accelerator pedal are pressed at the same time, the current speed can be set as the target cruise speed.

WARNING

- Incorrect use of cruise control may result in an accident.
- Cruise control can only be activated when the vehicle is running on expressways with smooth traffic and under favorable weather conditions.

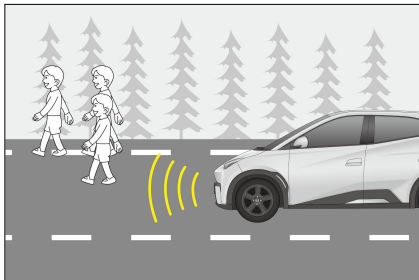
REMINDER

- During driving uphill and downhill, cruise control may not maintain the set speed.

Acoustic Vehicle Alerting System (AVAS)

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

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

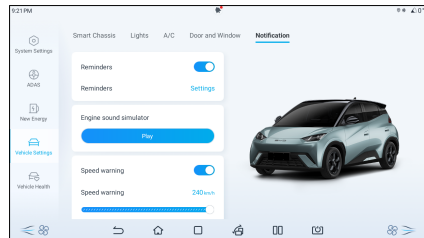


- When the vehicle is reversing, a continuous warning sound is given out.

System Pause/Start Control

The user can turn on or off the engine sound simulator by the "drop-down bar"- "engine tone simulator" switch button on the infotainment homepage. The system is on by default when the vehicle leaves the factory. The user can listen to the AVAS by going to

(infotainment system)  → Vehicle Settings → Notification.



WARNING

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

Parking Assist System

- 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.
- The reverse camera status screen can be accessed by engaging the R gear or by clicking on the PAD.
- When the vehicle is shifted to R, the touchscreen automatically displays a reverse image.
- After reversing ends, the interface will be restored.

! REMINDER

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

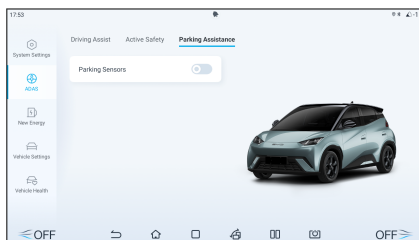
! WARNING

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

Reversing Radar Power Switch(RRPS)

- To activate or deactivate RRPS, go to  (infotainment system) → ADAS → Parking assistance → reversing radar setting.

- PAS is automatically activated when the ignition is on and EPB is released.



- Surrounding obstacles trigger an alarm only when PAS is activated.

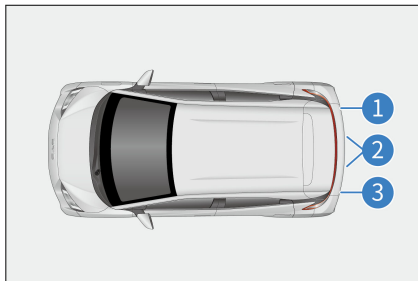
Sensor Type

- When the sensor detects an obstacle, the corresponding image is displayed on the infotainment screen*, obstacle and the distance between the vehicle and the obstacle.
- 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 the surroundings.

①Rear right corner sensor

Rear left and right center sensors

③Rear left corner sensor



Distance Display Alarm

When the sensor detects an obstacle, the infotainment touchscreen displays the orientation of the obstacle and

the approximate distance between the vehicle and the obstacle, and the speaker may beep.

Working examples of central sensor

Approximate distance (mm)	Display examples on the infotainment display screen	Alarm sound
About 700 to 1,200		Slow
About 400 to 700		Fast
About 0 to 400		Constant

Working example of corner sensors

Approximate distance (mm)	Display examples on the infotainment display screen	Alarm sound
About 400 to 700		Fast
About 0 to 400		Constant

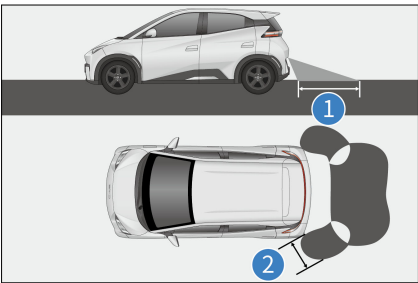
Working Sensors and Their Detection Range

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

②About 600 mm



REMINDER

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

Sensor Detecting Information

- Certain vehicle conditions and surroundings may affect the sensors' ability to accurately detect obstacles. Detection accuracy may be affected if:
 - There is dirt, 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.
 - Object with sharp edges and corners.
 - Low obstacles.
 - High obstacles with the upper part extending outward towards the vehicle.
 - Object under the bumper.
 - Object too near the vehicle.
 - People in the vicinity of the vehicle (depending on the type of clothing).
- If an image is displayed on the multimedia touchscreen* or if the speaker chirps, this may be due to the sensor detecting an obstacle or

external interference with the sensor. If this persists, it is recommended to have it serviced at a BYD authorized dealer or service provider.

CAUTION

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

Tire Pressure Monitoring

System Function

1. Power-on alarm

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

2. Low tire pressure alarm

- When the pressure of any one of the four tires is lower than 80% of the standard tire pressure and the system is running, the tire pressure fault indicator lights up and the tire pressure value turns yellow. It is advisable to stop the vehicle and check the corresponding tires for slow leaks and to inflate them to a reasonable pressure.
- When the tire pressure is greater than 95% of the standard value, the low pressure alarm is canceled.

3. Quick air leak alarm

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

4. Abnormal signal alarm function

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

5. Real-time display of tire pressure

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

Precautions

- The service time of the tire pressure monitoring module is related to the daily driving distance and other related factors.
- The tire pressure monitoring module transmits tire pressure and other information to the display regularly. Therefore, if the tire pressure suddenly drops or there is a flat tire, the monitoring module can only transmit data to the display in the next monitoring. Therefore, it may cause the driving to be out of control. If a damaged tire is accompanied by the monitoring module damage and thus no message can be sent, or if it is suspected that a tire has been damaged, stop driving immediately, instead of waiting for the display to send an alarm signal.
- Incorrect installation of the tire pressure monitoring module affects the air tightness of the tires. It is recommended that the monitoring module be installed and replaced by professional technicians from a BYD authorized dealer or service provider according to the installation instructions.

- When the tires are rotated or the tire pressure monitoring module is replaced, the entire tire pressure monitoring system needs to be rematched, which is recommended to be performed by a professional technician from a BYD authorized dealer or service provider; otherwise, this system may fail.
- Since tire pressure varies with regional temperatures, inflate or deflate the tires according to the values displayed on the instrument cluster and the standard tire pressure value.
- TPMS features wireless transmission and its reception performance may be worsened in environments with severe interference.

WARNING

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

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.

Tire pressure system alarm

- When the pressure of any one of the four tires is lower than 80% 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. If the alarm persists for a long time, please contact a BYD authorized dealer or service provider.

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.
- 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

CAUTION

- 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.

WARNING

- If the tire pressure is abnormal, this system does not prevent the vehicle from driving. Therefore, each time before driving, the user should start the vehicle statically to check whether the tire pressure meets the tire pressure value specified by the manufacturer. If not, do not drive the vehicle; otherwise, vehicle damage or personal injuries may be caused.
- 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.

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

Intelligent dynamic braking system integrates three functional modules: ABS, VDC and TCS, and also integrates value-added sub-functions such as HHC, HBA and CDP.

Body Dynamic 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 drive motor 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 Assit (HBA)

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

Controller Deceleration Parking (CDP)

Press and hold the P button to activate CDP. The vehicle brakes at a constant deceleration (of 0.4 g if only the P button is pressed and held, or 0.8 g if the P button and brake pedal are simultaneously pressed and held) until it comes to a stop. Release the P button to deactivate CDP.

ESC System Operation Instruction

- 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 drive motor to wheels. In this case, you may need to turn off the system to get out of the jam.
- Turning off ESC
- When you need to shut down the ESC system, press and release the ESC OFF switch button or turn it off in multimedia. ESC also checks its operating status in real time. If ESC OFF switch is pressed while ESC system is working, the system will complete the active intervention control rather than executes the

"shutdown" command immediately. ESC is disabled only after the intervention control is complete.

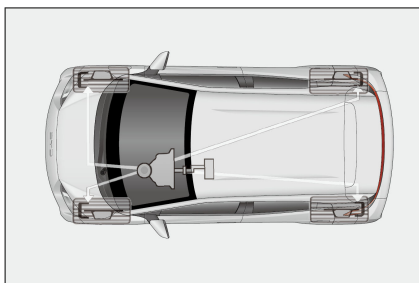
- After ESC is turned off, some of its deactivated functions will be enabled if either the ESC OFF button is pressed again or the vehicle speed exceeds the threshold of 80 km/h. In order to prevent ESC from being turned off suddenly, ESC can be activated again only when it is not in a vehicle dynamic intervention state.
- ESC OFF switch mis-operation
 - ESC is considered to be mis-operated if the ESC OFF switch is pressed and held for more than 10 seconds. In that case, all internal ESC functions continue to work.
- Restarting ESC after the vehicle is powered off
 - When the ESC system has been turned off, restarting the vehicle will automatically restart ESC system.
 - The start of ESC is linked with the vehicle speed.
 - 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, be sure to drive carefully, because careless driving may cause an accident. Exercise additional caution when the indicator is flashing.
- With ESC system disabled
 - Be careful when ESC is disabled, and drive at speeds suitable for road conditions. The ESC system ensures

vehicle stability and its driving force. Never turn it off unless necessary.

- Tire replacement
 - Make sure all tires are of the same size, brand, tread, and total load. In addition, be sure to inflate tires to the recommended pressure.
 - Neither ABS nor ESC will work properly if the vehicle is fitted with different tires.
 - For details on tire or wheel replacement, it is recommended to contact a BYD authorized dealer or service provider.
- Tire and suspension handling
 - The use of any defective tire or modified suspension affects the driving safety system and may cause the system to fail.

Anti-lock Braking System (ABS)

- The 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.

Electronic Brake-force Distribution

- The EBD function is an auxiliary function of the ABS. Before the ABS acts, the ABS system will regulate the braking pressure on the rear wheels if the slip rate of the rear wheels is high, so as to get a smoother and closer to idealized brake force distribution.

WARNING

- ABS cannot work effectively under the following conditions:
 - Tires with inadequate grip are used (for example, excessively

WARNING

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 on:
 - Muddy, sandy, or snowy roads.
 - Roads with potholes or uneven roads.
 - Bumpy roads.

CAUTION

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

CAUTION

- ABS does not prevent decrease in stability either. When applying the brake in an emergency, the steering should be moderate. A large or sharp turn during the driving can cause the vehicle to swerve into oncoming traffic or run off the road.
- When running on soft or uneven surfaces (such as gravel or snow), a vehicle with ABS may require a longer braking distance than a vehicle without ABS. In such cases, slow down and keep a long distance from other vehicles.

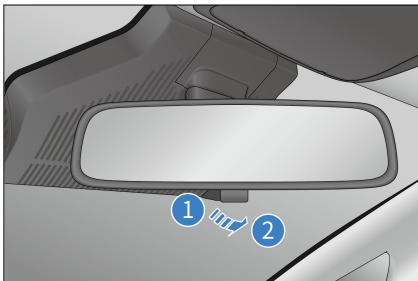
Other Main Functions

Interior Rearview Mirror

Manual Anti-glare Function

The interior rearview mirror can be adjusted to two positions, suitable for day and nighttime respectively. The nighttime driving position reduces the glare from vehicles in the rear.

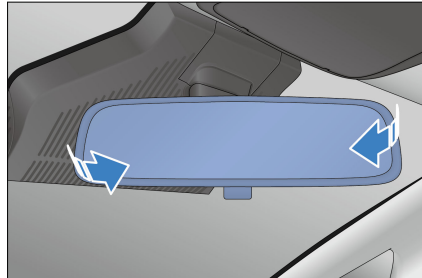
- For daytime driving - adjust the control lever to position ①, where the image on the rearview mirror is the clearest.



- For nighttime driving - adjusting the control lever to position ② helps reduce the interference from the cars behind. 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

- Do not adjust the rearview mirror while driving, as this may cause loss of vehicle control, accidents and occupant casualties.
- 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.

Electric Side Mirrors

Side Mirror Adjustment Switch

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 button Of Side Mirrors

-  Left side mirror adjustment button
-  Right side mirror adjustment button

Side Mirrors Adjustment button

Press this button to adjust the side mirrors to a proper position.

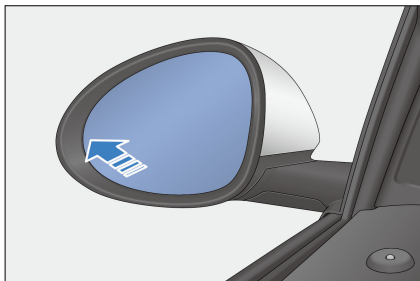


REMINDER

- If the side mirrors get frozen, do not operate the controller or scrape their surface. Deicing spray should be used.

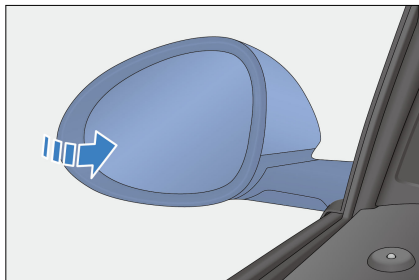
Manually adjust the external mirror

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



Manual fold the external mirror

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



REMINDER

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

Wipers

Check the wiper blade condition at least every six months to see if the rubber is cracked or partially hardened. If any of these are found, the wiper blades should be replaced.

Replacing Wiper Blades

The user can go to infotainment system

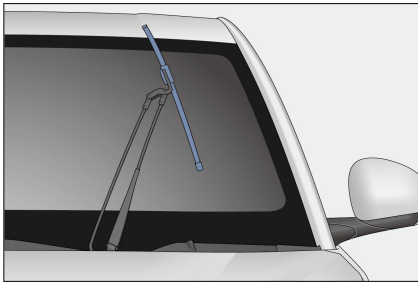


→ Vehicle Health → Overhaul to

activate the wiper maintenance function. After the function is activated, the wiper runs to a high position and then stop, so as to facilitate maintenance and replacement of the wiper. After

maintenance, the wiper returns to the reset position after the wiper maintenance function is deactivated.

1. Lift the rear wiper arm from the rear windshield to a certain angle.
2. Remove the wiper blade by pushing it downward to disengage from the wiper arm joint.
3. Install the new wiper blades through the opposite order.



⚠ 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.

05

IN-VEHICLE DEVICES

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the multimedia system

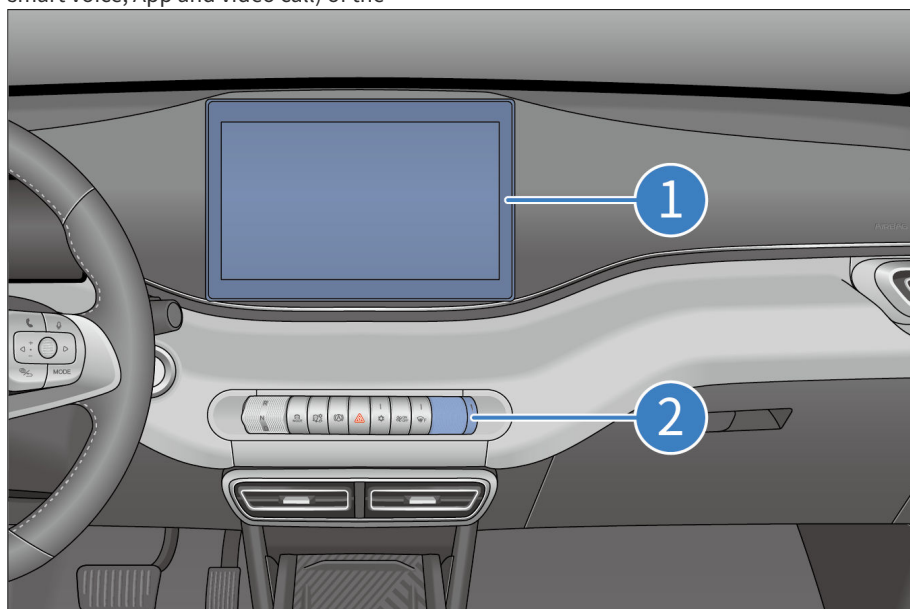
Infotainment Buttons

When the ignition is on, the initial screen is displayed for several seconds and the infotainment system starts to work. To better use related features (such as smart voice, App and video call) of the

infotainment system, it is recommended to have the internet connected.

A warning is displayed when the infotainment system starts for the first time. Tap Agree to enter the system.

You can use the customized infotainment touchscreen as needed. A shortcut menu is provided for your convenience, which can include WLAN, Bluetooth, mobile data connection, volume, light mode, and some other vehicle controls.



- ① Infotainment touchscreen
- ② Volume wheel/audio off/infotainment restart button

Infotainment touchscreen rotation method

- Tap the screen rotation button on the multimedia touchscreen to automatically adjust the horizontal and vertical screens.

Factory reset

- This function factory resets the infotainment system.

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

WARNING

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

WARNING

cause infotainment system or vehicle malfunction.

- In driving, please use the infotainment system in landscape mode wherever possible for your safety.

CAUTION

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

Navigation Bar

 : returns to the previous page or exits the program.

 : returns to the homepage.

 : shows recently opened applications.

 : switches between landscape and portrait touchscreen modes.

 : enables screen saver.

Gestures and Responses

Gestures and associated system responses are:

- Tapping: open applications, selects functions, tap icons on the touchscreen, or types characters.
- Dragging: touching and dragging an icon, thumbnail, or preview to the target position to change its location.
- Swiping: operational on homepage and app screens.
- Double-tapping: zoom in or out an image.
- Spreading/pinching: Separate the fingers on an image to zoom in a section and close them together to zoom out.
- Swipe down the top of the touchscreen: open quick menu.

BYD Assistant

Intelligent voice assistant supports operations including controlling vehicle navigation, playing music/broadcasting program, turning on the A/C System and calling.

- How to wake up BYD Assistant:

- On the steering wheel, press the  button (connect with switches of the steering wheel).
- press the desktop voice icon .
- Say the wake word: “Hi, BYD.”
- Your speech instruction can be recognized after the wake-up.
- Make a request as you like.
 - For example: “Navigate to civic center”, “play the music”, “give XXX a call”, “set the A/C temperature to 23°” and so on. The multimedia system recognizes and executes the instructions.

Bluetooth Call

Connection

1. On the Bluetooth Call screen, tap “Bluetooth Connection” button to establish connection.
2. Tap “Scanning” to search for available devices.
3. Pair the available device and make sure the pairing code displayed on your phone is consistent with the code on the touchscreen.
4. Make normal settings for Bluetooth when the connection is completed.

Bluetooth Call

Go to the dialing screen when Bluetooth is connected.

- Tap **Contacts**, **Call log**, and **Missed calls**, or use dial keypad to make a call.
- Slide up the call card/click on the blank space to reduce the dialing interface;
- In panoramic view screen, a small window pops up to inform driver of a call.

External Applications

This multimedia system is an Android development system, which is a way to install and use external applications.

- External application installation:
 1. Download the application you need;
 2. Click on the application files, select allow to install applications from external sources, and install them.
 3. When the installation is complete, you can find the installed application in the application list and click to use it.



CAUTION

- Applications that are not officially certified may not work properly.
- Installing a lot of unnecessary software may make the system unusable. Please use this function with caution.

- External application uninstall:
 1. Enter the Settings → Application Management → Application interface, you can see the installed applications and select the applications you want to uninstall.
 2. Click "Uninstall" and confirm.



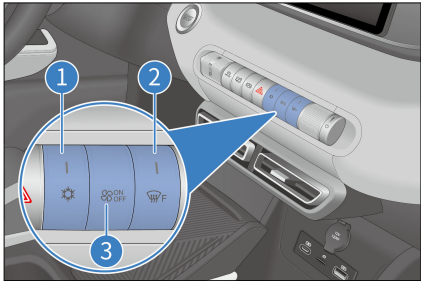
CAUTION

- The applications on the infotainment system cannot be downloaded.

A/C System

A/C ON/OFF

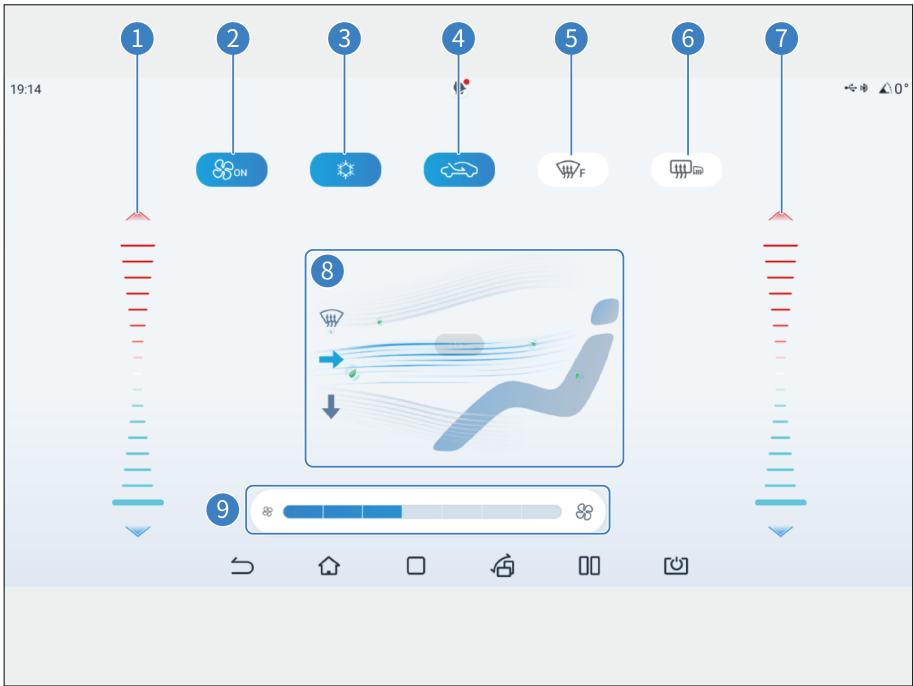
- ① Cooling
- ② Front windshield defroster
- ③ A/C ON/OFF Button



! REMINDER

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

A/C Operation Interface



- 1 Driver temperature control button
- 6 Rear windshield defroster

- | | | | |
|---|--|---|-------------------------------------|
| 2 | A/C button | 7 | Co-pilot temperature control button |
| 3 | Cooling | 8 | Blowing Mode |
| 4 | Recirculation/Fresh air | 9 | Blower speed adjustment |
| 5 | Defrosting button for front windshield | | |

REMINDER

- Odor of A/C:
 - When the A/C is just turned on, the air from the A/C may have a moist and mildewy odor, which is normal. During the operation of the A/C, the evaporator is easy to be attached by the A/C condensate, and the wet evaporator tends to adsorb unfiltered human perspiration, dust, etc. If the condensed water 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.
- How to prevent it:
 - Before parking, turn off the A/C and allow fresh air to circulate throughout the vehicle to keep the interior relatively dry;
 - Please check, clean and replace the air filter regularly;
 - Try to keep the cabin clean and fresh.
- If any odor still exists after implementing the above methods, contact a BYD authorized dealer or service provider for maintenance.
- In order to keep the internal working environment of A/C system dry, the A/C blower may

REMINDER

automatically start for a while after the vehicle is powered off and locked. It dries the condensed water generated on the evaporator surface when the A/C is turned on, so as to prevent mold breeding on the evaporator surface. Therefore, the A/C blower automatically starts upon locking in some cases.

Functional Definition

A/C button

- To turn off the A/C, tap this A/C button.
- When the A/C is off, press this button to turn the A/C on.

Blower Speed Adjustment

- Tap this button to adjust the blower speed to an appropriate level. The higher the level is, the greater the blower speed is.

Defrosting button for front windshield

- Tap this button to switch the A/C to the front defrosting control mode, and the air mainly flows to the front windshield and side windows. Tap this button again to exit the front defrosting control mode.
- Tap this button to turn on the defroster, defogger, and A/C. That is, the A/C is turned on regardless

of whether the compressor control button is operated.

Climate control

- To increase the temperature, tap the upper arrow on the touchscreen or tap the temperature display area and then slide downward. To decrease the temperature, tap the lower arrow on the touchscreen or tap the temperature display area and then slide upward.
- When it is adjusted to the coldest position, "LO" is displayed. When it is adjusted to the hottest position, "HI" is displayed.

Cooling

- Tap this button to turn on the A/C. At this time, the icon lights up and the compressor starts to work. Tap this button again to turn off the A/C compressor. At this time, the icon goes out and the compressor stops working.

Recirculation/Fresh air

- Tap this button to switch the air inlet mode to internal circulation. Tap this button again to switch the air inlet mode to external circulation.
- When the Auto air recirculation when parking is enabled, the vehicle switches to the recirculation mode automatically during parking to ensure the air quality in the vehicle and avoid the exhaust from entering the vehicle.

Rear windshield defroster

- Tap this button to activate the rear windshield defroster and the external rearview mirror defroster. If there is no other operation, they are automatically deactivated after operating for 15 min. Tap this button again to turn off the rear windshield defroster and the external rearview mirror defroster.

- This function cannot be used to dry rain drops and melt snow.



WARNING

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



CAUTION

- When cleaning the inner side of the rear windshield, be careful not to scratch or damage the heating wire or connector.
- In order to prevent the battery from discharging, the rear defrost switch should be turned off when the motor is running.

Blowing Mode

- Tap an icon on the infotainment touchscreen to select the corresponding air distribution mode. Blowing modes can be freely combined on the infotainment touchscreen, and two blowing modes can be started at the same time according to requirements.
 1. Air is blown onto the occupant's face and feet.
 2. Air is blown onto the front windshield, side windows and occupants' feet.

A/C Precautions for Operation

- To quickly cool down the vehicle parked under the burning sun, open the window and drive for several minutes. In this way, the hot air can be discharged to facilitate the A/C to cool down the vehicle.
- To cool down quickly, adjust the temperature to "LO" and keep the

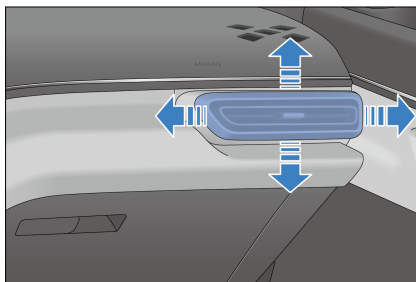
setting in recirculation mode for several minutes.

- Make sure that the air inlet grille in front of the front windshield is not blocked (by such things as leaves or snow).
- In the wet weather, do not let cold air blow onto the windshield. The temperature difference between the inside and outside of the windshield causes fogging windshield.
- Keep the space under the front seats unoccupied so that the air in the vehicle can be fully circulated.
- In cold weather, the fan speed is recommended to be set at high speed for one minute to remove snow or moisture from the intake channel, so as to reduce fogging of the window.
- In cold weather, keep the setting in recirculation mode for several minutes for rapid heating. To prevent the windows from fogging up, switch to fresh air mode after the temperature in the compartment rises.
- Close all windows when following other vehicles on a dusty road or driving in windy and dusty conditions. Set the air inlet mode to recirculation, and turn on the A/C fan.
- When heating, press the compressor control icon to light it up (the compressor is turned on), reducing the moisture in the airflow.
- In ventilation mode, the system introduces the natural wind outside the vehicle, so it is suitable for spring and autumn.

Vents

To adjust the blower speed or venting angle by shifting the adjusting rod Vents

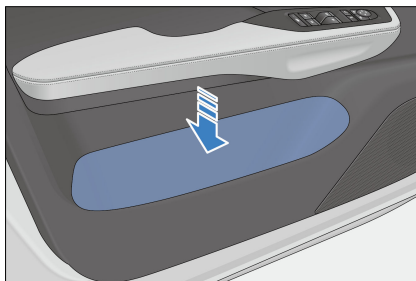
can be closed by toggling adjusting sheets to the limit.



Storage

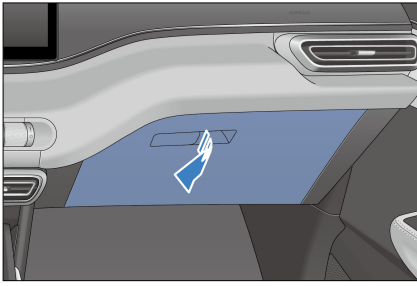
Door Bins

Each door is equipped with a door bin to store beverage bottles or small items.



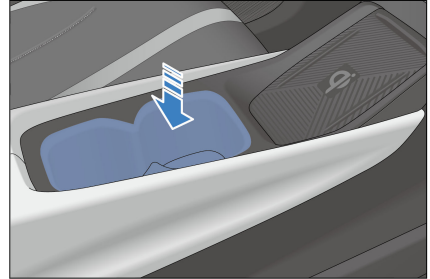
Glove Box

- Pull the handle to open the glovebox.
- Push the glovebox up to close.



Cup Holder

The front seat cup holder is located in the middle of the center console.

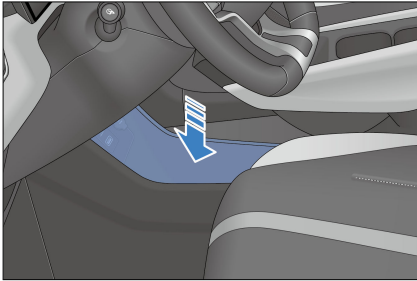


! REMINDER

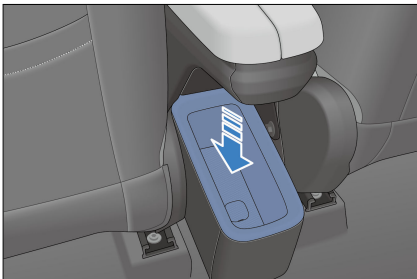
- To reduce the risk of injury in an accident or emergency braking, keep the glovebox closed while driving.

Center Console Storage Compartment

The glovebox is located under the center console.



The glovebox is located behind the center console.

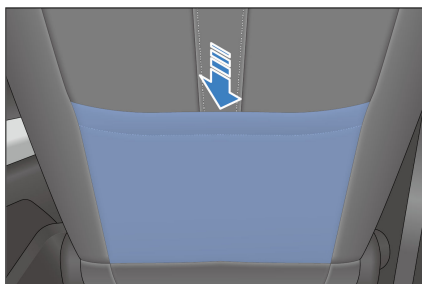


! CAUTION

- When using the cup holder, do not start or brake the vehicle suddenly to prevent liquid spillage and burn you or other passengers.
- To prevent liquid splashing during door opening/closing or driving, please do not place open cups or untight beverage bottles in the cup holder.
- To ensure safe driving, the driver is strictly prohibited from taking the cup out or placing it in the cup holder while driving.

Seatback Pockets

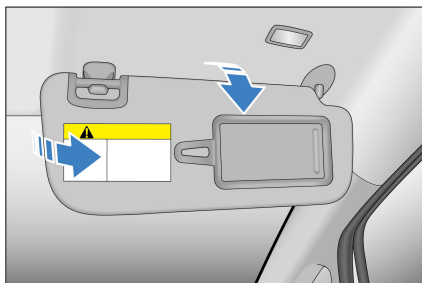
- There are seatback pockets at the back of the front seats for storing magazines, newspapers, and other goods.



Other Devices

Sun Visor

- To block the sunlight from the front, pull the sun visor down.
- To block the light from the side, remove the slewing sleeve from the fixed support and turn sun visors to the side window.



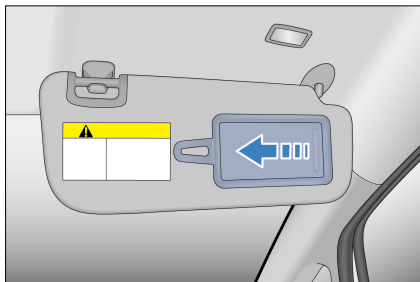
REMINDER

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

Vanity Mirror

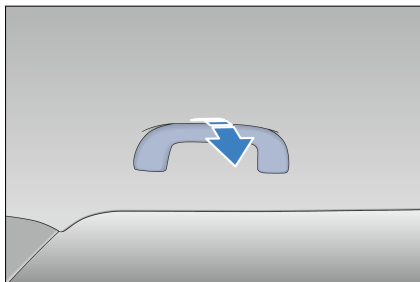
- Vanity mirrors are installed on the driver's and front passenger's sun visors.

- To access the vanity mirror, pull the sun visor down and flip open the mirror cover. The vanity mirror indicator lights up. The indicator goes out when you close the mirror cover or fold up the sun visor.



Safety Handles

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

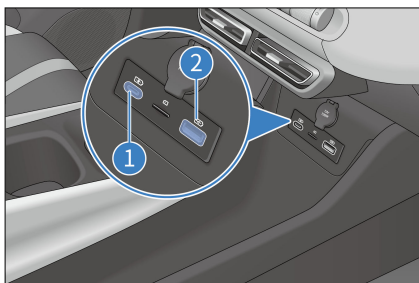


CAUTION

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

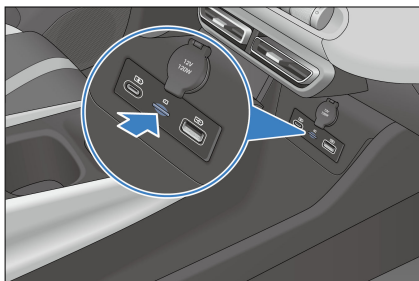
USB Ports

- ① USB charging port
- ② USB data transmission port



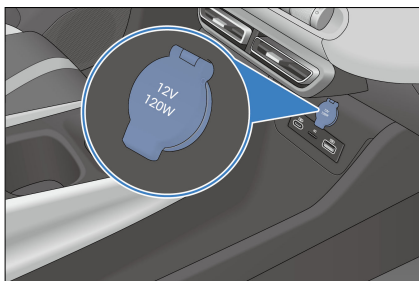
SD Card Slot

An SD card slot is provided at the lower end of the center console.



12 V Auxiliary power

- It is used for accessories with 12V DC working voltage and no more than 10A working current.
- Open the cover of the 12 V backup power to use it when the vehicle is in the OK gear.



Smartphone Wireless Charging*

- The wireless cell phone charging function is to charge the cell phone through electromagnetic wave induction without the need of wire connection.
- Pull down the Multimedia System Portable Menu to illuminate the phone's wireless charging feature setting icon.
- Once the vehicle is started, place the phone in the wireless charging area with the phone screen facing up and the phone will automatically enter wireless charging mode.
- Disabling the Smartphone Wireless Charging Function: Pull down the Multimedia System Portable Menu to illuminate the phone's wireless charging feature setting icon. Then the indicator turns off and the wireless charging function is disabled.



- The smartphone wireless charging is applicable to Qi certified smartphones only.
- Do not place cards with chips, such as bank cards, between the case and the phone while charging to avoid burning the cards.

CAUTION

- Ensure your smart key is more than 25 cm away from the wireless charger area when the wireless charger system is working.
- To avoid wireless charger dysfunction or even accidents, do not place coins, metal keys, metal rings, or other articles containing metal in the wireless charger area together with the phone.
- To avoid damage to the charger area, do not place heavy objects on it. If the phone wireless charger system is faulty and does not work properly, it is recommended to contact a BYD authorized dealer or service provider.
- BYD will not assume any responsibility for any problems caused by improper use. If the product is disassembled or modified, the free warranty will be terminated.
- For safety reasons, do not leave an unattended phone being charged in the vehicle.
- For safety reasons, refrain from checking phone charging status while driving.
- If a metal item is found between the device and the charger rubber pad during charging, do not remove the metal item with bare hands to prevent burning.
- The center of the phone coil must be aligned with the center of wireless charger (indicated with text in the charger area), or charging may fail.
- Prevent any fluid from coming into contact with the charger

CAUTION

- area. The wireless charger will malfunction if water enters the wireless charger via the gap around the rubber mat.
- Charging may stop at high temperatures, and will resume once the temperature drops.
- BYD makes no commitments for problems caused by external wireless charging coils. Please use with caution.

REMINDER

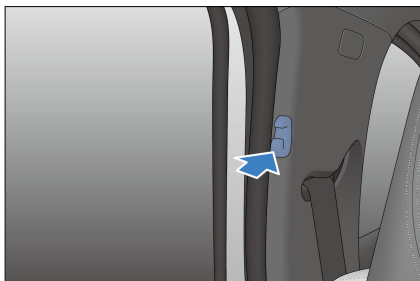
- Only one smartphone can be charged at a time.
- Too thick smartphone shell may cause charging failure.
- When the vehicle runs through bumps, wireless charging may be briefly interrupted.
- Try to ensure that the mobile phone placement surface is parallel to the charging module. If the smartphone deviates from the wireless charging area and stops charging, move the smartphone back to the wireless charging area.
- 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

REMINDER

and the words "Don't forget the mobile phone" will display for 5s after you open the left front door.

Hooks

- Only for the goods less than 3kg.



CAUTION

- Do not hang any heavy objects on the hook to avoid damage to the hook.

06

MAINTENANCE

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Maintenance Information

Maintenance Cycle and Items

Maintenance Plan

- The maintenance plan is designed to ensure stable driving, failure reduction, safe and economical driving.
- 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 the maintenance items that are necessary to keep the vehicle in optimum condition at all times.
- The maintenance shall be carried out according to BYD's standards and specifications. It is recommended that the maintenance be carried out by a local BYD authorized dealer or service provider.
- The maintenance schedule lists the maintenance items and travel time or

distance based on the assumption that the vehicle is used as a normal means of transportation to carry passengers and goods that do not exceed the vehicle load limit.



CAUTION

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

Maintenance Plan Requirements

The vehicle must be maintained according to a maintenance schedule.

If the vehicle is operated mainly under one or more of the following special conditions, some maintenance schedule items need to be carried out more frequently.

- Road conditions
 - Driving on rough, muddy or snowy roads.
 - Driving on dusty roads.
- Driving conditions
 - The vehicle is used to tow a camping trailer or a roof bracket is installed on the vehicle.
 - The vehicle is driven within 8 km repeatedly and driven in an environment with temperature below zero.
 - The vehicle is driven in long-term idling or/and low-speed long-distance driving conditions. The examples include police cars, taxis, or vehicles carrying goods.

Maintenance Schedule

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

Item	Interval
Check chassis screw tightening	Check them every 12 months or 20,000 km and replace damaged parts in a timely manner.
Check brake pedal and EPB switch	Check it at 12 months or 20,000 km for the first time, and every 24 months or 40,000 km afterwards, or every 12 months or 20,000 km in severe driving conditions.
Check brake pads and discs	Check them every 12 months or 20,000 km.
Check brake system pipeline and hoses	Check it at 12 months or 20,000 km for the first time, and every 24 months or 40,000 km afterwards, or every 12 months or 20,000 km in severe driving conditions.
Check guide pin of brake caliper assembly	Check it every 24 months or 40,000 km.
Check steering wheel and lever	Check them at 12 months or 20,000 km for the first time, and every 24 months or 40,000 km afterwards, or every 12 months or 20,000 km in severe driving conditions.
Check drive shaft dust cover	Check it at 12 months or 20,000 km for the first time, and every 24 months or 40,000 km afterwards, or every 12 months or 20,000 km in severe driving conditions.
Check ball pin and dust cover	Check them at 12 months or 20,000 km for the first time, and every 24 months or 40,000 km afterwards, or every 12 months or 20,000 km in severe driving conditions.
Check front and rear suspensions	Check them at 12 months or 20,000 km for the first time, and every 24 months or 40,000 km afterwards, or every 12 months or 20,000 km in severe driving conditions.
Check the door check, remove dust from the tie rod with a wet soft cloth and apply 0.3-0.8 g grease to the tie rod, riveted joints, and rotating shaft.	Check them every 12 months or 20,000 km.

Check tire condition and inflation pressure (including TPMS)	Check them every 12 months or 20,000 km.
Check front and rear wheel alignment	Check it at 12 months or 20,000 km for the first time, and every 24 months or 40,000 km afterwards, or every 12 months or 20,000 km in severe driving conditions.
Tire rotation (check the tire pressure and condition at least once a month)	Regular maintenance must be carried out. And make the inspection and tire rotation every 10,000 km.
Check wheel bearings for clearance	Check them at 12 months or 20,000 km for the first time, and every 24 months or 40,000 km afterwards, or every 12 months or 20,000 km in severe driving conditions.
Check the coolant level in the expansion tank.	Check it every 12 months or 20,000 km.
Replace the drive motor antifreeze fluid	Replace the long-acting organic acid coolant every four years or 100,000 km, whichever comes first.
Check brake fluid	Check it every 12 months or 20,000 km.
Replace brake fluid	Replace it every 2 years or 40,000 km.
Check vehicle module DTC (clear it after recording)	Check it every 12 months or 20,000 km.
Check the high-voltage battery tray, shield, impact bar, and mount point torque (QH)	Check them every 12 months or 20,000 km.
Capacity test and correction	Test and calibrate capacity every six months or 72,000 km.
Check and replace the gear oil in transmission	Replace it at 24 months or 40,000 km for the first time, and every 24 months or 48,000 km afterwards.
Check for powertrain leaks or bumps	Check them every 12 months or 20,000 km.
Check loose high-voltage wiring harnesses and connectors	Check them every 12 months or 20,000 km.
Check for deformation or oil marks in HV module cosmetic parts	Check them every 12 months or 20,000 km.
Check each charging port for any foreign objects or burn marks	Check them every 12 months or 20,000 km.

Check high-efficiency activated carbon filter*	Check it every 12 months or 20,000 km, whichever comes first, and replace it if necessary. In severe driving conditions, check it every six months and replace it if necessary.
Check PM2.5 quick tester filter screen*	Check it every 12 months or 20,000 km, whichever comes first, and replace it if necessary. In severe driving conditions, check it every six months and replace it if necessary.
Check electrostatic filter*	Check it every 12 months or 20,000 km, whichever comes first, and replace it if necessary. In severe driving conditions, check it every six months and replace it if necessary.
Check that bulbs and LEDs are lighting properly	Check them every 12 months or 20,000 km.
Check that headlight dimming function is normal	Check it every 12 months or 20,000 km.
Initial down tilt of low beam	The calibration is carried out every 10,000 km
Check for any foreign objects or burning marks at the EPS bonding point	Check it every 12 months or 20,000 km.
Check whether EPS connector is loose or connector pins are burned	Check it every 12 months or 20,000 km.
Check EPS ECU for corrosion	Achieve the first check at 12 months or 20,000 km for the first time. Check them every 24 months or 40,000 km afterwards.
Check for foreign materials or corrosion on connections between the EPS ECU and motor*	Check them every 12 months or 20,000 km.
Check for vehicle module software updates and achieve the updates if there exist.	Check them every 12 months or 20,000 km.
Check for water seepage marks on HV parts	Check them every 12 months or 20,000 km.
Check the lock nut torque of wiper arm	Check it every 12 months or 20,000 km.
Check whether damping rubber sleeve on hood hinge limiting stud is worn out	Check it every 12 months or 20,000 km.
Check hood lock and its fasteners	Check them every 12 months.

**REMINDER**

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

Severe driving conditions include:

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

Regular Maintenance

Regular Maintenance

- Pay attention to vehicle performance, sound changes, and visual evidence that indicates service is required. Under any of the following circumstances, the vehicle may need to be adjusted or repaired. Therefore, you are recommended to send the vehicle to a BYD authorized dealer or service provider as soon as possible:
 - Motor start produces unusual noises.
 - Coolant remains overheated, is stagnated or leaks.
 - Motor jams and produces unexpected noise.
 - The motor runs with excessive vibration.
 - The motor fails to get started.
 - Electric assembly leaks oil.
 - Electric assembly emits odors.
 - Power declines significantly.
 - Water leaks from under the vehicle (A/C condensate is normal).
 - Tire deflates; tires make excessive noises at turns; tire wear is uneven.
 - Vehicle leads to one side when driving straight on a flat surface.
 - Suspension unit movement leads to unusual noises.

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



REMINDER

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

Vehicle Corrosion Prevention

The most common causes of vehicle corrosion:

- 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 high-temperature 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 Tips

- 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.
- 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. Soak a soft cloth with cleaning solution and gently wipe it down along the direction of the water flow. Do not wipe in a circular motion or horizontally.
3. Rinse well: It forms markings when the washing agent dries. After washing the vehicle in hot weather, rinse the parts properly.
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.

CAUTION

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

Vehicle Cleaning

- The vehicle must be cleaned in time under the following circumstances which will cause peeling of paint layer or corrosion of body and parts:
 - Driving along the coast.

REMINDER

- Do not use strongly alkaline washing powder, soapy water,

! REMINDER

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 Washing

Some types of brushes, unfiltered water, or machine-defined rinse procedures in automatic car wash stations may scratch or damage the paint surface. The scratches reduce the durability and glossiness of the paint surface, especially for dark-colored vehicles. Before washing

the vehicle, consulting the staff of the vehicle wash station for the safest wash procedure for the paint surface is a better choice.

Interior Cleaning

! REMINDER

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

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 Belt Cleaning

- The seat belts can be cleaned with neutral soapy water or lukewarm water.
- Wipe seat belts with sponge or soft cloth. During cleaning, 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.
- 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.

CAUTION

- 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.

Leather

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

CAUTION

- If dirt cannot be cleaned off using a neutral detergent, clean it with a detergent that does not contain organic solvents.
- Do not clean leather with any organic material such as volatile oil, alcohol, gasoline, acid or alkali, as these will cause discoloration.
- Do not clean leather with a nylon brush or synthetic fiber cloth, as these may scratch the fine patterns on the leather surface.
- Mold may grow on dirty leather trimmings. Special care must be

CAUTION

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

- 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

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

Checks

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

- Coolant level: The level of expansion tank should be checked at each charging.
- 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 the

bad weather, increase the frequency of checking.

- Windshield wipers - check the wiper condition once a month. If the wiper cannot clean the windshield completely, check if any damage such as wear and cracking exists.
- Brake fluid level - check the fluid level at least once a month.
- Brake pedal - check whether the brake pedal functions normally.
- EPB switch - check whether the switch functions well.
- Low-voltage battery - Check battery conditions and check for terminal corrosion monthly.
- A/C system - Check the operation of A/C units weekly.
- Tires - check tire pressure monthly. Check 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 this may result in serious vehicle damage and personal injury.

Combination Lights

Front Combination Lights Alignment

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

Fogging of lights

- After heavy rain or cleaning, fog may appear on the covers of combination lights, tail lights, or turn signals in external rearview mirrors. This is similar to the condensation phenomenon of the windows on one side of the vehicle during rain, which does not indicate that your vehicle is faulty.
- The 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 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 combination lights and inside the turn signal on the side mirror, it may be due to high air humidity or significant temperature difference between the vehicle and its surroundings. In that case, turn on the combination lights or turn signal while driving. The fog will evaporate after a short period of driving.
- If there is a noticeable amount of water inside the lights, it is recommended to drive the vehicle to a BYD authorized dealer or service provider for maintenance.

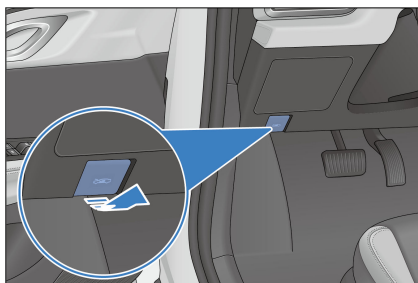
Vehicle Storage

- If the vehicle needs to be parked for a long time (more than one month), the following preparations shall be made. Proper preparation helps to prevent deterioration of vehicle conditions and makes it easy for the next use of the vehicle. If possible, park the vehicle indoors.
- Charging on 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 the window on one side slightly (when parking 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, the vehicle must be started on time (at best once a month) If a vehicle is parked for at least one year, go to a BYD authorized dealer or service provider for coolant addition.

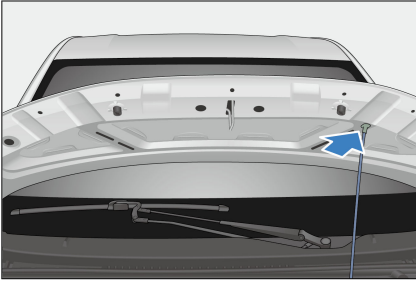
Hood

1. Pull up the hood opening handle on the left side of the lower body of the dashboard for 2 consecutive times to slightly open the hood.



2. To open the hood: Lift the front hatch cover up and support the front hatch cover with a support rod.
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.

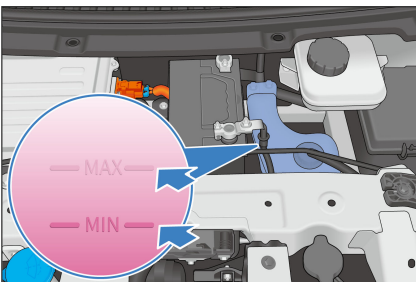


! REMINDER

- Ensure that the hood is closed and locked firmly. Otherwise, the hood may suddenly open during driving, resulting in an accident.

Cooling System

- The fluid level meets the requirement when it is between the MAX (maximum fluid level) and MIN (minimum fluid level) marks of the expansion tank.
- Always use the coolant with specifications same as the original manufacturer's product. No admixture is required. Different brands and types of refrigerant should not be mixed.



! REMINDER

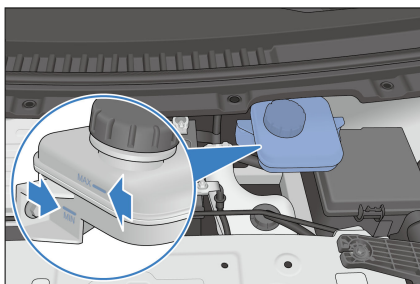
- Go to a BYD authorized dealer or service provider for coolant addition.
- When you open the coolant reservoir cover before the motor cools down, the coolant may eject and cause serious burns.

! CAUTION

- 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 radiator lid, make sure that the motor, HV electronic control integrated module, coolant tank and radiator have cooled down.

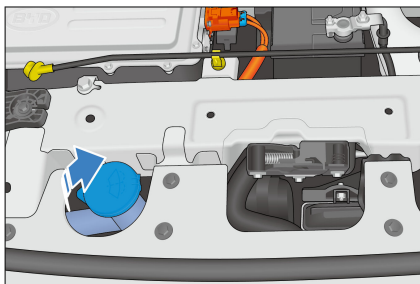
Braking System

- 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.
- If the liquid level is between the mark lines of "MAX" (highest scale mark level) and "MIN" (lowest scale mark level) in the liquid storage tank, it meets the requirements.
- If the fluid level is at or below the lowest limit (MIN) mark, it is necessary to check the brake system for leakage and wear of brake friction plates.



Washer

- During normal use, check the fluid level of the windshield washer reservoir at least once a month.
- In bad weather, if the washer is often used, check the washer fluid reservoir level more frequently.
- High quality windshield washer fluid should be added to improve 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.

CAUTION

- It is recommended to use certified windshield washing fluid.

A/C System

- The A/C system is a closed system, and any important maintenance work should be carried out by professionals from a BYD authorized dealer or service provider.
- The following can be done to ensure effective operation of the A/C system.
 - Check the radiator and A/C condenser regularly. Remove leaves, insects and dust accumulated on the front surface. These deposits hinder the airflow and reduce the cooling effect. Contact a BYD authorized dealer or service provider for handling.
 - In cold months, it is recommended that the A/C be turned 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

- Whenever the A/C system is maintained, the maintenance station should use a refrigerant recycling equipment. The equipment can recycle refrigerant to avoid environmental pollution caused by directly discharging refrigerant.

Wiper Blades

The rubber strip of the wiper blade is made of synthetic rubber, which is a vulnerable part. The wiper blade may be damaged in the service environment of various vehicles and by the driver's use habits. Therefore, in order to ensure the service life of the wiper blade and the driving safety of the vehicle, pay attention to the following precautions:

- Remove the ice on the windshield surface with a special ice scraper, rather than with the wiper blades.
- Do not wipe on dirty, oily or waxy windshield surfaces.
- Keep the windshield surface clean. Do not wipe dust, sand, insects, and other objects on the windshield surface.
- Do not wax the windshield when washing the vehicle and maintaining the body paint, as the wax layer reflects light in poor light, consequently affecting the sight and driving safety. Rinse the wiper blades with purified water after washing the vehicle and remove the wax layer on the windshield with special glass wax layer cleaning agent.
- Do not wash the wiper blade directly with a squirt 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 regularly (once a day or once in two days). Keep the windshield fully wet when wiping with wiper blades (when it is not raining, the washer fluid must be sprayed on the windshield in advance).

- Clean the windshield with special cleaning agent.
- Wipe the windshield with a rag in time if it is attached with soil and dead insects.
- Maintain the windshield in time in case of scratches by gravel knocking (it is recommended to use resin products for the windshield repair, and replace the windshield in case of many or excessive scratches).
- Replace the wiper blade regularly, and an interval of six months is recommended.
- Lift the wiper arms up prior to cleaning the windshield. The specific operation method is as follows:
 1. Enter the multimedia  → vehicle health → maintenance setting interface to repair the wiper before opening, and rotate the wiper to the high position.
 2. Grasp the upper end of the wiper arm and carefully lift the wiper arm and wiper blade assembly.

Tyres

- 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

WARNING

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.
- If the tire pressures are checked when the tires are hot (after several kilometers of driving), the pressure

readings are 30~40 kPa (0.3~0.4 bar) higher than those in the cold state. This is normal. Do not deflate the tires to reach the tire pressure readings specified for the cold state, otherwise, the tire pressures are insufficient.

REMINDER

- The recommended cold tyre pressure is indicated on the label affixed to the driver's door frame.
- Tubeless tires can be self-sealed when punctured. However, since the air leakage is usually very slow, carefully find out the leaking position once the tire depressurization occurs.

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.



- When the tread is worn at this point, a band mark is shown across the tread,

indicating the tread thickness is less than 1.6 mm. The adhesion of tires worn to this extent is very small on wet roads.

- When the tread is worn to the point where the wear mark is exposed, there is serious performance loss so that the tires must be replaced.

Maintenance

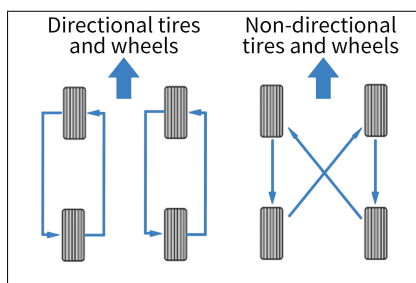
- In addition to proper inflation, correct wheel alignment can also help reduce tread wear.
- If uneven tire wear is found, drive the vehicle to a BYD authorized dealer or service provider to check wheel alignment.
- The tires of a vehicle has been balanced in the factory, but tires need to be re-balanced 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.

CAUTION

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

Tire Rotation

- In order to make tire wear the same and prolong the service life of tires, it is recommended to perform tire rotation after every 12000km of the driving distance and conduct four-wheel alignment, inspection and adjustment as well.
- When purchasing and replacing tires, the user may find that some tires are "directional", indicating those tires can be rotated in only one direction. In case of directional tires, the tire rotation can only be carried out between the front and rear tires on the same side, as shown in the figure.



Replacing Tires and Wheels

- The original tires of this vehicle are selected to maximize the performance of the vehicle, and can provide you with the best combination of maneuverability, riding comfort, and service life.
- It is recommended to drive the vehicle to a BYD authorized dealer or service provider for new original tires.
- If radial tires with different dimensions, load range, rated speed and maximum cold tire pressure (marked on the side of the tire) from that of the original tires are used for replacement, or radial tires and diagonal tires are used at the same time, the braking capacity, driving

force (ground adhesion) and steering accuracy of the vehicle are reduced.

- Installing improper tires affect the operational sensitivity and stability of the vehicle, and may cause accidents and casualties.
- The user is supposed to replace all four tires or the coaxial tires, because replacing only one tire seriously affects the maneuverability of the vehicle.
- ABS (Anti-lock brake system) works by comparing the speed of wheels. When replacing a tire, use a tire of the same size as the original tire. The size and structure of the tire can affect wheel speed and may lead to uncoordinated system operation.
- If the wheels need to be replaced, make sure that the specifications of the new wheels are consistent with those of the original ones. New wheels can be purchased from a BYD authorized dealer or service provider. Before replacing wheels, consult a BYD authorized dealer or service provider.

! REMINDER

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

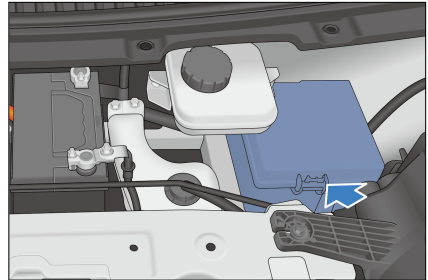
- Do not mix radial tires, bias belted tires, or diagonal ply tires on the vehicle.
- Do not use tires with dimensions other than those recommended by the manufacturer.

Fuses

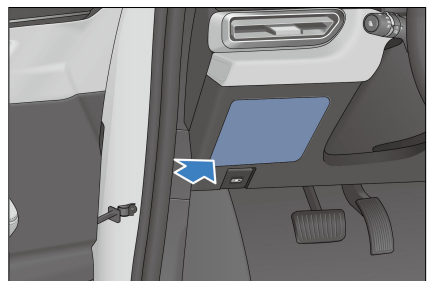
All circuits on the vehicle are equipped with fuses to prevent short circuits or overloads. These fuses are installed in fuse boxes respectively, front cabin distribution box and dashboard

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.

- The fuse under the hood is located on the left rear of the front compartment. To open it, remove the front cabin trim panel, then press the latch as shown.



- The dashboard fuse under the main driver's side of the car is located on the left side of the dashboard, and the fuse can be accessed by removing the lower dashboard body.
- 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.



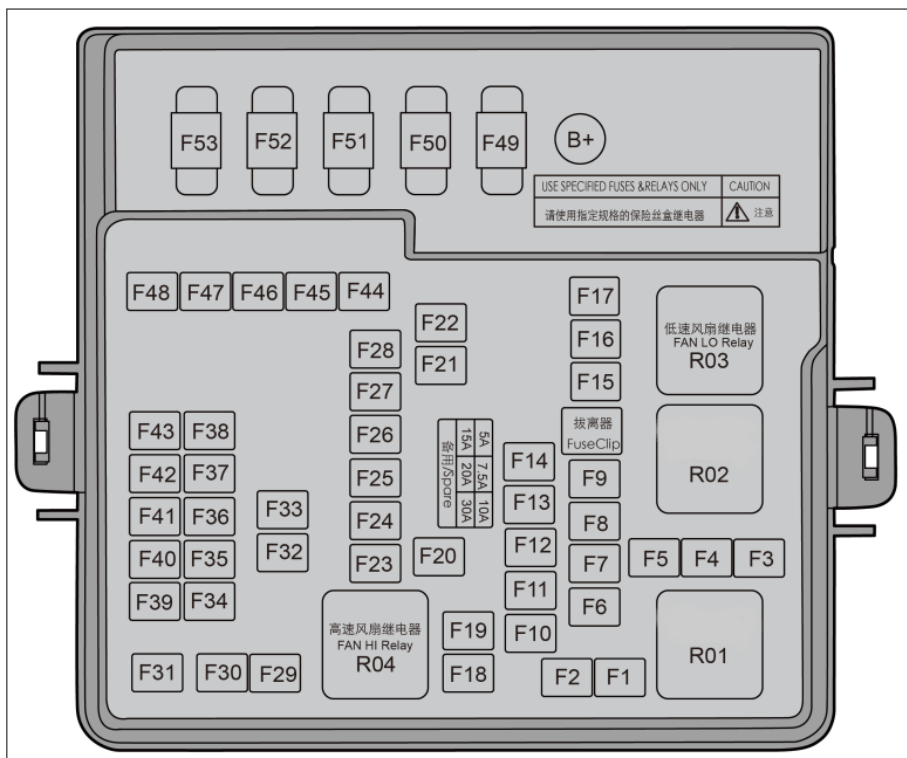
! REMINDER

- 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

! REMINDER

it at a BYD authorized dealer or service provider.

Under-Hood PDB Nameplate



S/N	Abe (A)	Protected Component or Circuit
F1	-	-
F2	40	Electronic fan
F3	-	-

S/N	Abe (A)	Protected Component or Circuit
F4	-	-
F5	-	-
F6	-	-
F7	-	-
F8	-	-
F9	10	Charge and distribution assemblies
F10	15	Left High Beam
F11	15	Right High Beam
F12	-	-
F13	-	-
F14	-	-
F15	7.5	electronic expansion valve
F16	-	-
F17	-	-
F18	-	-
F19	-	-
F20	10	Electrically controlled coolant pump
F21	30	Front wiper
F22	30	Rear windshield defroster
F23	10	Vehicle control unit
F24	10	Compressor
F25	10	BMS
F26	10	USB
F27	15	Auxiliary power
F28	15	Reserved ACC
F29	-	-

S/N	Abe (A)	Protected Component or Circuit
F30	60	ESC
F31	-	-
F32	-	-
F33	5	BMS
F34	-	-
F35	5	Rear body controller
F36	-	-
F37	7.5	ETC
F38	10	SRS
F39	5	ADAS
F40	5	组合 instrument
F41	5	EPS
F42	5	ESC
F43	-	-
F44	60	ESC
F45	40	Blower
F46	15	Left Low Beam
F47	15	Right Low Beam
F48	-	-
F49	200	Battery
F50	70	C-EPS
F51	-	-
F52	-	-
F53	-	-

Dashboard PDB Nameplate

注意 只能使用指定的保险丝和继电器
NOTE USE THE DESIGNATED FUSES AND RELAYS ONLY

31	
30	
29	
28	
27	
26	
25	
24	
23	

22	
21	30A
左前电动座椅	
P/SEAT FL	
20	30A
后车身控制器	
BDCU	
19	30A
后车身控制器	
BDCU	
18	10A
功放	
AMP	
17	
16	
15	
14	
13	
12	

11	7.5A
组合开关	
CS	
10	7.5A
无线充电模块	
CWC	
09	15A
预留常电	
08	20A
多媒体	
Medium	
07	5A
换挡面板	
SCPA	
06	
05	5A
组合仪表	
INS	
04	10A
诊断口	
OBD	
03	5A
制动灯开关	
STOP SW	
02	
01	

B+

EQEA-3722112

06

MAINTENANCE

No.	Abe (A)	Protected Component or Circuit
01	-	-
02	-	-

No.	Abe (A)	Protected Component or Circuit
03	7.5	Brake light switch
04	10	Diagnostic port
05	5	组合 instrument
06	-	-
07	5	Gearshift panel
08	20	Infotainment system
09	15	Reserved Constant power
10	7.5	Wireless charger
11	7.5	Combination switch
12	-	-
13	-	-
14	-	-
15	-	-
16	-	-
17	-	-
18	10	Power amplifier
19	30	Rear body controller
20	30	Rear body controller
21	30	Left front electric seat
22	-	-
23	-	-
24	-	-
25	-	-
26	-	-
27	-	-
28	-	-
29	-	-

No.	Abe (A)	Protected Component or Circuit
30	-	-
31	-	-



REMINDER

- Fuse amperage (such as the amperage of infotainment system fuse) may vary across vehicle configurations. Maintenance and replacement must be based on the actual configuration.

07

WHEN FAULTS OCCUR

When Faults Occur.....160

When Faults Occur

! REMINDER

- If the vehicle needs to be stopped urgently due to fault, please wear the reflective vest provided with the vehicle in time.

If Smart Key Battery is Exhausted

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

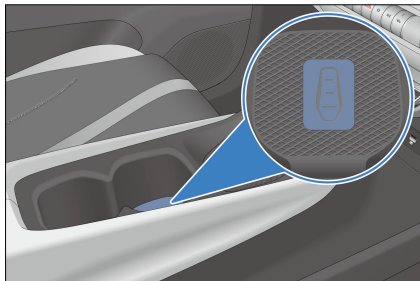
! CAUTION

- Do not place the smart key in a position exposed to high temperature.
- Do not hit or slam the key with hard objects.
- Put the key far away from a magnetic field.
- If the vehicle is not to be used after the vehicle enters the anti-theft state with doors locked, please keep the key far away from the vehicle to avoid low voltage battery consumption resulting from automatic key locating function.

1. Unlock with the mechanical key.
2. Depress the brake pedal and meanwhile press the START/ STOP button, and the smart key warning

light on the instrument cluster goes on, with a beep from the speaker.

3. Within 30s after a beep from the horn place the smart key close to the no-power mark. Then, a beep appears again, the smart key warning light goes out and the vehicle is started.
4. Starting the vehicle within 5 seconds after the humming.



Emergency Shutdown System

- The emergency shutdown system is activated and the high-voltage system is automatically shut down when the following conditions are met:
 - Airbags do not deploy after a frontal collision.
 - Rear collisions.
 - Vehicle system failure.
- If any of the above collisions and vehicle system failures occurs, the driving readiness indicator (OK indicator) goes off.
- Activating the emergency shutdown system in the noted types of collision minimizes the risk of injuries or accidents. The vehicle system cannot be switched into the OK status once the emergency shutdown system is activated. In that case, it is recommended to contact a BYD

authorized dealer or service provider. Even if the ignition switch is set to the OK position, the system will be turned off immediately. Therefore, it is recommended to come to or contact a BYD authorized dealer or service provider as soon as possible.

Vehicle Fire Rescue

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

1. Switch the ignition off, and get out of the vehicle.
2. If the fire is small and slow, use a dry powder fire extinguisher to put out the fire under the premise of ensuring personal safety, and call for help immediately.
3. If the fire is large and growing quickly, stay away from the vehicle and wait for rescue.



CAUTION

- Wear insulated gloves during vehicle disassembly. Use fire extinguishers of designated type. Water or incorrect fire extinguishers may cause electric shock.
- In case of flying objects (such as interior trim and glass) due to other special circumstances, stay away from the vehicle and promptly notify a BYD authorized dealer or service provider for on-site handling.

Battery Leakage Rescue

If the battery leaks after the vehicle collision, or there is acid smell in the vehicle or obvious acid outflow outside

the vehicle, smoke will appear inside the battery pack:

1. Switch the ignition off, and disconnect the low-voltage battery in the engine compartment if conditions permit.
2. It is recommended to call immediately a BYD authorized dealer or service provider for rescue.

If a Collision Occurs

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

1. Switch the ignition off, and disconnect the low-voltage battery in the engine compartment if conditions permit.
2. It is recommended to call immediately a BYD authorized dealer or service provider for rescue.
3. Carry out a simple inspection, if conditions permit: Check whether any edge of the high-voltage battery tray is cracked and whether any obvious liquid flows out.
 - In case of accidental contact with leaked fluid, rinse the affected area immediately with plenty of water for 10-15 minutes. If you feel pain, apply 2.5% calcium gluconate ointment or soak the area in 2%-2.5% calcium gluconate solution to alleviate the pain. If the condition does not get better or discomfort persists, seek medical help immediately.



WARNING

- Do not touch any spilled liquid, and stay away from a leaking vehicle or high-voltage battery.
- Do not dispose of the leaked fluid into the water or soil or other environment.

WARNING

- The vehicle system operates with high-voltage DC power. It generates a lot of heat before and after vehicle start-up and when the vehicle is powered off. Watch out for high pressures and high temperatures.
- Do not disassemble, move, or alter high-voltage battery components and connecting cables as their connectors can cause serious burns or electric shock and may result in personal injury or death. The orange cables are part of high-voltage wiring harness. Users must not repair the vehicle's high-voltage system by themselves. If any repair is required, it is recommended to go to a BYD authorized dealer or service provider for repair.
- The remote control key and high-voltage components of the vehicle may affect and harm people carrying medical devices.

If the Vehicle Needs Towing

If the vehicle needs 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.

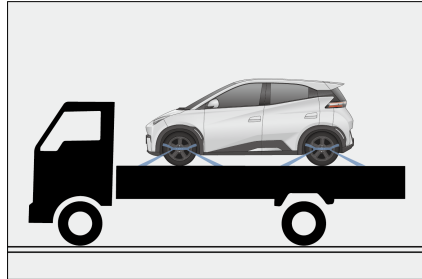
WARNING

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

Common towing methods include:

- Flatbed device

- When the vehicle is faulty and needs towing, a flatbed trailer is the best choice. There may be damage to high voltage components if the front wheels touch the ground.



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 tow eye in the tow eye opening.



REMINDER

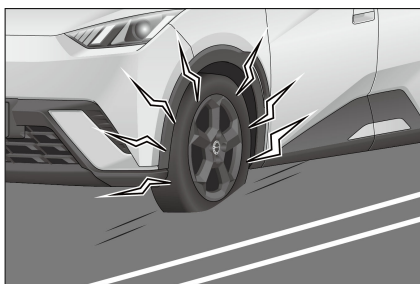
- It is not recommended to use the towing hook to tow the vehicle. It is better to contact a professional towing service provider or a roadside assistance service.

! REMINDER

- Only the in-vehicle tow eye can be used. Otherwise, your vehicle will be damaged.

If a Tire Goes Flat

- Maintain the lane position and gradually slow down the vehicle. Drive the vehicle off the busy road to a safe place. Park on solid, flat ground and avoid highway forks. Park on solid, flat ground.
- Pull EPB switch and press the P button.
- Power off the vehicle and turn on the hazard warning light.



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

! CAUTION

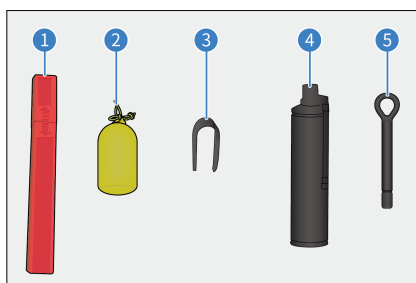
- Do not continue driving with a flat tire. Driving even a short distance can cause too severe damage for the tire to be repaired.

In-Vehicle Tools

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

In-Vehicle tools includes: warning triangle, reflective vest, removal clamp for wheel nut cap, jack rocker wrench, towing hook and so on.

- ① Warning triangle
- ② Reflective vest
- ③ Removal clamp for wheel nut cap
- ④ Automatic Tire Repair Fluid
- ⑤ Towing Hook



Placing the warning triangle

! REMINDER

- When parking for repair, remember to place the red triangle side facing oncoming vehicles, 100-200 meters away from the vehicle. After the repair, recover the warning triangle for future use.

The warning triangle is used to warn drivers of vehicles coming from behind and to avoid risk of collision with the vehicle ahead being parked or repaired due to high speed or late braking.

How to use the warning triangle:

1. Take the warning triangle out of its box.

2. Open the warning triangle to form a closed triangle.
3. Release its supports to create a pattern as shown.



Automatic Tire Repair Fluid

- The tire repair fluid can be used to seal small cuts, especially in the tread pattern. The tire repair fluid is only for emergency purposes so that you can drive the vehicle to the nearest maintenance center, and even if the tire does not leak, you can only drive for short distances in an emergency.

WARNING

- The tire sealant can repair holes within 6 mm in diameter. If the diameter is larger than 6 mm or the hole is in another position on the tire, do not use this product. Call for roadside assistance.
- Tire sealant is highly flammable and harmful to health. Take the necessary precautions to prevent fire and avoid contact with skin, eyes and clothing; keep away from children; and do not inhale its vapor.

In case of contact with tire sealant:

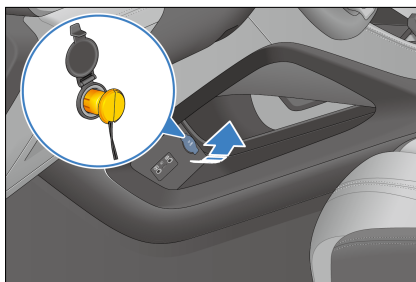
- If tire sealant comes into contact with the skin or gets into the eyes, thoroughly flush the

WARNING

affected body part immediately with plenty of clean water.

- Change contaminated clothing immediately.
- In case of an allergic reaction, seek medical attention immediately.
- If tire sealant is ingested by accident, rinse mouth thoroughly and drink plenty of water immediately. Do not induce vomiting, but seek medical attention immediately.

- Please refer to the instruction manual of automatic inflatable tire repair fluid for detailed use of tire repair fluid, or scan the QR code on the instruction manual view the operation video.
- If the inflator needs to be connected to the power supply, please connect the power plug to the 12V outlet in the vehicle, start the vehicle, and turn on the inflator switch. The tire repair device is filled into the tire together with air through the hose of the inflator.



REMINDER

- When plugging the power plug into the backup power supply in

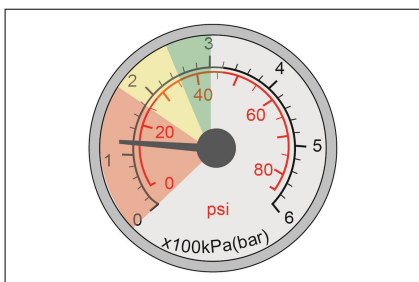
! REMINDER

the vehicle, make sure that the inflator pump is turned off.

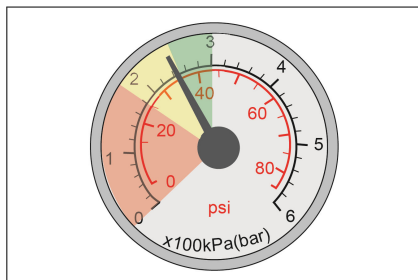
- The inflator can only be turned on for up to 10 minutes.
- The working current of the backup power supply is less than 10A.
- During use, the voltage and power should not exceed the rated voltage of 12V and rated power of 120W marked on the backup power supply, otherwise, there are potential safety hazards.

! WARNING

- When starting the vehicle, the vehicle should be located outdoors or in a well-ventilated place (such as a building). Running the engine in a nonventilated or poorly ventilated place may cause suffocation.
- Observe the tire pressure gauge reading on the inflator.
- If the tire pressure does not reach 180 kPa (1.8bar) within 10 minutes (red area shown in the figure), turn off the inflator. You are recommended to contact a BYD authorized dealer or service provider.



- If the tire pressure is between 180 kPa and 300 kPa (yellow and green areas shown in the figure), unplug the kit as soon as possible and drive at a speed below 80 km/h within 1 minute for up to 10 km, so that the tire sealant is evenly distributed in the tire.



- Stop and check the repaired tire, and observe again the tire pressure gauge reading on the inflator.
- If the tire pressure is greater than 250 kPa (2.5 bar), drive to the nearest service center at a speed below 80 km/h.
- If the tire pressure is between 200 to 250 kPa (2.0 to 2.5 bar), inject the tire sealant into the tire and observe the tire pressure readings on the inflator.
- If the tire pressure does not reach 200 kPa (2.0 bar), contact a BYD authorized dealer or service provider.

! REMINDER

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

 REMINDER

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

08

SPECIFICATIONS

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Vehicle Data

Vehicle Data

Dimensions

Item	Data	
Length (mm)	3780	3780
Width (mm) (excluding external mirrors)	1715	1715
Height (mm)	1580	1580
Wheelbase (mm)	2500	2500
Front track (mm)	1500	1500
Rear track (mm)	1500	1500
Front overhang (mm)	655	655
Rear overhang (mm)	625	625
Approach angle (°)	17	17
Departure angle (°)	27	27

Vehicle mass

Item	Data	
Curb weight (kg)	1160	1240
Curb weight - front axle load (kg)	667	710
Curb weight - rear axle load (kg)	493	530
Gross combined weight rating (GCWR) (kg)	1488	1568
Front axle load in GCWR (kg)	769	810
Rear axle load in GCWR (kg)	719	758
Number of occupants (persons)	4.	4.

Drive motor parameters

Item	Data	
Drive Motor Model	TZ180XSH	TZ180XSH
Type	Permanent magnet synchronous motor	Permanent magnet synchronous motor
Drive type	2WD	2WD
Rated power/revolving speed/torque (kW/RPM/ $N \cdot m$)	25/3890/50	25/3890/50
Peak power/revolving speed/torque (kW/rpm/ $N \cdot m$)	55/15000/135	55/15000/135

Vehicle power performance and economic efficiency

Item	Data	
Power consumption per 100 km under comprehensive working conditions (kW · h/100 km)	NEDC:11.6	NEDC:11.8
	WLTC:14.6	WLTC:15.0
Maximum design speed	130	130
Maximum gradeability (%)	≥ 25	≥ 25

Wheels and tires

Item	Data	
Tire specification	175/55R16 80H	175/55R16 80H
Tire pressure (kPa)	250	250
Wheel dynamic balance requirement (g)	≤ 10	≤ 10

Wheel alignment parameters (under curb weight):

Item	Data	
Front wheel camber (°)	$-0.21^{\circ} \pm 0.75^{\circ}$	$-0.21^{\circ} \pm 0.75^{\circ}$
Front wheel toe-in (mm)	$0.13^{\circ} \pm 0.1^{\circ}$	$0.13^{\circ} \pm 0.1^{\circ}$
Kingpin inclination angle (°)	$10.9^{\circ} \pm 0.75^{\circ}$	$10.9^{\circ} \pm 0.75^{\circ}$

Item	Data	
Kingpin caster angle (°)	$3.11^{\circ} \pm 0.75^{\circ}$	$3.11^{\circ} \pm 0.75^{\circ}$
Rear wheel camber (°)	$-0.57^{\circ} \pm 0.75^{\circ}$	$-0.57^{\circ} \pm 0.75^{\circ}$
Rear wheel toe-in (mm)	$0.03^{\circ} \pm 0.24^{\circ}$	$0.03^{\circ} \pm 0.24^{\circ}$

Braking system

Item	Data	
Free stroke of brake pedal (mm)	1~5	1~5
Front brake disc thickness (mm)	23~25	23~25
Rear brake disc thickness (mm)	7~9	7~9
Thickness of front brake pad (mm)	2.5~8	2.5~8
Thickness of rear brake pad (mm)	2~6.5	2~6.5

High-voltage Battery

Item	Data	
High-voltage battery type	Lithium iron phosphate battery	Lithium iron phosphate battery
Rated capacity of traction battery (Ah)	100	135

Seats

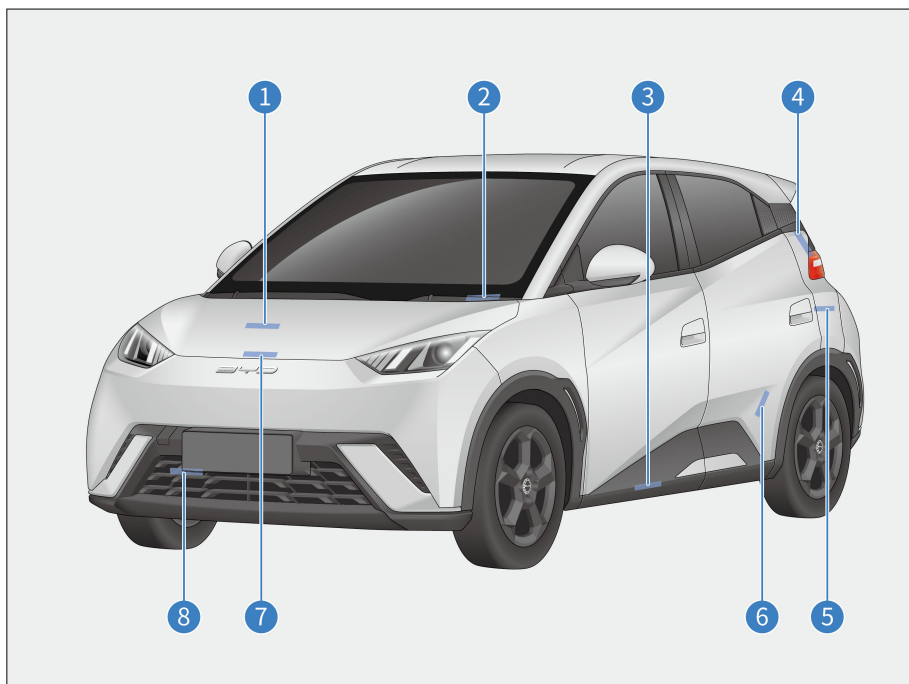
Item	Data	
(when measuring cushion depth) Forward and backward positions of front seats	forward from the farthest slide rail stroke 30mm	forward from the farthest slide rail stroke 30mm
(when measuring cushion depth) Seatback angles of front seats	23°	23°
Normal service conditions of front seatbacks	Design position of the backrest	Design position of the backrest

Item	Data	
	22.5° forward and 52.5° backward	22.5° forward and 52.5° backward
	slide rail	slide rail
	210 mm forward and 30 mm backward	210 mm forward and 30 mm backward
	Angle: 4.5°	Angle: 4.5°
(when measuring cushion depth) Forward and backward positions of rear seats	Non-adjustable	Non-adjustable
(when measuring cushion depth) Seatback angles of rear seats	27°	27°
Normal service conditions of third-row seatbacks	Non-adjustable	Non-adjustable
Fluid		
Item	Data	
Brake fluid type	BASF DOT4/SINOPEC HZY6	BASF DOT4/SINOPEC HZY6
Brake fluid amount (L)	(1± 0.05) L	(1± 0.05) L
Model of transmission gear oil	Castrol BOT384/Castrol BOT383(Castrol ON EV Transmlssion Fluid W5)	Castrol BOT384/Castrol BOT383(Castrol ON EV Transmlssion Fluid W5)
Amount of gearbox oil (L)	0.55±0.05L	0.55±0.05L
Motor coolant type	-40°C freezing point long-acting organic acid coolant	-40°C freezing point long-acting organic acid coolant
Motor coolant amount (L)	Radiator 2.2±0.2L, Auxiliary Radiater 0.7±0.2L	Radiator 2.2±0.2L, Auxiliary Radiater 0.7±0.2L
Model of A/C refrigerant	R134a	R134a
Amount of A/C refrigerant (g)	450g±10g	450g±10g

Information

Vehicle Identification

Vehicle Identification Number (VIN)



① Attached to the gearbox

② Attached to the VIN slot on the upper cover of the front windshield cross sill

③ Attached to inner sheet metal surface of front left door

④ Attached to the outer plate of the left rear water tank;

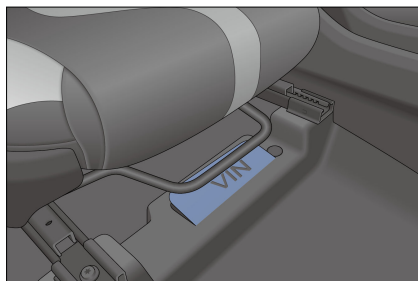
⑤ Attached to the upper side of rear left wheel

⑥ Attached to the back floor;

⑦ Attached to the lower side of the lock ring of the front cabin cover

⑧ Attached to the sheet metal on the right side of the front anti-collision beam

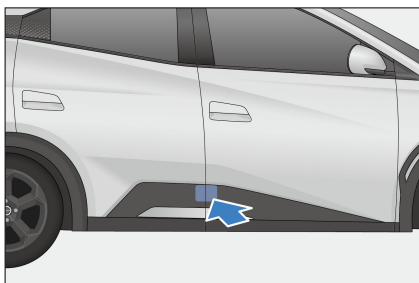
The VIN code is engraved on the lower beam of the co-pilot seat



Note: VIN can be read in the upper right corner by connecting the vehicle VDS and selecting the vehicle type. For details, please refer to the VDS instruction manual.

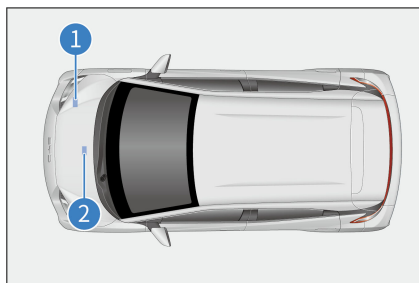
Vehicle Nameplate

Paste on the sheet metal plane below the right B-pillar, containing the following information: Company name, brand name, manufacturing country, vehicle model, number of passengers, manufacturing year, driving motor model, peak power of driving motor, rated voltage of power battery system, rated capacity of power battery system, vehicle identification code, maximum allowable total mass.



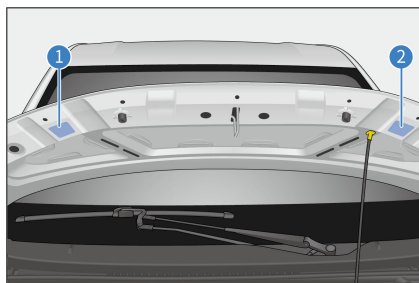
Model and Serial Number of Drive Motor

- ① The model and number are engraved on lower part of the drive motor housing.
- ② The model and number of the drive motor are attached to the lower part of the inner panel of the hood.

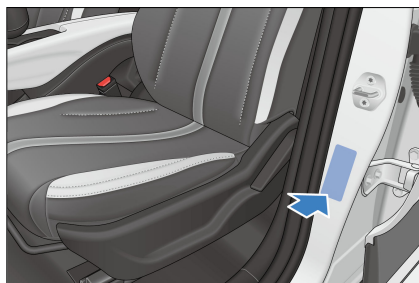


Warning Labels

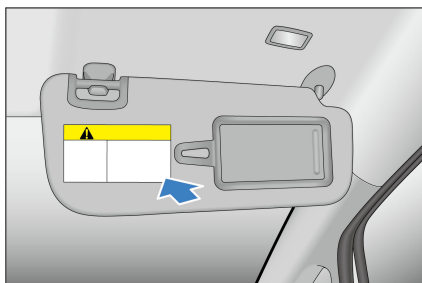
- ① Air conditioning system and cooling fan labels
- ② Battery location label



Side airbag warning labels are attached under the left and right B-pillar locking rings.



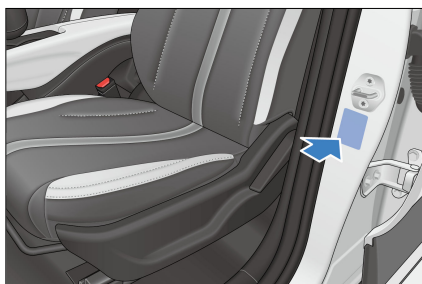
The airbag warning label is hot stamped on the right sun visor.



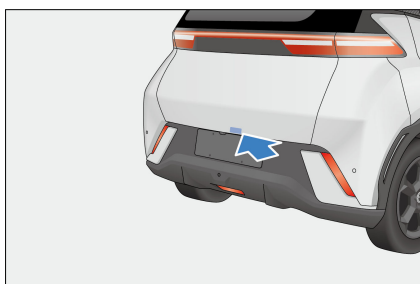
The tire pressure label is attached under the left B-pillar locking ring.



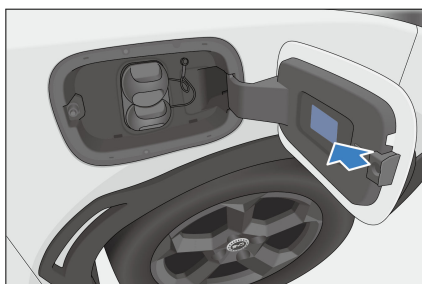
The boot lid opening label is pasted above the opening switch on the right side of the boot lid.



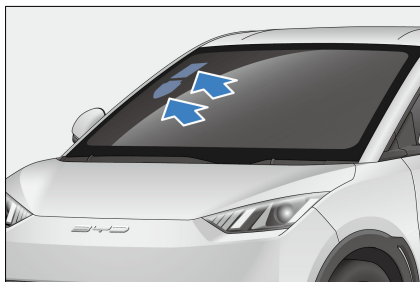
The label showing charging connector removal precautions is attached to the inner surface of the AC charge port door.



Automobile energy consumption logo and warranty label are pasted on the right side of the front windshield.

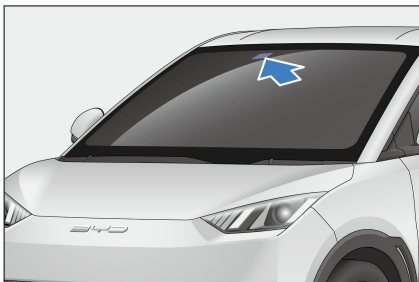


The child protection lock logo is engraved on the sheet metal surface of left and right rear doors.



Transponder Mounting Position

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



Declaration of Conformity

Smart Key


CAUTION

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

	Uzbekistan Model: D0-92
	EU countries Model: D0-92
 13120-22-14807	Brazil Model: D0-92 This equipment is not entitled to protection against harmful interference and may not cause interference to duly authorized systems.
FCC ID: 2A5DHD0-315	America Model: D0-315
  214-118832	Japan Model: D0-315

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