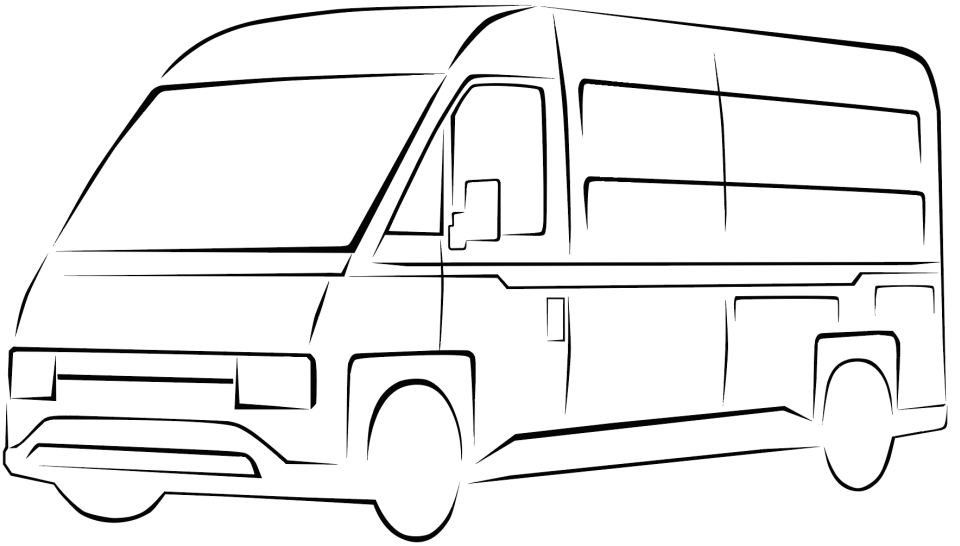
BYD VDE

OWNER'S MANUAL



Introduction

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

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

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

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

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

WARNING

Items that must be observed to ensure personal safety.

CAUTION

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

REMINDER

Items that must be observed to facilitate maintenance.

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

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

Sustainability

As a pure electric passenger vehicle, BYD E-VALI 7 is an environmentally friendly product. Please visit https://reach.bydeurope.com for environmental protection information about the vehicle.

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

Contact Us

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

E-mail: Autoservice.contact@byd.com

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

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Figure Index

Exterior.....7
Dashboard..... 8
Interior..... 9
Doors..... 10

Safety

Seat Belts.....12
Seat Belt Overview..... 12
Using Seat Belts.....12
Airbags..... 15
Airbag Overview..... 15
Airbag Types..... 16
Airbag Triggering Conditions and Precautions.....17
Anti-theft Alarm System.....21
Anti-theft Alarm System.....21
Data Collection and Processing..... 21
Data Collection and Processing.....21

Instrument Cluster

Instrument Cluster..... 26
Instrument Cluster View.....26
Instrument Cluster Indicators.....27

Controller Operation

Doors and Keys.....40
Keys.....40
Locking/Unlocking Doors..... 42
Smart Access and Start System..... 46
Seat..... 48
Seat Precautions..... 48
Adjusting Seats..... 49
Adjusting Head Supports..... 50
Front Passenger Seat Features..... 50
Steering Wheel..... 52
Steering Wheel Switches.....52
Adjusting the Steering Wheel.....55
Wipers..... 56
Wiper Switch.....56
Replacing Wiper Blades..... 57
Side Mirror..... 58
Power Side Mirrors..... 58
Switches..... 58
Light Switches..... 58
Driver's Door Switches..... 60
Window Control Switch on Passenger's Side.....61
Mode Switches..... 62
Hazard Warning Light Switch.....62
Interior Light Switch.....62
Emergency Call (E-Call).....63

Using and Driving

Charging/Discharging Instructions.... 66
Charging Instructions.....66
Charging.....71
Discharging Equipment..... 78
Charge Port Anti-theft Lock..... 81
Driving Range Display..... 82
Regenerative Braking Settings.....83
Batteries..... 84
High-Voltage Battery..... 84
Low-Voltage Battery (12 V).....87
Usage Precautions.....88
Break-in Period.....88

Trailer Towing.....88
Driving Safety Precautions.....96
Vehicle Use Suggestions..... 96
Saving Energy and Extending Vehicle Service Life.....97
Carrying Luggage..... 98
Wading into Water.....99
Fire Prevention..... 100
Marine Support.....101
Starting and Driving.....102
Starting the Vehicle..... 102
Driving.....103
Gear Shift Controls..... 104
Electronic Parking Brake (EPB).....105
Automatic Vehicle Hold (AVH).....108
Driving Precautions.....109
Driving Assistance.....112
Adaptive Cruise Control (ACC)*.....112
Intelligent Cruise Control (ICC)..... 116
Forward Collision Warning (FCW) and Automatic Emergency Braking (AEB).....118
Traffic Sign Recognition (TSR)..... 122
Intelligent Speed Limit Control (ISLC)..123
Intelligent High Beam Control (IHBC).. 123
Lane departure assist (LDA)..... 125
Emergency Lane Keeping Assist (ELKA).....127
Blind Spot Assist (BSA)*..... 128
Blind Spot Information System (BSIS). 130
Motor Vehicle Operations Information System (MOIS).....131
Driver Monitoring Systems (DMS).....133
In-cabin Motion Detection..... 134
Tire Pressure Monitoring.....135
Acoustic Vehicle Alerting System (AVAS).....136
Around View Monitor (AVM) System (AVM)*..... 137
Parking Assist System..... 138
Driving Safety Systems.....142
Other Main Functions.....146
Pickup Bed Monitoring.....146
Unloading Guard..... 147

In-Vehicle Devices

Infotainment System..... 150
Infotainment Touchscreen.....150
Navigation Bar.....151
Gestures and Responses..... 151
OTA Updates*.....151
BYD Assistant..... 152
Bluetooth call..... 152
File Management.....152
A/C System..... 153
A/C Panel.....153
A/C Operation Interface..... 153
Function Definitions.....154
Switching on A/C with Cloud Service App.....156
Vents..... 157
BYD App..... 157
About BYD App.....157
Account Registration..... 157
Vehicle Condition and Control.....157
Individual Center and Vehicle Management.....158
Storage..... 158
Door Bins..... 158
Glove Box..... 158
Mid-mounted storage box.....158
Dashboard storage box..... 159

Cup Holders..... 159
Refrigerator.....159
Refrigerator*..... 159
Other Devices..... 161
Sun Visor..... 161
Grab Handles..... 162
Hanger..... 162
USB Ports..... 162
SD Card Slot..... 163
12V Auxiliary Power..... 163
Wireless Phone Charger*..... 164

Maintenance

Maintenance Information.....168
Maintenance Cycle and Items..... 168
Regular Maintenance..... 171
Regular Maintenance..... 171
Vehicle Corrosion Prevention..... 172
Paint Maintenance Tips..... 172
Vehicle Cleaning..... 173
Interior Cleaning..... 174
Self-Maintenance.....176
Self-Maintenance..... 176
Vehicle Storage..... 178
Hood..... 178
Cooling System..... 180
Braking System..... 180
Windshield Washer..... 181
A/C System..... 181
Wiper Blades..... 181
Tires..... 182
Fuses..... 185

When Faults Occur

When Faults Occur..... 188
Reflective Vest..... 188
If Smart Key Battery Is Exhausted..... 188
Emergency Shutdown System..... 188
Vehicle Fire Rescue..... 189
Battery Leakage Rescue..... 189
If the Vehicle Needs Towing..... 190
If a Tire Goes Flat..... 191
Using the Spare Tire..... 194

Specifications

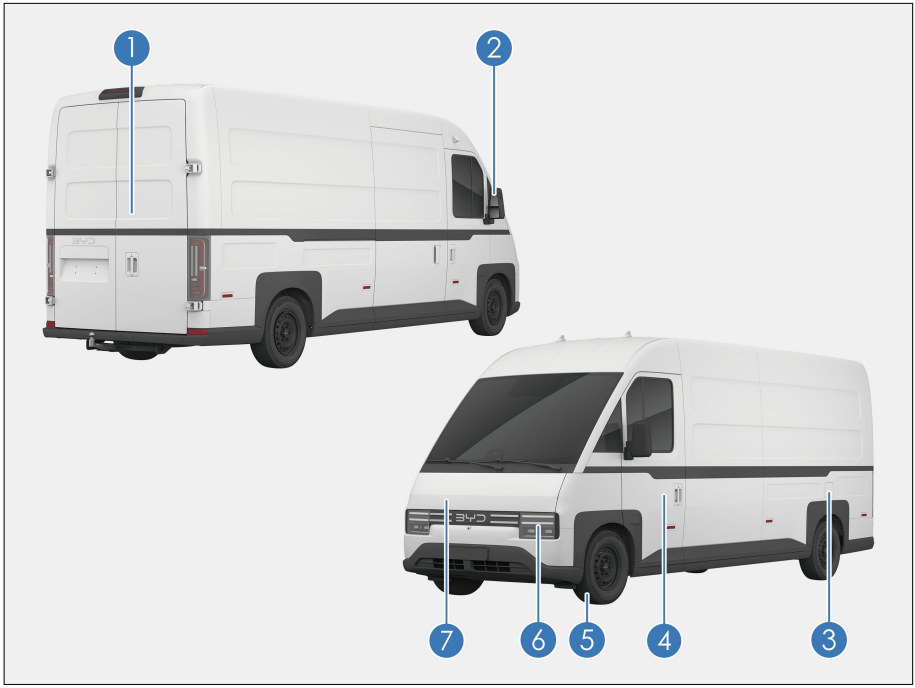
Vehicle Data..... 200
Vehicle Data..... 200
Information.....204
Vehicle Identification..... 204
Warning Labels..... 205
Transponder Mounting..... 206
Declarations of Conformity..... 207
Declarations of Conformity..... 207

Abbreviations

Abbreviations.....215

Figure Index

Exterior



1 Tailgate ***P45***

Loading the Pickup Bed ***P98***

2 Power Side Mirrors ***P58***

3 Check Before Charging ***P71***

Using Mode 2 Charging Cable ***P71***

Using AC Charging Piles ***P75***

Using DC Charging Piles* ***P76***

4 Locking/Unlocking Doors ***P42***

5 Tires ***P182***

If a Tire Goes Flat ***P191***

Using the Spare Tire* ***P194***

6 Light Switches ***P58***

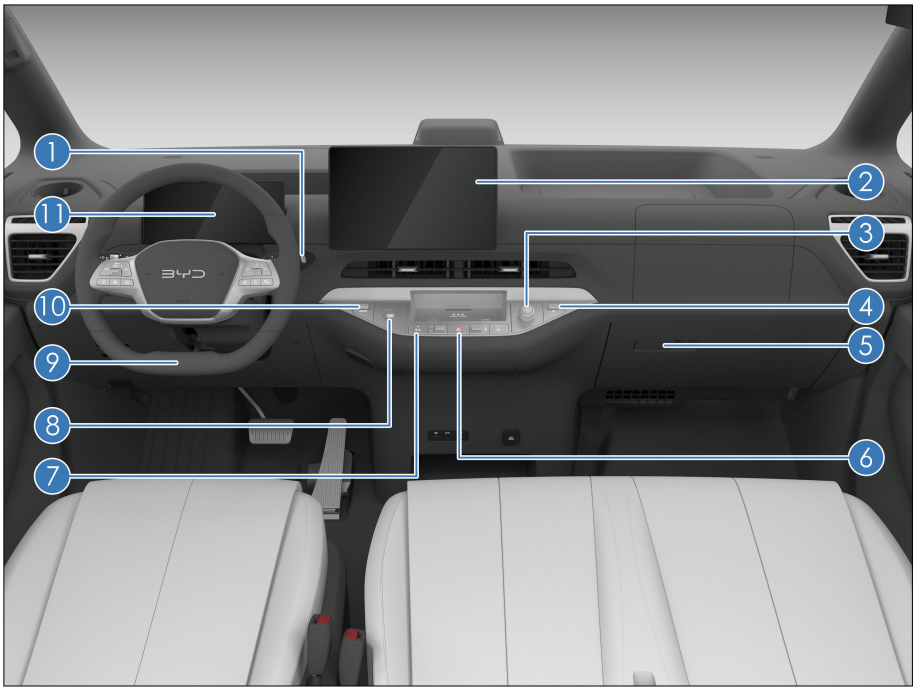
7 Hood ***P178***

Cooling System ***P180***

Braking System ***P180***

Windshield Washer ***P181***

Dashboard



1 Gear Shift Controls ***P104***

2 Infotainment Touchscreen ***P150***

3 Volume Knob ***P150***

4 Regenerative braking adjustment ***P62***

5 Glove Box ***P158***

6 Hazard Warning Light Switch ***P62***

7 A/C Buttons ***P153***

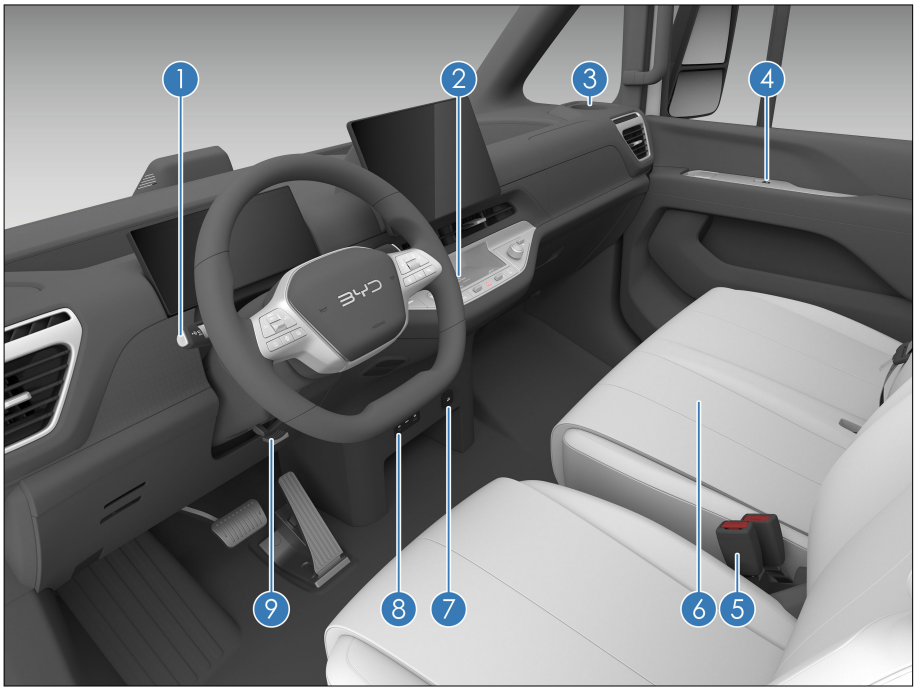
8 Starting the Vehicle ***P102***

9 Steering Wheel Switches ***P52***

10 Driving Mode Adjustment ***P62***

11 Instrument Cluster ***P26***

Interior



1 Light Switches ***P58***

Wiper Switch ***P56***

2 Wireless Phone Charger ***P164***

3 Cup Holders ***P159***

4 Passenger's Window Switches ***P61***

5 Seat Belts ***P12***

6 Flip-Forward Front Passenger's Seat* ***P50***

Under-Seat Storage Drawer ***P51***

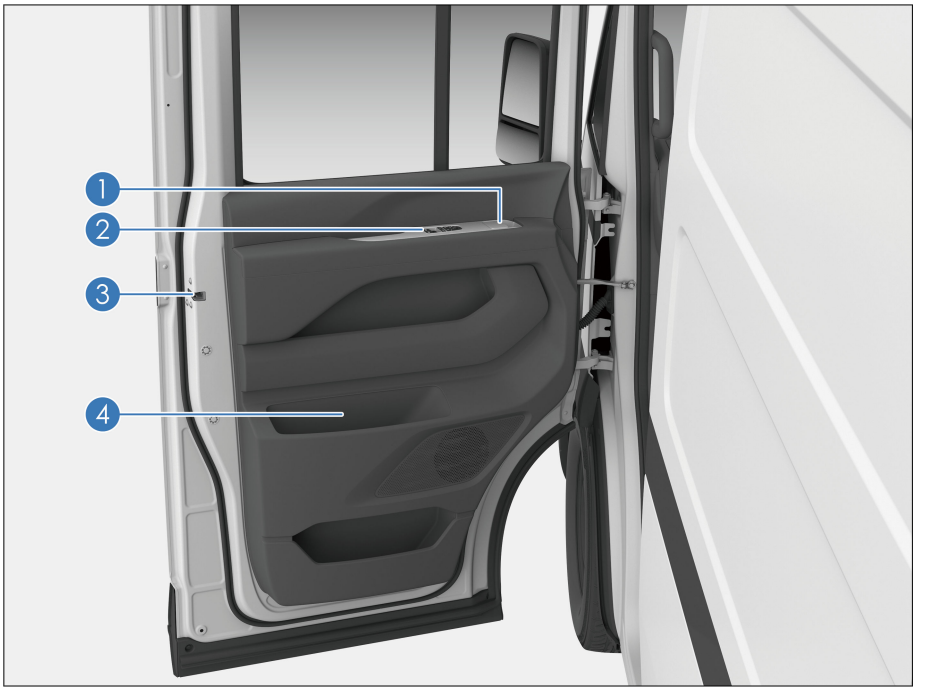
Refrigerator* ***P159***

7 12V Auxiliary Power ***P163***

8 USB Ports ***P162***

9 Adjusting the Steering Wheel Manually ***P55***

Doors



1 Opening with Interior Door Handle ***P42***

2 Power Window Switches ***P60***

Central Locking ***P61***

Power Side Mirrors ***P58***

3 Emergency Vehicle Locking with Mechanical Key ***P46***

4 Door Bins ***P158***

01 SAFETY

Seat Belts..... 12
Airbags..... 15
Anti-theft Alarm System..... 21
Data Collection and Processing..... 21

Seat Belts

Seat Belt Overview

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

WARNING

- Before driving, make sure all occupants are properly buckled up to prevent serious injury or death in emergency braking or in a collision.
- The seat belts are designed primarily to fit adults and are not intended for children.
- If a seat belt is damaged or malfunctions, immediately contact a BYD authorized dealer or service provider for confirmation and handling. Until then, do not use the corresponding seat.

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

Emergency Locking Retractor Function

- This vehicle is equipped with emergency locking seat belts. During the sharp turn, emergency braking and collision process, or when the occupant leans forward too quickly, the seat belt retractor will lock into position to protect the occupant.
- When the vehicle travels smoothly, seat belts are pulled out and retracted as the occupants move slowly and smoothly, allowing the occupants to move freely.
- If the seat belt locks due to sudden retraction of emergency locking, pull on the seat belt webbing to create retractable slack in order to pull out the seat belt.

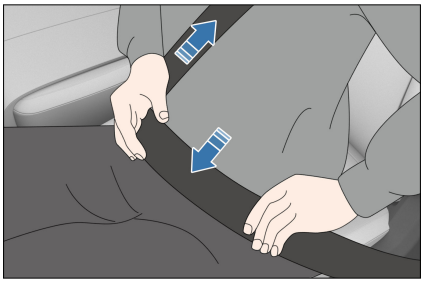
Pretensioner and Force Limiter Function*

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

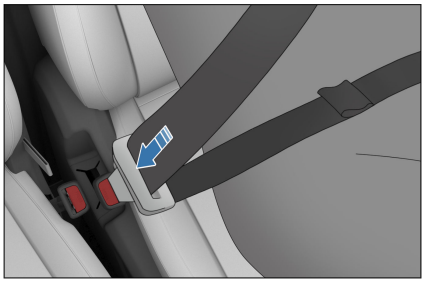
Using Seat Belts

1. Adjust the seat position and seatback angle (see ***P49***).
2. Adjust the position of the three-point seat belt.

- Keeping a proper sitting posture, pull the seat belt out so that it is diagonally across the chest. The belt should not go under the arm or across the back of the neck.
- Keep the lap section of the belt as close as possible to the hips.



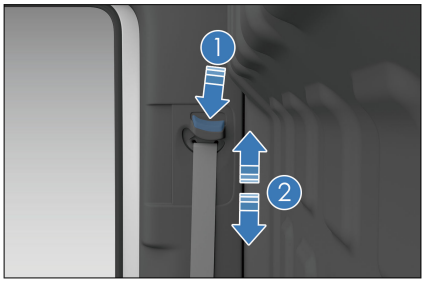
3. Insert the latch into the buckle until it clicks, and then pull it back to make sure it is firmly locked. Do not fasten the belt with any part of the strap twisted.



4. Adjust the height of the seat belts for optimum comfort and protection.

① Press the adjuster release button.

② Move the adjuster up or down to the intended position and release it.



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

WARNING

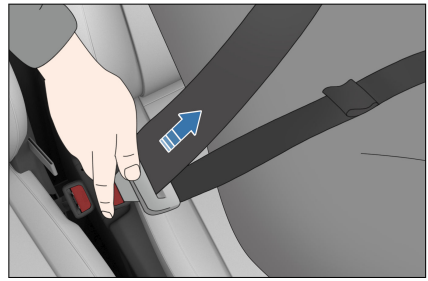
- The shoulder belt should cross the center of the shoulder, The seat belt should be far from the neck and not be liable to slip from the shoulder, otherwise, it cannot function well in the event of emergency braking or accident and may even cause severe injury.

WARNING

- The lap belt should be positioned as low as possible around the hips to avoid serious injury due to the intense lap belt forces against the abdomen in an accident.
- The seat belt should be fitted tight to the body for better protection.

6. Unlock the seat belt.

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



WARNING

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

WARNING

other abnormalities. If any problem is found, contact a BYD authorized dealer or service provider for confirmation and handling. Until then, do not use the corresponding seat.

- Do not remove, disassemble, or modify the seat belts.
- After an accident, have the seat belts checked at a BYD authorized dealer or service provider. Seat belts with pretensioner function activated must be replaced.
- Use an approved model whenever you replace the seat belt.
- In the event of a serious accident, even if there is no apparent damage, the seat belt should be replaced along with the seat assembly. The airbag system should also be thoroughly inspected.
- Pregnant women need to fasten the seat belts properly and position the lapbelt as low as possible around the hips to avoid serious injury from the intense lap belt forces against the abdomen in an accident.
- The method of wearing a rear seat belt is the same as that for a front seat belt. For normal functioning of the rear seat belt, ensure that its latch is inserted into the corresponding buckle during use. The driver should remind passengers to wear seat belts properly.
- Do not insert foreign objects such as coins and clips into the buckle as they prevent proper connection between the latch and buckle.

Seat Belt Reminders

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

- Seat belt reminder indicator

  Any unfastened seat belt triggers this indicator to light up and flash as required.

- Unfastened belt display

  The indicator for the seat with unfastened seat belt lights up on the instrument cluster, and is steady on in case of abnormal conditions in the vehicle.

- Unfastened seat belt reminder

  If any vehicle occupant has not buckled up after the ignition is switched on, the seat belt reminder indicator and the indicator associated with the corresponding seat light up. If the seat belt remains unfastened while driving, in addition to the reminder indicator, an audible alarm is given to alert the driver and the occupants.

- When the driver and passengers have buckled up, the seat belt reminder indicator turns off and all indicators displayed for the corresponding seats turn off on the instrument cluster.

WARNING

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

WARNING

or death in emergency braking or in a collision.

Airbags

Airbag Overview

- Airbags are a part of the supplemental restraint system (SRS) and also a supplement to seats and seat belts. When the vehicle is involved in a serious collision and the airbag system meets its deployment conditions, relevant airbags will rapidly deploy and, along with seat belts, provide additional protection for heads and chests of the occupants to reduce the risk of personal injury or even death.
- Airbags are divided into front and side types according to the type of collision in which they are designed to deploy. The front airbags include a driver airbag and a front passenger airbag, while the side airbags include front side airbags and side curtain airbags.
- As an integral part of the vehicle's passive safety protection system, the airbag system does not replace seat belts, and must be used in combination with seat belts to maximize protection.

WARNING

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

WARNING

- Non-BYD genuine seat covers may worsen the airbag performance or result in injury.
- Do not place anything between a side airbag and the occupant.
- Do not apply excessive force to the side of seats equipped with side airbags.
- After a crash, even if the airbag did not deploy and the pretensioner did not lock the seat belt, contact a BYD authorized dealer or service provider for inspection as soon as possible to ensure that the airbag system functions correctly.

Airbag fault warning light

- The airbag system is monitored by the ECU and has a self-diagnosis function. The system status is indicated by the warning light on the instrument cluster.
- With the ignition on, if the airbag warning light stays on for about five seconds and then disappears, the system is running smoothly.

WARNING

- The airbag warning light stays on in the presence of certain system faults. In that case, head to a BYD authorized dealer or service provider for inspection as soon as possible to prevent system malfunction.
- If the vehicle is ingressed with water (wet carpet or vehicle submerged in water) or damaged by water, do not start the vehicle and the low-voltage battery needs to be disconnected. Otherwise,

WARNING

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

Airbag Types



① Driver airbag

② Front passenger airbag*

③ Side airbags*

④ Curtain airbags*

Driver and Front Passenger Airbags

- The driver airbag is mounted inside the steering wheel and the front passenger airbag is mounted inside the dashboard, both marked with "AIRBAG". When a moderate to severe impact is detected while the vehicle is powered on and the triggering conditions are met, the airbag deploys to reduce the risk of injury.

Front airbag deployment

- In moderate to severe frontal crashes, a sensor detects a sharp deceleration and sends a signal to the ECU to trigger the front airbags.
- When there is a frontal crash, the seat belt secures the occupant's lower body and torso in place. The airbag cushions and protects the occupant's head and chest.
- When the severity of the impact does not reach the airbag deployment threshold, seat belts provide enough protection.

- The front airbag deflates immediately after inflation, without affecting the driver's vision and ability to operate the steering wheel or other controls.
- A loud noise will be heard when the airbag deploys. It will not cause injury, but it may cause tinnitus or temporary deafness.
- A cloud of dust from the airbag surface may come off when the airbag deploys. Although such powder is non-toxic, individuals with respiratory problem might experience some temporary discomfort.

WARNING

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

Seat Side Airbags*

- The seat side airbags* are mounted on the outside of seatbacks, marked with "AIRBAG". When a moderate to severe side impact is detected during vehicle travel and the triggering conditions are met, the airbag deploys to protect the chest of the occupant on the side of collision.

WARNING

- If the seatbacks get wet from rain or splashes, the side airbag system may not work properly.
- Do not cover or replace seatback covers on you own. Unsuitable seatback cover replacements or covers may prevent airbag deployment in a collision.

CAUTION

- In the event of a side impact, the airbag on the impacted side deploys when the airbag system meets its deployment conditions.
- For optimal side airbag protection, occupants must have their seat belts fastened and sit upright against the seatback.

Side Curtain Airbags*

- The left and right side curtain airbags are mounted at the junctions of the side wall and the ceiling, marked with "AIRBAG" on the upper side guard.. When a moderate to severe impact is detected while the vehicle is powered on and the triggering conditions are met, the side curtain airbag deploys to protect the head of the occupants.

CAUTION

- For optimum curtain airbag protection, the occupant must have their seat belt fastened and sit in an upright position.

Airbag Triggering Conditions and Precautions

Airbag Triggering Conditions

- Airbag triggering conditions: The airbag system may be triggered in certain collisions. Whether a vehicle collision will trigger the airbag(s) is decided by factors such as the amount of collision energy, accident type, collision angle, obstacles and vehicle speed.
- The airbag system does not always work in any accident, and generally it

will not be triggered in the event of a minor frontal collision, rear collision or rollover. In this case, the driver and passengers are protected by their properly fastened seat belts.

- Determinants of airbag system triggering: The electronic control unit (ECU) captures the deceleration curve and other signals of the vehicle during a crash. If they are lower than the threshold values set in the ECU, the airbag system will not be triggered even if the vehicle is seriously deformed in the accident.
- The ECU of the BYD airbag system has been set up with considerations of common misuse and road conditions. However, due to the increasing changes in causes and forms of vehicle collisions, for your safety, please strictly follow this user manual, use the vehicle correctly, and avoid its misuse. Otherwise, there is no guarantee that the airbags will achieve their expected effect.

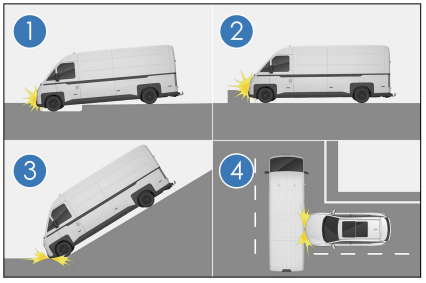
Cases When Airbags May Be Deployed

① The vehicle's nose hits the ground when crossing a deep groove.

② The vehicle hits a bump or curbstone.

③ The vehicle's nose hits the ground when going down a steep slope.

④ One side of the vehicle is hit by another vehicle.



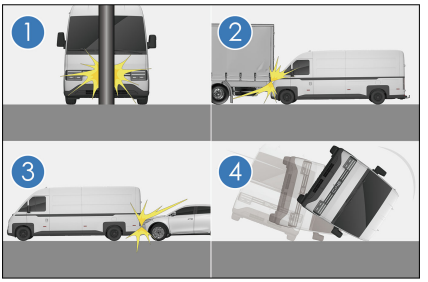
Cases When Airbags May Not Be Deployed

① The vehicle hits a concrete column, tree, or other slim objects.

② The vehicle goes under a truck or another large vehicle.

③ The tail of the vehicle is hit by another vehicle.

④ The vehicle rolls over.

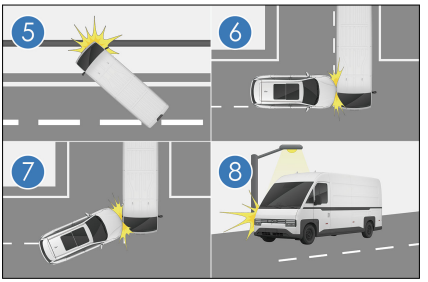


⑤ The vehicle hits a wall or a vehicle at a side other than the front side.

⑥ Parts other than the passenger compartment receive side impact.

⑦ The lateral side of the vehicle is hit diagonally.

⑧ The lateral side of the vehicle hits a columnar object.



WARNING

- Airbags are designed for specific models. Any changes to

WARNING

suspension, tire size, bumpers, chassis and factory-equipped devices may adversely affect the airbag system. Users must not use any parts of the airbag system on other vehicle models; doing so may lead to failure of the airbag system.

- Drivers should maintain a distance of at least 25 cm between their chest and the steering wheel, in order for the system to provide the most effective protection.
- When the airbag system deploys, the airbag reaction high temperature gas will be discharged from the airbag vent. Drivers should avoid touching its parts and keep hands holding the steering wheel in the correct position, otherwise there is a possibility of burns when the airbag deploys.
- Fasten your seat belt and sit properly while the vehicle is in motion. If the seat belt is not fastened, and the occupant is leaning forward or sitting improperly, airbag deployment can increase the risk of injury.
- Do not install, place, affix or cover any accessories near airbags or their deployment areas, such as the cover of the steering wheel, surface of the dashboard at and near the location of the airbag, windows, pillars, and ceiling. Otherwise, serious injury or even casualty may be caused in case of an accident.
- Clean airbag surfaces with a dry or damp cloth, without applying too much pressure.

WARNING

- A child is not to be seated in the front passenger seat, nor are they to ride sitting on a front passenger's lap, to prevent serious injury or even casualty caused by airbag deployment in an accident.
- Side airbags and side curtain airbags deploy quickly with high impact forces. Occupants must not lean against the doors of vehicles equipped with these airbags while these vehicles are in motion. Failure to do so could result in serious injury or even death.
- When transferring vehicle ownership, make sure to pass on all of the vehicle's documents and keep the new ownership informed of airbag conditions and replacement dates.
- Do not modify or replace seats or trims of the seats with side airbags. These changes may prevent normal deployment of side airbags, and thereby cause airbag system failure or unintended deployment of side airbags, resulting in serious injury or death.
- Do not disassemble or repair the A-pillar trim, ceiling or B-pillar trim, which contain side curtain airbags. These changes can cause failure of the airbag system or accidental deployment of curtain airbags, which may cause serious injury or even death.
- Do not change any component of the airbag system, including any corresponding label. It is recommended that any operation done to the airbags be performed

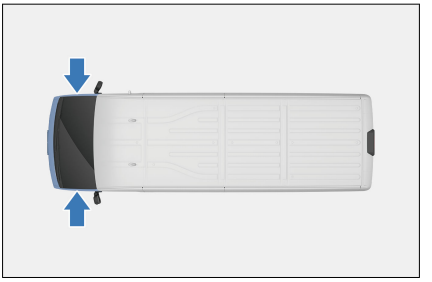
WARNING

by a BYD authorized dealer or service provider.

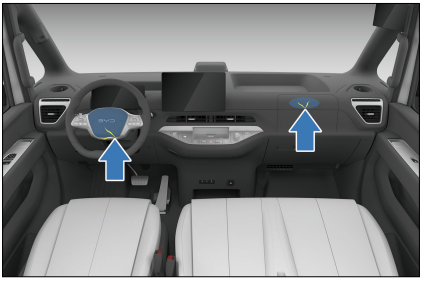
- Airbags can only provide one-time accident protection. Once the airbag is triggered or damaged, the airbag system must be replaced.
- Follow safety regulations and procedures related to the scrapping of parts of the vehicle or its airbag system.
- The airbag system has strong anti-interference and anti-disturbance resistance to electromagnetic fields around it. However, to avoid accidents, do not use the vehicle in an electromagnetic environment that violates national regulations.
- The airbag system of this vehicle is designed with full consideration of common misuses and road conditions. However, in order to avoid accidents, do not have the bottom of the vehicle impacted or drive roughly in harsh road conditions.
- This vehicle's airbag system has been fully verified to match the vehicle's original wiring harness system. Any wiring harness modification or alteration may cause the airbags to deploy mistakenly under normal conditions or fail to deploy in the event of a collision.

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

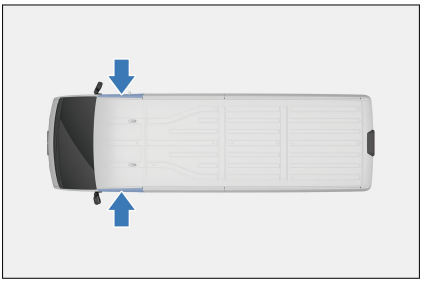
- The airbag has deployed.
- Instrument cluster airbag warning light lights up abnormally.
- The collision with the front of the vehicle (highlighted area shown), but the airbags do not deploy.



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



- An impact to a vehicle door in an accident is not adequate to cause the airbag to deploy (the shaded portion as shown).



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

- The surface of the seats with a side airbag is scratched, cracked, or damaged similarly.
- Decorative (liner) parts with built-in curtain airbags at the side panel and the roof are scratched, cracked, or damaged similarly.

Anti-theft Alarm System

Anti-theft Alarm System

Arming the system

1. Switch the ignition off.
2. All occupants get off the vehicle.
3. Lock all doors. This makes the anti-theft indicator steady on. The anti-theft alarm system will arm automatically after eight seconds,

Triggering the alarm

- The system, when armed, will raise an alarm* with flashing turn signals in any of the following situations:
  - Any door, trunk, or hood is opened without using the keyless access function of the smart key.
  - The vehicle is powered on without using the smart key start function.

Disarming the system

- Anti-theft alarm can be stopped by:
  - Unlocking the door with a valid smart key.
  - Use of the microswitch to unlock the vehicle.
  - Use of a valid smart key to remotely unlock the trunk.
  - Starting the vehicle remotely with a valid smart key.
  - Pressing the "START/STOP" button inside the vehicle while carrying a valid smart key.

WARNING

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

Data Collection and Processing

Data Collection and Processing

- This section provides you with some important information on how personal data is collected and processed when you use a BYD vehicle.
- For a more detailed overview on data processing, data protection and data subject rights, please read the current version of the privacy policy for the vehicle available in the infotainment system (**System → More → BYD Vehicle System Privacy Statemnet**).
- This vehicle is equipped with an Event Data Recorder (EDR) system. EDR mainly records data in the event of a crash or near-crash (for example, airbag deployment or hitting on a roadside obstacle) to help comprehend the vehicle system operation, such as:
  - Vehicle velocity
  - Tire pressure condition
  - Adaptive cruise control (ACC) system status

- Whether the seat belt is fastened

- The vehicle records EDR data only when there is a crash or when a near-crash event reaches a certain extent. The EDR does not record any data during the normal driving of the vehicle.
  - The data recorded by the EDR system provides an understanding of the state of the vehicle's safety-related systems when an accident occurs, so that relevant parties can analyze the accident.
  - The EDR data needs to be accessed and read by special equipment. BYD will not disclose your personal data to third parties unless this is legally permissible or you have consented to it. In addition to the vehicle manufacturer, third-party agencies with professional equipment (such as government agencies) can also read the EDR data if they have access to the vehicle EDR and equipment (for example, they can read the data of SRS control unit to clarify the accident).

Permanent Vehicle Transfer to Third Parties and Offline Mode

- In case of a permanent vehicle transfer, that is, when you sell or transfer the vehicle to a new owner for permanent use, please note that any personalization/user settings made via the infotainment system (such as the address list and the navigation system) can be accessed by the new owner.

REMINDER

- When the vehicle is being scrapped or transferred, reset the vehicle system to factory settings to protect your personal privacy.

- You can also restrict your vehicle's communication with the BYD data server and the processing of vehicle-related and personal data by setting the vehicle to offline mode.
- On the infotainment touchscreen, tap to turn Wi-Fi off.
- This can also be done by → System → Link → WLAN → OFF.

Disclosure of Personal Data to Authorities

- BYD will not disclose your personal data to third parties unless this is legally permissible or you have consented to it.
- However, subject to applicable laws, government agencies may be authorized to read out data from vehicles (e.g. data can be read from the airbag control unit to clarify an accident).
- If required by law, BYD may also be obliged to disclose data upon request to governmental authorities in your country, e.g. in the investigation of a criminal offence.

Your Data Protection Rights

- BYD has staunch respect for its customer's privacy, and strictly complies with all data protection laws, in particular the General Data Protection Regulation (GDPR) and applicable local laws.
- According to these laws, owners have specific rights when their personal data is processed:
  - Data subjects have the right of information and access, to rectification, erasure of personal data ("right to be forgotten") and the right to object to the processing of

personal data or to restrict it (or to withdraw consent given earlier, as well as the right to data portability).

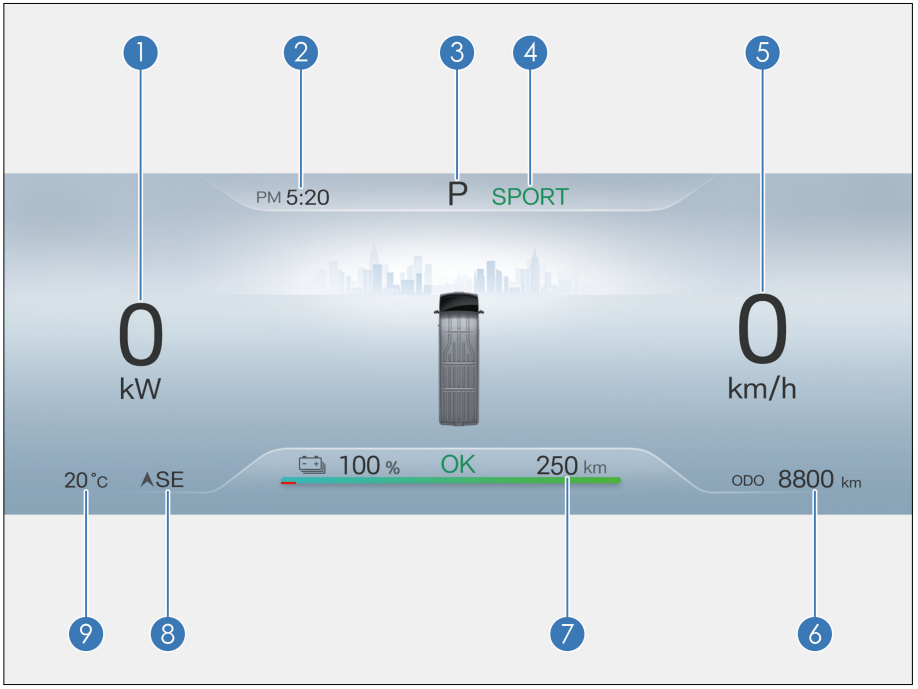
- These rights may be limited in some cases. For example, if we can show that we have a legal obligation to process your data, or if providing the information to you would disclose personal data about another person, or if we are legally prevented from disclosing that information.
- In some cases, this may mean that we can retain the data even if you withdraw your consent.
- For more information on data processing, data protection, and any rights you may have, please visit the latest version of the Privacy Policy available at the infotainment system (→ **System** → **General** → **Privacy Policy**).

02 INSTRUMENT CLUSTER

Instrument Cluster.....26

Instrument Cluster

Instrument Cluster View



1 Power meter
2 Time
3 Gear status
4 Driving Mode
5 Speedometer
6 Odometer
7 Remaining driving range
8 Direction
9 Outside temperature

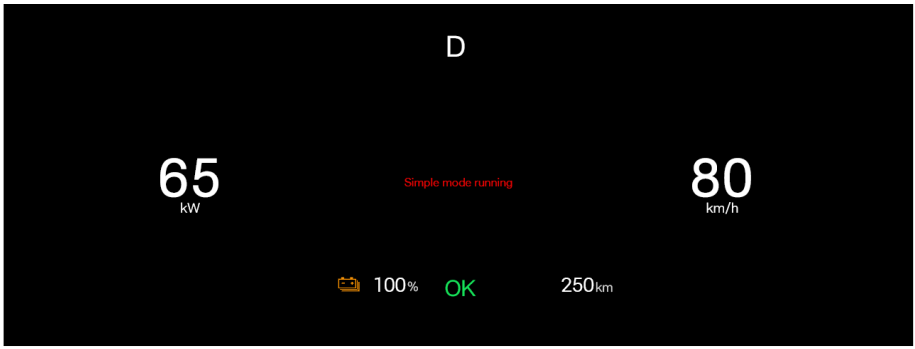
REMINDER

- For E-Vali, the instrument cluster has two themes, namely, classic and minimalist styles. Each can be set to "Dark" or "Light" modes

REMINDER

dedicated for day and nighttime respectively.

Figure 1: Instrument cluster view in simple mode*



REMINDER

- For safe driving, the instrument cluster may switch to simple mode during occasional communication delays in the instrument cluster system. In this mode, the instrument cluster continues to display driving related information normally without affecting normal vehicle travel. After the system becomes normal, the instrument cluster may automatically exit the simple mode. If it does not, try the following actions to switch back to normal mode:

  1. Press and hold the scroll button on auxiliary dashboard for three seconds to restart the instrument cluster information display system.
  2. While vehicle safety is ensured, press the START/STOP butt to switch the ignition off and then back.

- If the instrument cluster remains in simple mode after those actions have been taken, promptly contact a BYD authorized dealer or service provider for inspection.
- The image of the instrument cluster view is for reference only and is subject to actual factory configuration.

Instrument Cluster Indicators

Indicators/Warning Lights

	Turn signal indicator		Position light indicator

	Discharge indicator		OK indicator
	ICC indicator		HDC indicator
	AVH indicator		Light switch indicator
	ECO indicator		BSD indicator*
	NORMAL indicator		AEB indicator*
	LDA indicator*		ACC indicator *
	MOIS warning indicator		BSIS warning indicator
	Low beam indicator		HMA indicator*
	High beam indicator		High-voltage battery low SOC warning light
	LDA fault warning light*		ACC fault warning light*
	Snow mode indicator		AVAS OFF indicator*
	Rear fog light indicator		IHBC fault indicator
	AEB disabled indicator		AEB fault warning light*

	Driving power limit warning light		Smart key warning light
	Tire pressure fault warning light		Main alarm indicator
	ESC OFF warning light		ESC fault warning light
	ABS fault warning light		Headlight fault warning light
	ICC fault indicator*		LDA off indicator
	DMS fault indicator		BSD fault indicator*
	TSR off		TSR indicator
	MOIS fault indicator		BSIS fault indicator
	High-voltage battery charging connection indicator		Unable to sense indicator
	High-voltage battery overheating warning light		High-voltage battery fault warning light
	Powertrain fault warning light		Low-voltage power system fault warning light
	Coolant overheating indicator		AEB warning light*

	TSR indicator*		Airbag fault warning light
	Seat belt reminder indicator		Parking system fault warning light
	EPB indicator		Motor overheating warning light*
	Steering system fault warning light		BSIS collision warning indicator
	BSIS collision warning indicator		

Warning Lights/Indicators Description

 Smart key warning light

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

 ABS fault warning light

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

- This warning light turns on during driving.

REMINDER

- A warning light that lights up briefly during operation does not indicate a problem.
- If the ABS fault warning light is still on while the parking brake system fault warning light is on, immediately park the vehicle in a safe place. It is recommended to contact a BYD authorized dealer or service provider. In this case, if brakes are applied, the ABS will not work and the vehicle will become extremely unstable.

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



Tire pressure fault warning light

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

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



ESC fault warning light

- This warning light comes on when the ignition is on. If Electronic Stability Controller (ESC)functions properly, the light goes out in a few seconds. If the system fails, this warning light turns on again until the system fault is cleared.
- If the ESC warning light flashes temporarily while the vehicle is in motion, it indicates the ESC system is working.
- When the ESC warning light turns on (with the ABS fault warning light and the parking system fault warning light off), the ESC fails, but the ABS and the braking system continue to operate normally.
- When the ESC warning light turns on (with the ABS fault warning light and the parking system fault warning light off), the ESC system does not work. This means the vehicle is extremely unstable at sharp turns or when the driver steers away from obstacles ahead.

- If any of the following cases occurs, it means there is a fault in components monitored by the warning light system. In that case, contact a BYD authorized dealer or service provider for vehicle inspection as soon as possible.
  - This warning light remains off (self-check not performed) after the vehicle is powered on.
  - This warning light is steady on while driving.

REMINDER

- A warning light that lights up briefly during operation does not indicate a problem.
- If the ESC warning light remains on while the warning lights for the ABS and the braking system are on, immediately stop the vehicle in a safe place and contact a BYD authorized dealer or service provider. This is because braking at this time can render the vehicle extremely unstable, and the anti-lock braking system does not work at all.



ESC OFF warning light

- With the ignition on, this warning light turns on for a few seconds and then disappears.
- When the "ESC OFF" switch is turned on, the light should remain steady on and the ESC system will not operate. When the ESC OFF switch is pressed again, this warning light should turn off and the ESC system returns to normal.

REMINDER

- Once the ESC OFF warning light is on, the driver must stay alert and drive at a low speed when making a sharp turn or avoiding obstacles which appear suddenly, because ESC system is turned off at this time and braking will cause instability.



Driving power limit warning light

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



Headlight fault warning light

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



Blind spot detection (BSD) indicator *

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



Main alarm indicator

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



ACC fault warning light*

- When the light is steady on, it is recommended to contact a BYD authorized dealer or service provider in time.


Seat belt reminder indicator

- With the ignition on, if any seat belt is not fastened, the corresponding seat belt indicator will light up. It remains on until the seat belt is fastened.


Airbag fault warning light

- With the ignition switched on, this warning light turns on and then goes off in a few seconds if the airbag system is working properly. This warning light is used to monitor the airbag ECU, collision sensors, inflation device, warning lights, connections, and power supply.
- If any of the following cases occurs, it means there is a fault in components monitored by the warning light system. In that case, contact a BYD authorized dealer or service provider for vehicle inspection as soon as possible.
  - When the ignition is switched on, this warning light remains off or is solid on after the ignition is switched on.
  - This warning light turns on during driving.


Parking break system fault warning light

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

CAUTION

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

- This warning light is solid on although after starting the vehicle, the brake fluid level and EPB system operation are normal (the EPB is engaged and released normally, and the message "Please check the EPB" is not displayed). Brief flashing is considered normal.
- Fault warning lights for parking brake and ABS come on simultaneously.

REMINDER

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


Steering system fault warning light

- When the steering system is faulty, this warning light is steady on. It is recommended to contact a BYD authorized dealer or service provider in time.

REMINDER

- The steering system features an electric motor to reduce the force required to turn the steering wheel.
- When turning the steering wheel, a hum may be heard from the running motor. This does not indicate that the motor is faulty.

REMINDER

- Do not turn the steering wheel to its limit position for more than five seconds, otherwise the temperature protection will be activated and the steering system will be damaged or steering will become heavy.

- If you have turned the steering wheel frequently with the vehicle staying put for a long time, the steering wheel may become difficult to turn even if the warning light does not turn on. This is not a fault.
  - To prevent steering system overheating, the power assist effect will be reduced if the steering wheel has been frequently turned with the vehicle staying put for a long time. As a result, the steering wheel become difficult to turn. In this case, reduce steering frequency or power off the vehicle. The system will recover within 10 minutes.
- Under special circumstances, there are operations such as plugging and unplugging low-voltage batteries or fuses, resulting in power failure of the whole vehicle. When the power supply of the whole vehicle is restored, the ESC warning lamp on the instrument will light up, in this case, it is necessary to perform zero self-learning operation of the steering wheel angle, namely: Turn the steering wheel slowly and fully to the left and right respectively, and release it in two to five seconds. Then shut down the engine and wait for over 10 seconds. Restart the vehicle, and the ESC warning lamp turns off, completing a self-learning process.

WARNING

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



Low-voltage power system fault warning light

- If this warning light turns on while the vehicle is in motion, it indicates that there is a problem with the DC system or the low-voltage power system. Turn off devices such as the A/C, fan, and radio, and pull over the vehicle immediately if it is safe to do so. It is recommended to contact a BYD authorized dealer or service provider for rescue as soon as possible.



Powertrain fault warning light

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

CAUTION

- Try not to drive the vehicle when the warning light is on. Contact a BYD authorized dealer or service

CAUTION

provider to check the problem as soon as possible.


High-voltage battery overheating warning light

- If this warning light is on, it indicates that the high-voltage battery temperature is too high and the vehicle must be stopped to cool down. When the warning light flashes, it is recommended to immediately stop the vehicle safely and leave the vehicle as soon as possible.
- The high-voltage battery may overheat under the following operating conditions:
  - Driving up a slope for a long time in hot weather
  - Long period of stop-and-go traffic condition, frequent rapid acceleration, frequent hard braking, or vehicle running for a long time without pause.


High-voltage battery fault warning light

- This warning light comes on when the ignition is switched on. If the high-voltage battery system is working properly, this warning light will turn off in a few seconds. If this light lights up again thereafter, it indicates a system failure. It is recommended to contact a BYD authorized dealer or service provider for inspection as soon as possible.
- If any of the following cases occurs, it means that there are faults in the components monitored by the warning light system. In such case, it is recommended to contact a BYD authorized dealer or service provider for vehicle inspection as soon as possible.
  - This warning light is steady on when the ignition is on.
  - This warning light is steady on or occasionally turns on while driving.


AEB warning light*

- When this indicator is on or flashes, pay attention to the distance from the vehicle ahead, and do not get too close to it to prevent potential collision.


Coolant overheating indicator

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



TSR indicator*

- When this indicator lights up, it means that the vehicle system has recognized the speed limit value on current road section.

Other Instrument Cluster Fault Prompts

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

Symbol	Fault Prompt	Response

	Please check the OBC system	The on-board charging system is faulty. In this case, check the charging connection, and reconnect the charging equipment. If the fault persists, contact a BYD authorized dealer or service provider.
	Stop using remote driving for your safety.	Stop using remote driving when it is abnormal.
	Please check the data network of the vehicle.	The vehicle may be disconnected from the data network. In this case, park the vehicle immediately, and contact a BYD authorized dealer or service provider.
	Please check the memory system*	The memory system is faulty. In this case, contact a BYD authorized dealer or service provider.
	EV function limited	The EV function is limited. Contact a BYD authorized dealer or service provider immediately.
	Please check the headlight.	The headlight is faulty. In this case, contact a BYD authorized dealer or service provider.
	Please check the PCW system*.	The PCW system is faulty. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.
	The AEB function is limited*	The AEB system is faulty. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.
	Please check the BSD system*	The blind spot detection system for lane change is faulty. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.
	The BSD function is limited*	The BSD function is limited. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.
	Please check the gear	The shifter controller is faulty. Park the vehicle immediately, and contact a BYD authorized dealer or service provider.
	Please check the multi-purpose camera*	The multi-purpose camera is faulty. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.

	Multi-purpose camera limited*	The function of the multi-purpose camera is limited. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.
	Intelligent-camera is not available due to poor condition*	The intelligent camera is not available. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.
	Please check the LDWS*	The LDW system is faulty. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.
	Please check the LKS*	The lane keeping system is faulty. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.
	LKS limited*	The LKS function is limited. In this case, park the vehicle, and contact a BYD authorized dealer or service provider.

03 CONTROLLER OPERATION

Doors and Keys..... 40
Seat..... 48
Steering Wheel..... 52
Wipers..... 56
Side Mirror..... 58
Switches..... 58

Doors and Keys

Keys

The vehicle is equipped with keys, including electronic smart key and mechanical key.

Smart Key

Press the left or right front door microswitch, while carrying the smart key, to unlock or lock all doors, or press smart key buttons to lock or unlock doors, open the tailgate, or start the vehicle remotely.

① Lock button

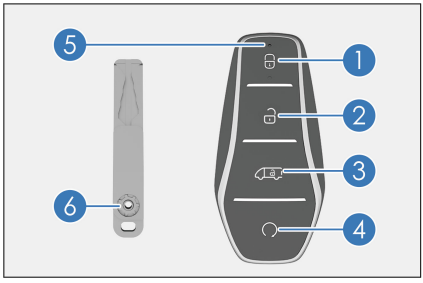
② Unlock button

③ Locking the Trunk

④ Start/Stop button

⑤ Indicator

⑥Mechanical Key



WARNING

- The button (coin) battery in the smart key is hazardous and both new and used batteries are to be kept away from children at all times.
- If swallowed or placed inside any part of the body, a lithium button battery can cause severe or fatal injuries in two hours or less.
- Medical attention should be sought immediately if it is suspected the button battery has been swallowed or placed inside any part of the body.

CAUTION

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

- If you lose your smart key, it is recommended to contact a BYD authorized dealer or service provider as soon as possible to reduce the risk of vehicle theft or accidents.
- Do not change the transmission frequency arbitrarily, increase the transmission power (including additional transmission frequency amplifier), or arbitrarily connect the external detection antenna or switch other transmitting detection antennas.
- Do not generate harmful interference to legal radio communication services when using the smart key. Once any interference is found, stop using the smart key immediately, and take measures to eliminate the interference before continuing to use it.
- The use of micropower radio equipment must endure the interference of various radio services or the radiation interference of industrial, scientific, and medical equipment.
- Do not use it near airplanes or airports.

CAUTION

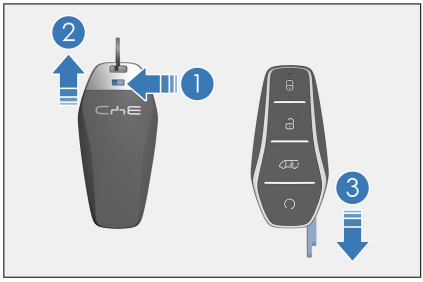
- People implanted with pacemakers or defibrillators should stay away from the detection antennas of intelligent entry and start systems, as electromagnetic waves can affect the normal use of such devices.
- In addition to people implanted with pacemakers or defibrillators, those who use other electronic medical devices should also consult the manufacturer on the use of such devices under the influence of electromagnetic waves. Electromagnetic waves may bring unknown consequences to the use of such medical devices.
- When leaving the vehicle, always carry your key and lock the vehicle. Never leave anyone (especially children) alone in the vehicle.

Mechanical Key

Use the mechanical key (inside the smart key) to lock or unlock the driver's door. When the key is not used, be sure to insert the mechanical key back into the smart key.

Taking out the mechanical key

- When using the mechanical key in the smart key, pull the lock-up button in the direction of arrow ① and push the lock part in the direction of arrow ② to remove the back cover, hook the head hole of the mechanical key with the projection parts at both ends of the back cover of smart key and pull it in the direction of arrow ③ to take out the mechanical key, as shown in the figure.



Reinstalling the mechanical key

- After using the mechanical key, insert it in the opposite direction of arrow ③ and close the back cover of the smart key. The mechanical key can only be inserted in one direction.

Locking/Unlocking Doors

Locking/Unlocking with Mechanical Key

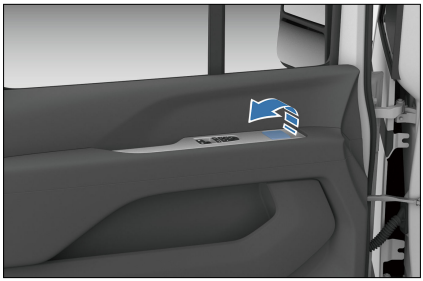
Insert the mechanical key into the keyhole of the driver's door handle, turn and remove the key, and pull the door handle to open the door.

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



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 is used to unlock or lock all doors at a close distance, and complete additional functions.

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

Locking

- When all doors and hood are closed, press the lock button to lock all doors simultaneously. The turn signals will flash once when the vehicle is powered off. Check whether all doors are securely locked.
- If the ignition has not been switched off, the turn signals do not flash, and the alarm sounds once.
- If any door or the hood is not closed, the turn signals do not flash, and the alarm sound once.



Unlocking

- Press the unlock button to unlock all the doors at the same time. The turn signals flash twice.
- When you unlock all the doors with the smart key, even if no door is opened, the interior lights stay on for 15 seconds and then go out.
- If the anti-theft alarm system is armed, open any door within 30 seconds after unlocking with the smart key, or all doors will relock automatically.
- Even if you press and hold the lock or unlock button, locking or unlocking will not be repeated. You need to release the button and press it again.

Anti-forget key

- If the key is placed in the vehicle with the vehicle locked, when you close any door, the vehicle automatically unlocks and turn signals flash twice.

REMINDER

- If the key is left inside the vehicle and the door cannot be unlocked, it may be due to the door not being fully closed (in a half-locked state), which prevents the key anti-lost function from being triggered. In this case, securely close the door or unlock it remotely via the BYD App.

Finding the vehicle

- With the anti-theft alarm system armed, pressing the lock button sounds a long beep and makes turn signals flash 15 times. Use this function to locate the vehicle when it cannot be found.
- When the vehicle is in vehicle search mode, press the lock button again. The vehicle enters another vehicle search mode.

Lowering Windows with Smart Key

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

REMINDER

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

Unlocking/Locking Doors with Microswitch

Locking

- With the ignition is off and doors closed but not locked, press the microswitch on the front door handle. All doors lock at the same time, the turn signals flash once.
- If the ignition has not been switched off, the turn signals do not flash, and the alarm sounds once.



- If any door or the hood is not closed, pressing the microswitch still locks the closed doors, but the alarm only sounds once, and the turn signals do not flash.

Unlocking

- When doors are locked, press the microswitch on the front door handle while carrying the smart key. All doors unlock and turn signals flash twice.
- If the anti-theft alarm system is armed, open a door within 30 seconds after the unlocking, or all doors will relock automatically.
- Pressing the microswitch does not work if:
  - This is performed while a door is being opened or closed.
  - The key is left in the vehicle.

REMINDER

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

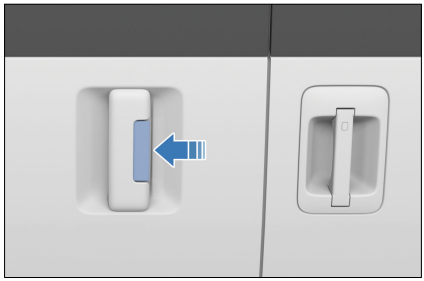
Raising/Lowering Windows with Microswitch

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

Opening/Closing a Sliding Door from Outside

When the vehicle is unlocked with the anti-theft alarm system disarmed:

- Pull the handle to open or close the sliding door.



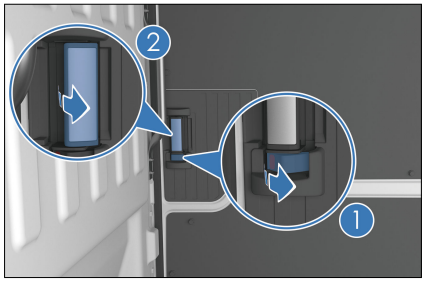
Opening/Closing a Sliding Door from Inside

When the vehicle is locked:

- Unlock the sliding door by pushing the locking pick in the direction of ①.
- Pull the handle ② to open the sliding door.

When the vehicle is unlocked:

- Pull the handle to open or close the sliding door.



Locking/Unlocking the Tailgate

Opening the trunk with smart key

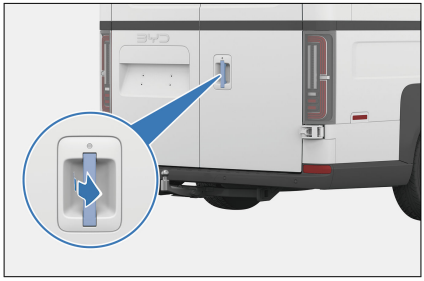
- Double-press the tailgate release button on the smart key. The tailgate opens and with turn signals flashing twice.



Using the mechanical key

Insert the mechanical key into the keyhole on the tailgate handle, turn it and then remove. Pull the handle to open the tailgate.

- Turn the key counterclockwise to unlock.
- Turn the key clockwise to lock.



CAUTION

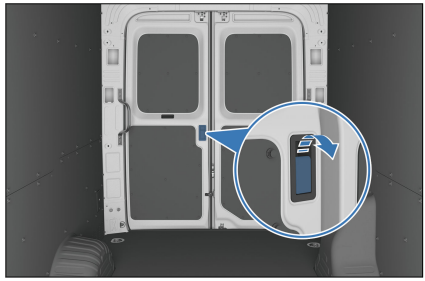
- To ensure driving safety, check that the rear door is locked and fully engaged when closing.

WARNING

- Observe the following tailgate operation precautions to prevent serious or even fatal injury:
  - Alert people nearby before opening or closing the tailgate.
  - Keep hands and fingers clear from the tailgate when it is closing.
  - Make sure the surrounding area is safe when opening or closing the tailgate.
  - Never allow children to open or close the tailgate, preventing their fingers and other body parts from being caught.
  - Keep the tailgate properly closed before and while driving.
  - When opening or closing the tailgate in windy days, watch out for slams from gusts.

Opening/Closing the Trunk from Inside the Vehicle

The back door can be opened manually by pulling the door panel handle inside the back door.



Locking/Unlocking with Central Locking

Locking or unlocking the vehicle with the central locking

See ***P61***.

Locking or unlocking doors automatically

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

Locking/unlocking all doors concurrently

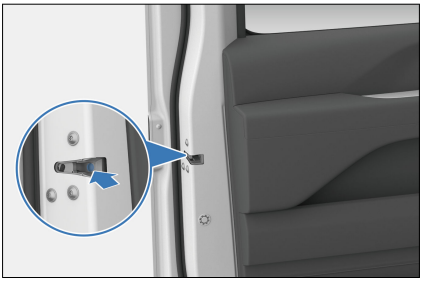
- With the anti-theft alarm system disarmed, the backlight of the central lock button turns on if the vehicle is locked and off if the vehicle is unlocked.
- Pressing the central lock button locks all doors so that any attempt to open any door from the outside fails. At this time, pull the interior handle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

REMINDER

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

Emergency Vehicle Locking with Mechanical Key

- When the central locking fails, use the key to turn the emergency locking knobs of the passenger's doors to lock these doors (turn the left door knob clockwise; turn the right door knob counterclockwise), then close the doors. Finally, lock the driver's door by the mechanical key. In this case, all vehicle doors are locked and impossible to open using their outer handles.



- To unlock the doors, unlock the driver's door with the mechanical key first, then enter the vehicle, and pull the inner handles of other doors. To open these, pull their outer handles 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

Access

Use the smart key to unlock or lock vehicle doors. See ***P42*** or ***P43***.

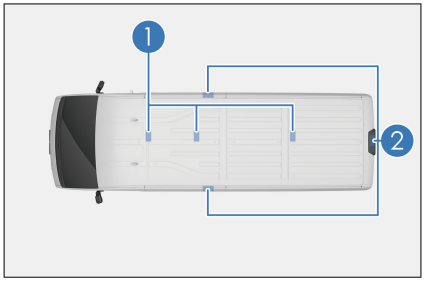
Start-up

With the key fob inside, press the brake pedal and the START/STOP button to start the vehicle (See ***P102***).

Antenna positions

① Interior antenna

② Exterior antenna



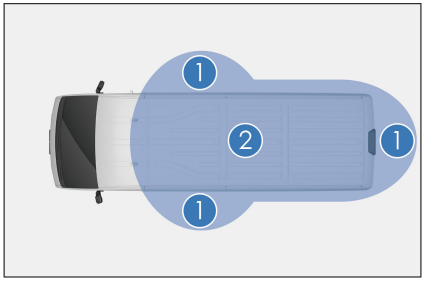
Active area

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

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

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

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



REMINDER

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

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

REMINDER

- The smart key is being carried along with a two-way radio, mobile phone or other communication devices.
- The smart key is in contact with or covered by a metal object.
- The door handle is operated too quickly.
- The smart key is too close to the handle.
- Another wireless remote control function is being used nearby.
- When the smart key battery runs out.
- The smart key is close to high-voltage equipment or equipment that produces noise.
- The smart key is being carried along with another smart key or radio-wave-emitting device.
- Even within the active area, the smart key may not work properly in certain locations, for example, on the dashboard, in the glove box, or on the floor.

- If the smart access system is not working properly and it is impossible to enter the vehicle, use the mechanical key in the smart key to lock/unlock the driver's door, or lock/unlock all doors with the wireless remote control function.
- Pressing the START/STOP button may not enable the start function due to:
  - The drive motor is started repeatedly in a short time. Wait for 10 seconds and start the vehicle again.
  - Smart key failure. If the smart key warning light comes on and a message ("Low key battery,

please replace the battery soon") is displayed on the instrument cluster, the battery of the key may be exhausted.

- If the smart access and start system cannot work properly due to system failures, bring all smart keys to a BYD authorized dealer or service provider for repair.

Saving battery power

- The smart key communicates with the vehicle even when the vehicle is not running. Therefore, do not leave the key fob in the vehicle or within two meters from the vehicle.
- Receiving strong electromagnetic waves for a long time drains the battery of the smart key quickly. The smart key must be kept at least one meter away from electrical equipment that generates a magnetic field, such as the following devices:
  - Television
  - Personal computer
  - Wireless telephone chargers
  - Electroliers
  - Fluorescent desk lamp

Seat

Seat Precautions

- Adjust the driver's seat so that the pedals, steering wheel, and dashboard controls are within the driver's easy control.
- While driving, the most effective safeguard is to keep the seatback upright, always rest well on the seatback, and adjust the seat belt to the right position.
- The head support can only protect your head when it is in the proper position. Remember to adjust it to the proper position if it has been moved.

WARNING

- Sitting on a folded seatback or on cargo is prohibited. Adjust the seats to the appropriate position and fasten the seat belts. Improper seating position or improperly fastened seat belts can result in personal injuries in case of emergency braking or a collision.
- Do not place any items under the seats. The driver may lose control of the vehicle because items placed there affect the seat locking mechanism, causing the seat to move suddenly.
- When adjusting the seat, do not place your hand under the seat or near its operating parts, to prevent being crushed.
- After adjusting the seatback, lean back to confirm the seatback is locked. Seatbacks that are not fully locked can cause personal injuries in an accident or during emergency braking.
- Do not adjust the driver's seat while the vehicle is in motion, as unpredictable seat movement can cause the loss of vehicle control.
- Do not drive the vehicle until occupants are seated properly.

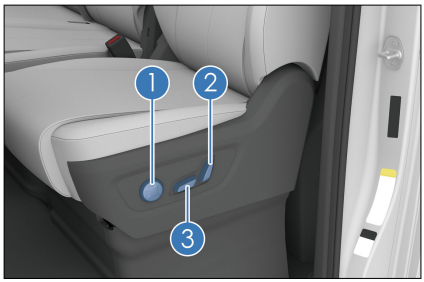
CAUTION

- Adjust the seat position before fastening the seat belt.

Adjusting Seats

Driver seat power adjustment

The driver's seat ajustment includes seatback angle adjustment, seat position adjustment, and lumbar support adjustment. Choose the following adjustments according to the actual configuration of your vehicle.



1. Lumbar support adjustment switch

   The seatback profile can be adjusted to fit the curvature of the occupant's lumbar spine. To allow you and your occupants to sit in the seats in a correct and relaxed manner, the seat should support the occupants' lumbar spine.

   - Press the front or rear portion of the switch to increase or decrease the curvature.
   - Press the upper or lower portion of the switch to extend the curvature up or down.

2. Seatback angle adjustment

   - Tilt the switch backward or forward to recline seatback.

3. Seat position adjustment

   Seat position adjustment includes forward/backward adjustment and height adjustment.

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

⚠ CAUTION

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

Heating and Ventilation System*

The driver's seat is equipped with seat heating and ventilation* systems. To turn on or off the systems, go to the infotainment touchscreen → ⚙ → Vehicle → Seats → Vent Heating, or go to the A/C operation interface.

Heating system adjustment

- Heated seat: On the infotainment touchscreen, tap the heated seat controls to select a heating level: 1 or 2.
  - The initial state of the heating indicator is off.
  - Tap the button to change the heating level between 1 or 2.

Ventilation adjustment

- Ventilated seat: Control the operation mode of the ventilation fan by using the seat ventilation switch. Seat ventilation has two modes.
  - The initial state of the heating indicator is off.
  - Press the switch to select the operation mode of the seat

ventilation in the 1st gear or 2nd gear.

Ventilator and heater cannot be turned on at the same time.

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

Adjusting Head Supports

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



- Removing a head support
  - Press and hold the head support adjustment button, remove the head support and release the button.
- Installing a head support
  - Insert the head support post into the bushing with the grooves facing forward. Press the head support adjustment button, push down the head support to a proper position, and then release the button.

REMINDER

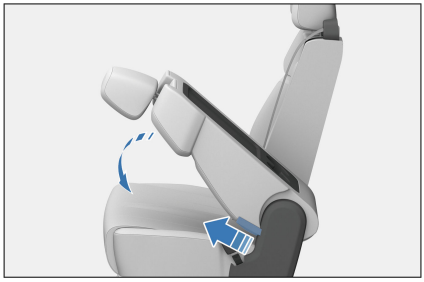
- Head supports protect vehicle occupants from head and neck injuries. Adjust the head support so that its center aligns with the back of your head for maximum protection. Adjust the head support to the proper position based on your actual height.
- When adjusting head support height, align the occupant's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

Front Passenger Seat Features

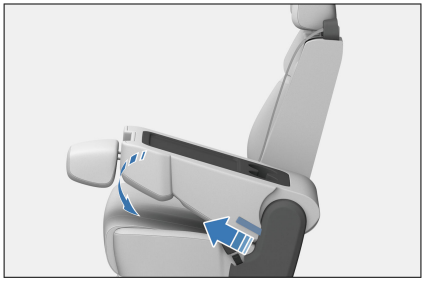
The front passenger's seat is equipped with storage compartment and the flip-forward feature.

Flip-forward front passenger's seat

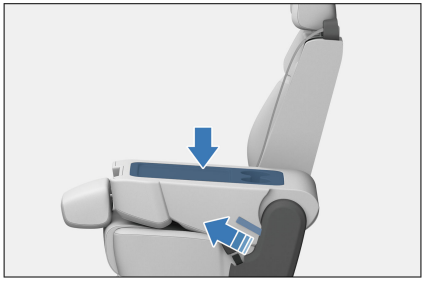
- Pull the belt in the direction as shown to foward flid the front passenger's seat.



- Pull the belt the first time to set the seat to position 1 and lock it there.



- And a second time to position 2.
- The seat fold flat at position 2.



- After use, pull the ring tab to release the lock, then raise the seat to restore it to the original position.

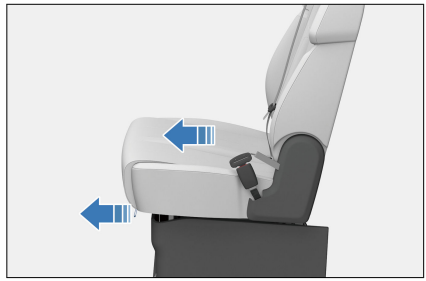


REMINDER

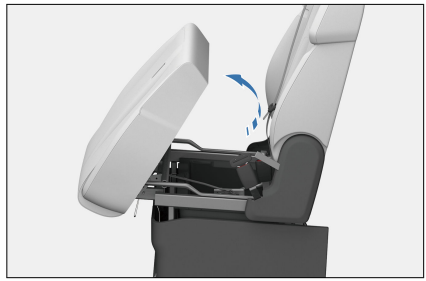
- The feature has two setting positions. To fold flat the seat, pull the belt until it folds to that position.

Storage Drawer under Front Passenger's Seat*

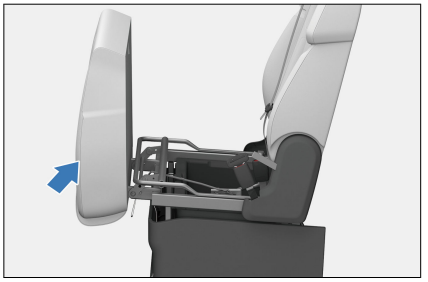
- Pull the belt in the direction as shown to unlock the front passenger's seat.



- Pivot the cushion forward around its front end.



- Turn the cushion to the position shown to access the storage drawer or the refrigerator*.

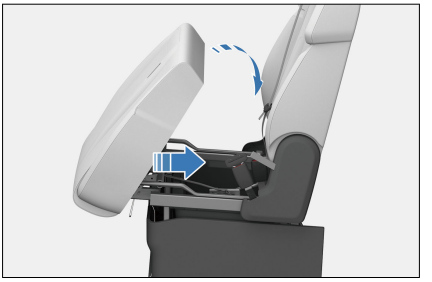


REMINDER

- See ***P159*** for details on the use of it.

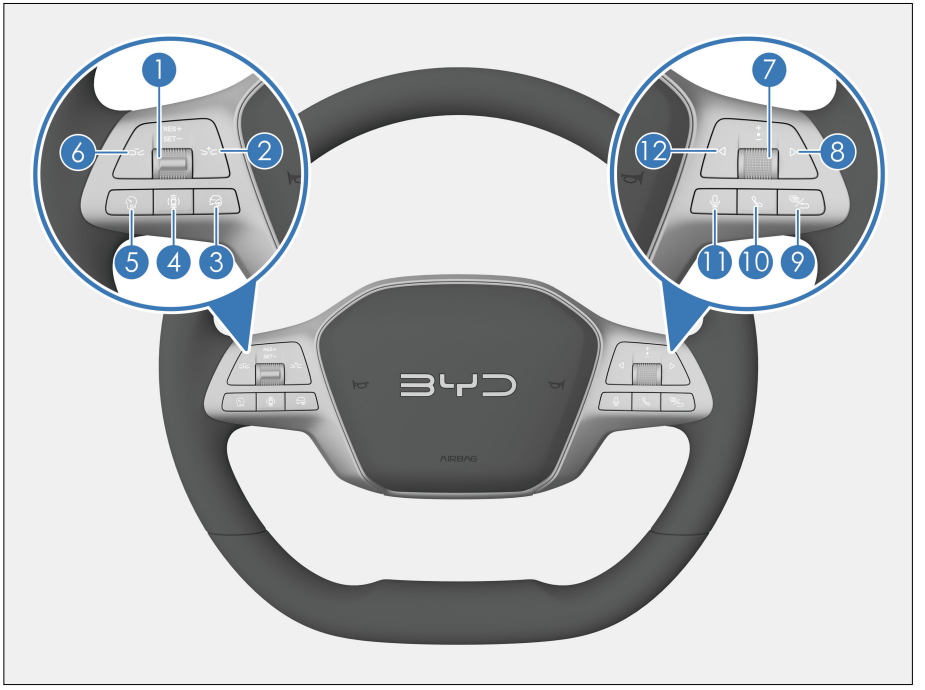
- Turn the cushion back.

- Force the cushion in the direction of the seatback until it is locked to restore the seat.



Steering Wheel

Steering Wheel Switches



1	+/Reset or -/Set
2	Distance +
3	Cruise switch
4	AVM
5	Driving information
6	Distance -
7	Scroll button
8	Right
9	Instrument cluster/Back
10	Call
11	Speech recognition
12	Left

The audio control switch is operational when the ignition is switched on.

Left-hand buttons

Rocker switch

- Reset + /: Activates the cruise control system and uses the previous system settings.
- Set - /: Sets the current speed to the target cruise speed.

Distance -*

- Adjust the distance from the vehicle ahead in the ACC following function and decrease one level. A total of four levels are available.

Distance +*

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

Cruise control switch*

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

REMINDER

- For instructions on using cruise control, see ***P52***.

Around View Monitoring (AVM)

- Press this button to enable or disable the AVM system.

Driving information

- Press this button to switch the driving information interface. Press and hold to clear the relavant driving information.

Right-hand buttons

Scroll button

- Adjusting infotainment system volume when the instrument cluster is not in menu mode:
  - Roll the button upward: to increase the volume. The button is non-operational when the volume reaches the highest.
  - Roll the button downward: to decrease the volume. The button is non-operational when the volume reaches the lowest.
  - Press down the button: to mute.
- When the instrument cluster is in menu mode:
  - Roll the button upward: to select the upper level-2 or level-3 menu items when the instrument cluster is in the menu mode.
  - Roll the button downward: to select the lower level-2 or level-3 menu items when the instrument cluster is in the menu mode.
  - Press down the button: to go to the next-level menu or confirm the

current setting when the instrument cluster is in menu mode.

CAUTION

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

Left/Right button

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

Call

- Press this button to make or receive a call (the audio system is muted at the same time).
- When a Bluetooth-unrelated screen is currently displayed, press this button to switch to the phone selection screen if Bluetooth is disconnected, or to the dial screen if Bluetooth is connected.
- After entering a phone number on the Dial screen or selecting a record on the Call Log or Contacts screen, press this button to dial the number.
- When Bluetooth is connected, but no phone number is entered on the Dial screen, press this button to switch to the Call Log screen. Press this button again to call the first dialed number on the call history.

Speech recognition

- Press this button to activate speech recognition on the infotainment touchscreen, with which you can record voice commands.
- Press this button again to end voice recognition.

Instrument cluster/Back

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

Horn 

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

CAUTION

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

REMINDER

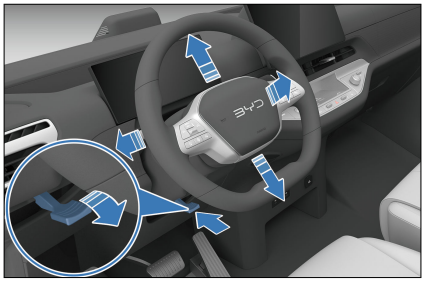
- Observe the traffic laws and use the horn properly.

Adjusting the Steering Wheel

Adjusting the Steering Wheel Manually*

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

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



REMINDER

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

Steering Assist Mode Settings

- The feel of steering assistance varies from person to person, and so do the evaluation and needs for this feel.
- To set the steering mode, go to the infotainment touchscreen → ⚙ → **Vehicle** → **Driving Control** → **Steering Assist Mode**, and select Comfort or Sport.

REMINDER

- Setting the steering mode to sport mode is suggested if the steering wheel feels light when the vehicle is running at a high speed. Steering assist mode settings can only be changed in ECO, NORMAL, and SPORT modes with LKS off, no obvious turning action and a vehicle speed lower than 80 km/h.

Heated Steering Wheel*

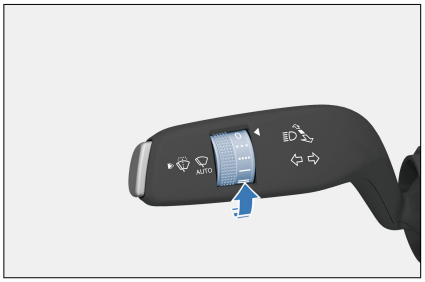
Enable steering wheel heating by any of the following methods:

1. Enable or disable steering wheel heating in the infotainment touchscreen → → **Ventilation/ Heating**.
2. Go to the drop-down shortcut menu, and tap the steering wheel heating icon. Then the setting page is displayed.
3. Voice control: activates voice control to enable or disable steering wheel heating.

Wipers

Wiper Switch

- The switch paddle is used to set the front windshield wipers and washer any of the following five modes:
  - : Automatic/Intermittent Level 1
  - : Automatic/Intermittent Level 2
  - : Slow
  - : Fast
  - 0 : Front Wiper Off
- To select a mode, simply move the lever roller up or down.
- In slow and fast modes, the wipers operates continuously.



- You can enable auto wipers on the infotainment touchscreen by tapping → **Driving** → **Comfortable Use**. Once enabled, the wipers will swipe once and then switch to the auto mode to adjust based on rain intensity.
- In automatic wiper mode, rotate the wiper roller to adjust the settings.

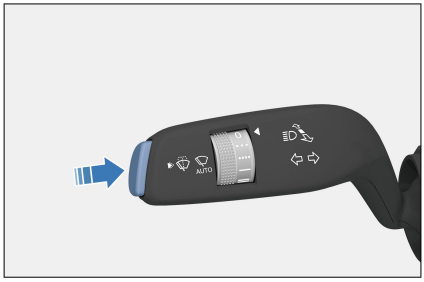
WARNING

- With the ignition on and the wiper switch at auto mode, touching the glass on the top of the sensor by hand or wiping it with a cloth may cause the wiper to work and thus lead to an accident.

CAUTION

- Turn off the automatic mode of wiper during the vehicle washing process, in dry seasons or in rainless weather to prevent inadvertent wiper operation.
- If snow or other debris causes the wipers to stop mid-operation, turn off the wipers and park the vehicle in a safe location. Then clear the snow or debris to allow the wipers to function correctly.
- The sensor may occasionally fail to properly detect snowflakes, as they have various shapes, which could lead to wiper malfunction. After the snow melts, the wipers may automatically activate.
- It is recommended to turn off the auto wipers during the vehicle washing process, or in dust weather and rainless weather to prevent vehicle damage or personal injury caused by inadvertent wiper operations.
- The auto wiper is an assistance function and should be manually operated as needed based on driving conditions to ensure driving safety.

- To operate the wipers in point-wiping mode, press the button at the end of the switch paddle to the first position. The wipers wipe at a low speed until the button is released.



Front windshield washer

- To clean the front windshield, press the button at the end of the switch paddle to the second position. The washer spray continuously, and the wipers will start working afterward.
- If the switch paddle is released, or if the operation lasts longer than 10 seconds, the washer stops spraying, and the wipers complete 1 to 2 wiping cycles before stopping.

CAUTION

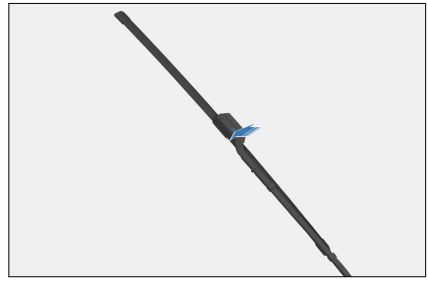
- Check and clean the wiper blades at regular intervals.
- Avoid using the wipers immediately when it just starts raining. The rain mixed with mud and dust will not clean the windshield effectively and may instead instantly blur your view.
- Use glass cleaning agent. The use of water, or other types of detergent, may damage the washer motor.
- Do not use the washer for over 10 seconds or when the washer fluid tank is empty, which may overheat or damage the motor.

Replacing Wiper Blades

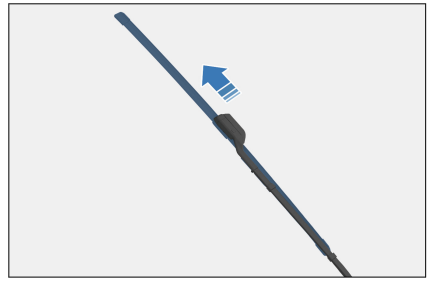
- Inspect front wiper blades for cracks or partial hardening at least every six months. If they are noted, replace wiper blades. Otherwise, the windshield will streak or will be left unclean after wiping.
- When the vehicle is powered on, tap → **Service** → **Overhaul** → **Front Wiper Check** to enable or disable the front wiper check function. When the corresponding wiper check function is enabled, the wipers rotate out for easy maintenance and replacement.

Replacing Wiper Blades

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



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



WARNING

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

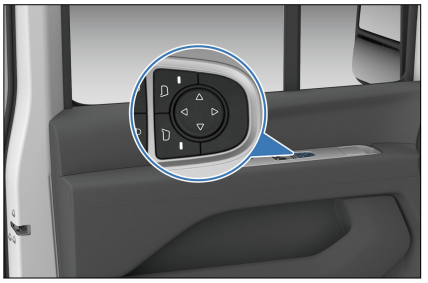
- For wiper blade maintenance, see ***P181***.

Side Mirror

Power Side Mirrors

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

- Side mirror adjustment buttons: used to select the side mirror to be adjusted.
  - : left side mirror
  - : right side mirror
- Side mirror adjustment buttons : Press this button to adjust the side mirror lens to an appropriate position.



WARNING

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

REMINDER

- If the side mirrors get frozen, do not operate the controller or scrape their surface. Deicing spray should be used.
- The side mirrors have reverse tilt function*: The power side mirrors automatically tilt downward when the vehicle is reversing.

Folding Side Mirrors

Folding side mirrors manually

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



Switches

Light Switches

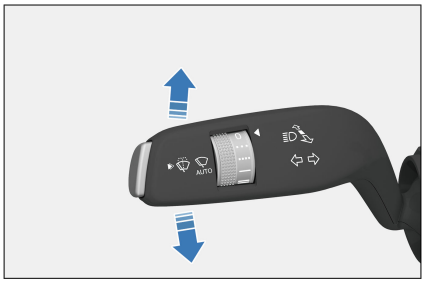
- Auto lights, position lights, the low beam, rear fog lights, and daytime

running lights can be controlled on the infotainment touchscreen.

- To turn on or off any or all of these lights, go to the infotainment touchscreen → ⚙ → **Light** → **Exterior Light**.

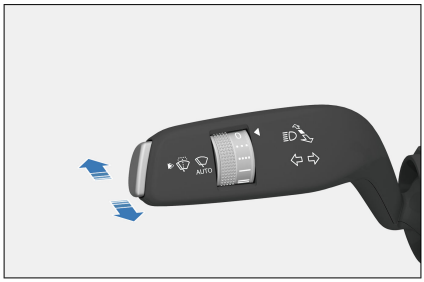
Turn signals

- Push up the paddle to turn on the right turn signal and down to turn on the left turn signal.



High beam and flash-to-pass feature

- Push forward the paddle (away from the steering wheel) to turn on the high beam and backward (toward the steering wheel) to use the flash-to-pass feature.



REMINDER

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

Auto light off

- For this feature to be activated, the light switch should be set to position lights or low beam and ignition be switched off.
- With the feature activated, the headlights, position lights, rear fog lights, and high beam turn off in 10 seconds if the driver's door is closed.
- With the feature activated, the headlights, position lights, rear fog lights, and high beam turn off in 10 seconds if the driver's door is opened.
- After the lights turn off automatically, if the light status changes, these lights come on in the new status. If the conditions to activate the auto light off feature are still met, the function is activated again.
- Disabling the auto light off feature: When the vehicle is powered on, the auto light off function is disabled, and the light switch can be operated normally.
- If the auto light off function has turned off the lights and the anti-theft alarm system has been armed, disarming the alarm system makes the lights come on again automatically. If the driver's door remains closed, the lights go off again after 10 seconds. But if any door is opened, the duration extends to 10 minutes.

Courtesy Light

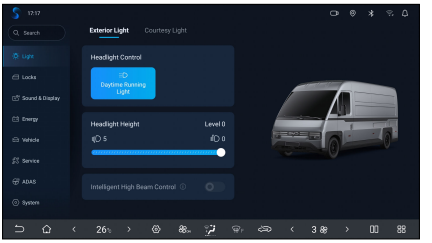
- Off delay:
  - Set the time for "Headlights before Enter" on the infotainment touchscreen → ⚙ → **Light** → **Courtesy Light** (default: 10 seconds). With the light adjustment switch turned to "Auto Lights", "Position Lights" or "Low Beam", when you power off the vehicle, lock four doors and attempt to leave the vehicle,

the corresponding lights will light up for 10 seconds (or the set time) to provide the leaving-home lighting.

- Entry lighting:
  - With the light switch set to Auto, position lights, or low beam, when you approach and unlock the vehicle, the corresponding light keeps on for 10 seconds (or the set duration).

Adjusting Headlight Height

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



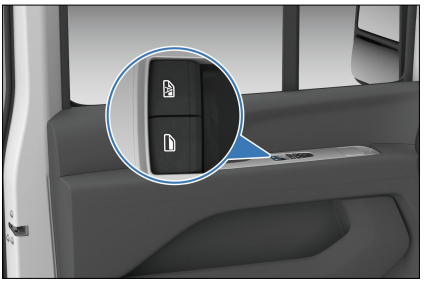
Loading Conditions	Recommended Lighting Level
One person in the driver seat	0~2
All the seats occupied	
All the seats occupied, plus a fully loaded pickup bed (evenly distributed)	1~3
Driver, plus a fully loaded pickup bed (evenly distributed)	1~3

- Vehicle loading conditions may differ. Adjust accordingly.

Driver's Door Switches

Power Window Switches

- The switch on each door can be used to control the window.
- The ignition has to be switched on.
- The window control switch at the driver's side contains two buttons to roll up or down windows on the front doors, respectively.
  - Press a switch to roll the window down.
  - Pull a switch to roll the window up.
- While using the switch, release it to stop window halfway.



- Driver's side power window: Press all the way down and release the switch to open the window. Lift all the way up and release the switch to close the window. Press the switch again to halt the current action.

Anti-pinch function*

- If someone or an object is caught by the driver’ s window when it is rolling

up, the window stops and rolls down automatically.

Automatic window rolling-up and anti-pinch failure

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

WARNING

- Never deliberately activate the anti-pinch function with any part of your body.
- Follow the precautions below to prevent serious injuries or death from window closing:
  - Before operating the power windows, ensure that all passengers do not have any body parts that can be caught in the window.
  - Do not allow a child to operate the power windows.

CAUTION

- The anti-pinch function may not work if an object is jammed into the window when it is almost completely closed.
- Contacting a BYD authorized dealer or service provider for maintenance is recommended if the windows' automatic closing function or anti-pinch function is not working normally.
- In the low temperature, if the space between the glass and

CAUTION

frame of window is frozen or covered by ice and snow, resulting in failure of the normal operation of windows, it is forbidden to repeat operating windows to avoid damage to the glass lifting module or other parts. After the hot air of air conditioner warms the vehicle and thaws the glass, the normal lifting can be operated.

Central Locking

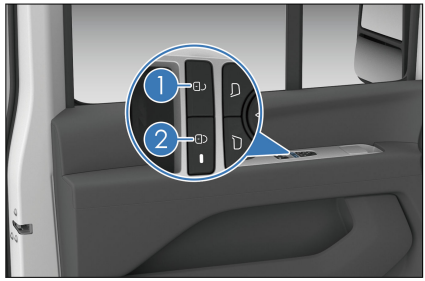
The driver's door is equipped with power door switches. Use them to lock or unlock all doors.

① Unlock

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

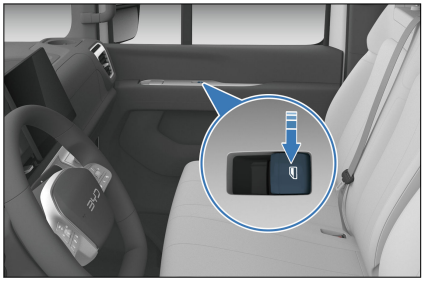
② Lock

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



Window Control Switch on Passenger's Side

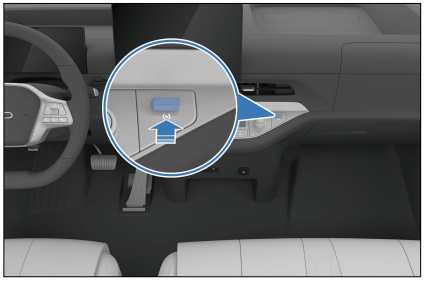
- When the ignition is on, use the front passenger and rear door window switches to operate the windows.



Mode Switches

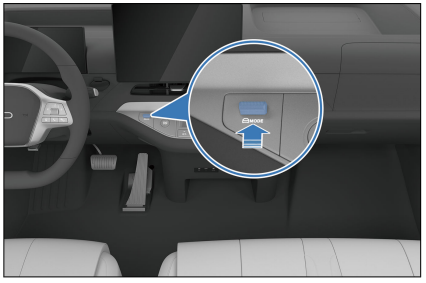
Regenerative braking adjuster

- Pull the adjuster up to increase the regenerative braking force.
- Pull the adjuster down to switch to standard regenerative braking.



Driving mode selector

- The driving modes include economy, sport, comfort and snow. Use the selector to choose a mode as needed.



Snow mode

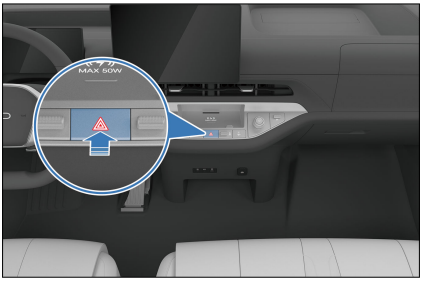
- Snow mode is designed for slippery surfaces such as grass, snow, ice, or gravel. It optimizes the vehicle's traction, driving, and handling performance.
- For your safety, it is recommended to driver slower and press the accelerator pedal gently on slippery roads, even in snow mode.

CAUTION

- Because ESC activation limits the engine torque, momentarily deactivating ESC may help if the vehicle is stuck in deep snow. Be sure to reactivate ESC after the vehicle is set free (see ***P142***).

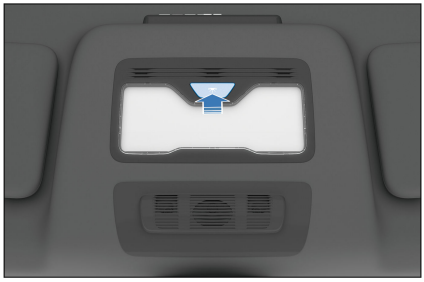
Hazard Warning Light Switch

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



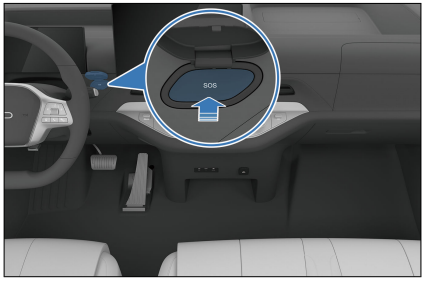
Interior Light Switch

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



Emergency Call (E-Call)

- E-Call refers to Emergency Call. Pressing and holding the SOS button for 2-10 seconds triggers the E-Call system manually, and pressing and holding the button for 10-20 seconds does not.



- To cancel an emergency call made by mistake, press the SOS button a second time within five seconds.
- The E-Call system activates automatically in the event of airbag deployment.
- When triggered, the system automatically makes an emergency call and communicates related vehicle and accident information to a public safety answering point.

CAUTION

- If pressed and held for over 20 seconds, the SOS button will be considered to be short-circuited (stuck). In that case, E-Call cannot be triggered manually.
- The dialed emergency call cannot be canceled manually. The E-Call system will begin 60-minute callback time after the call is hung up by the public safety answering point or has not been answered 10 consecutive times.

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

04 USING AND DRIVING

Charging/Discharging Instructions 66
Batteries 84
Usage Precautions 88
Starting and Driving 102
Driving Assistance 112
Other Main Functions 146

Charging/ Discharging Instructions

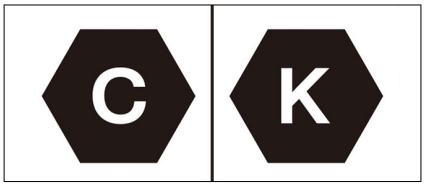
Charging Instructions

- Charging equipment uses high-voltage current. Minors are prohibited to charge the vehicle or touch the charging equipment. Keep them away from the vehicle during charging.
- Charging may affect medical or implanted electronic devices. Consult the device manufacturer before charging.
- Charge the vehicle in a safe environment, and avoid charging in damp areas, or areas with fire or heat sources.
  - Protect the charging equipment against water contact on rainy days.
- Before charging:
  - Ensure that power supply equipment, charging connector, charge port, and charging connection device are free of defects, such as cable wear, rusted ports, cracked casings, or foreign objects in the ports.
  - Do not charge the vehicle when the plug of the charging connector or port, the socket, or metal terminals are loose or damaged by rust or corrosion.
  - When the charging connector, the port, the power plug, or the socket is visibly stained or damp, wipe them with a dry and clean cloth to ensure the connection is dry and clean.
- Use a standard-compliant charging equipment.
  - To avoid charging failure or fire, do not modify, disassemble, or repair the charging equipment and related ports. Contact a BYD authorized dealer or service provider if there is a fault.
  - Do not use charging equipment that does not meet safety standards or has potential safety hazards. Do not allow children to use the charging equipment and keep animals away from the vehicle while charging.
- Ensure that your hands are dry before charging to prevent risk of personal injuries.
- If anything abnormal is found in the vehicle or the charging equipment during charging, stop charging immediately and contact a BYD authorized dealer or service provider.
- Always observe the following charging precautions to prevent damage to the vehicle:
  - Do not shake the charging connector, otherwise the vehicle charge port may be damaged.
  - Do not charge the vehicle in a thunderstorm to prevent risk of lightning strikes.
- Do not open the hood for maintenance while charging.
- After charging, do not disconnect the charging equipment with wet hands or while standing on any wet surface.
  - Before driving, ensure that the charging equipment is disconnected from the charge port.

Compatibility of vehicle and charging infrastructure

- Compatibiliy signs are located on the vehicle's charging socket, the local charging infrastructure (charging

stations and sockets), and on the charging cable.



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

Charging Precautions

- When the SOC is low, the instrument cluster turns red, it indicates that the high-voltage battery is about to be exhausted. Please charge it immediately, otherwise it will reduce the high-voltage battery service life and influnce your driving experience.
- Mode 2 charging means charging with an AC charging connector that complies with local standards. Use a dedicated AC line and power outlet that meets local standards. The purpose of using a dedicated line is to protect the line from tripping due to line breakage or high-power charging of the high-voltage battery. Using a line other than dedicated lines may affect proper operation of other devices on the line.
- Avoiding damage to the charging equipment (precautions for charging equipment):
  - Prevent the charging equipment from suffering any mechanical impact such as fall and collide.
  - Do not place the charging equipment near heaters or other heat sources.
  - Never drop the equipment or move it by pulling it directly by the cable. Take caution when moving the equipment.
- Before charging:
  - Make sure that the charging connector and the charge port are free of foreign objects, and that the protective cap of the charging connector terminal does not get loose or deformed.
  - Hold the charging connector, align the connector with the charge port and push it in, making sure that they are properly connected.
- When charging is complete:
  - Stop charging first and make sure the charge port is unlocked.
  - Pull the connector.
  - Do not force the charging connector out while the charge port is locked, otherwise the charge port may be damaged.
- Switch the ignition off before charging.
- Precautions:
  - The A/C can be used as normal while the vehicle is being charged. To ensure the charging power, it is recommended to turn off the A/C.
  - It is recommended that no one stay in the vehicle during charging.
  - It is recommended to park the vehicle in a ventilated area during charging.
- The vehicle system automatically stops charging when the high-voltage battery is fully charged.
- To stop AC or DC charging, turn off the charger before disconnecting the charging connector. In Mode 2 charging, remove the charging connector and then the power plug.
- When charging is complete and the charging connector is unplugged, make sure that the charge port's cap and door are closed, otherwise water

or foreign materials may enter the port and affect its normal use.

- During DC charging, the DC charging power is relatively small during the identification period to identify the real capability of the charging pile and allow the charging pile to exert its maximum output capacity, thereby bringing users a better charging experience.
- Before starting the vehicle, ensure that the charging equipment is disconnected. The locking mechanism can damage the charging equipment and the vehicle if the vehicle is started with the charging connector incorrectly inserted.
- When the temperature is low, it is recommended to charge the vehicle in heated space indoors. If the charge port door is frozen due to weather or other reasons, do not force it open.
- When the temperature is high, charging in a cool, ventilated place is recommended.
- Battery temperatures that are too low or too high compromise vehicle charging performance.
  - The temperature control system can improve low-temperature charging capacity of the battery. Due to output capacity limitations of charging piles, the charging time is extended, the heating time becomes longer, and the power consumption of heating is increased. These are normal phenomenons.
  - For faster low-temperature DC charging, charging from low SOC is recommended because, due to the low battery temperature, the charging current is small for vehicles with high SOC in low-temperature environments.
  - To improve your experience, it is recommended to charge the vehicle immediately after using it, as the battery is relatively hot and has better charging performance.
- Turning A/C on during low-temperature charging affects the performance of the battery temperature control system and charging.
- The use of A/C may worsen battery temperature control system performance in DC charging at high temperatures, resulting in lower charging performance and longer charging time. To ensure charging efficiency, it is recommended to keep the A/C off during charging.
- It is normal that when the battery temperature control system is working during charging, the charging power displayed on the instrument cluster may fluctuate temporarily.
- When the heating or cooling function is enabled during charging, it is normal that both charging time and power consumption increase slightly.
- Before charging is complete, battery equalization is activated for longer battery life and thus the charging time may be longer.
- 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 time until full charge is displayed on the instrument cluster and may vary slightly across temperatures, SOC, and charging facilities. Before charging is completed, "Calculating..." is displayed on the instrument cluster.
- When the vehicle is not used for an extended period, it is recommended to

fully charge it before use again. It is recommended to charge it every three months at least in order to prolong its service life.

- If the battery has not been fully charged for a long time, the instrument cluster may prompt a message showing "Please charge the vehicle to full capacity to allow the battery to balance automatically." It is recommended to fully charge the vehicle as soon as possible to ensure the lifespan of the battery.
- During the charging process, if the user finds that the charging power of the instrument drops to 0 kW after unlocking with the key, door armrest or door handle, it is a normal phenomenon, and the normal charging will resume after 30 s.

REMINDER

- Do not force the charge port door open when it is locked.
- Do not force the charging connector in or out while the charge port is locked.
- Do not close the charge port door when the port cap is fully open.
- When the vehicle is charged, it is normal that the cooling fan and A/C compressor may operate automatically for the high-voltage battery to cool down.
- Due to conversion losses, line losses, and other factors, the power supplied may show slight differences compared to the vehicle’ s displayed

REMINDER

charging energy and the meter’ s displayed energy.

-

Charging Method

The pure electric vehicle is driven by electric energy supplied from the high-voltage battery. To prevent insufficient power of the high-voltage battery affecting the vehicle driving experience, it is very important to charge the vehicle in time and estimate the power demand before driving.

Charging Methods:

1. Using Mode 2 Charging Cable
2. Using AC Charging Piles
3. Using DC Chargers

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

Charging Mode

- Charging Reservation (Only AC): Charge the vehicle regularly at a scheduled charging time set by the user.
- Immediate charging: Charging starts after the charging connector is connected.

General Charging Troubleshooting

Fault	Possible Cause	Solution
The charger is connected but charging does not start.	The high-voltage battery has been fully charged.	When the high-voltage battery is fully charged, the charging will stop automatically.
	High-voltage battery temperature is too high or too low.	Keep the vehicle in an environment with appropriate temperature and charge it when the temperature becomes normal.
	Low-voltage battery over-discharges.	Replace the low-voltage battery.
	Charging equipment fails.	If it is verified that the charging equipment's power indicator is working properly, or that there are no other unusual indications, change the charging equipment or contact the charging equipment supplier.
	Vehicle display fails.	Verify that there is a charging system fault message on the instrument cluster, then stop the charging. It is recommended to contact a BYD authorized dealer or service provider.
Charging stops midway.	There is an AC grid outage.	Charging will restart automatically after power is restored.
	Charging cable is not connected properly.	Verify that the charging connection cable is not loosely connected.
	Charging connection switch is pressed.	If the charging connection switch is pressed, the charging will stop. The charging connection should be connected again to start charging.
	The high-voltage battery temperature is too high.	Charging stops automatically if the high-voltage battery overheating warning light on the instrument cluster lights up. Charge the vehicle when the battery temperature returns normal.
	The vehicle or charging pile fails.	If there is any fault prompt for the charging pile or the vehicle, it is recommended to contact a BYD authorized dealer or service provider.

Vehicle AC Charge/Discharge and DC Charge Indicator

- The charging/discharging indicator is located in the charge port door on the right side of the vehicle body, indicating the charging/discharging state in green, yellow, red, blue, and white respectively.
- The DC charging/discharging indicator is located in the charge port door on the both side of the vehicle body, indicating the charging/discharging

state in green, yellow, red, blue, and white respectively.

- If the charging/discharging connector is not connected, the indicator remains solid white for a period of time. If the vehicle is locked during use, the indicator is on for a period of time and then turn off. When the vehicle is unlocked, the indicator lights up again.

Function	Vehicle Status	Indicator Status	Color
Lighting	Charge port opened (no connector connected)	Solid white	
Charging	Charge/discharge initialization process	Flashing yellow	
	Charging being scheduled/ charging paused	Solid yellow	
Charging	Charging in progress	Flashing green	
	Charging complete	Solid green	
Discharging	Discharging in progress	Flashing blue	
Fault	Charge/Discharge fault	Solid red	

Charging

- Check 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.
  - Make sure the metal terminals of power plug, socket, charging connector, or port are not loose or damaged by rust, corrosion, or ablation.
  - Make sure the charging connector, port, power plug, or socket is not visibly stained or damp. In any of the event, wipe them with a dry and clean cloth to ensure the connection is dry and clean.
  - In any of these cases, do not charge. Otherwise, personal injury may occur due to short circuit or electric shock.

Using Mode 2 Charging Cable*

Before using mode 2 charging cable

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

Equipment

- Connect the vehicle to a socket that meets local standards to charge the vehicle.
- Use household sockets that meet the local standards to prevent line damage or tripping due to high-power

charging, which can affect the normal use of other devices.

- This EV Mode 2 charging cable includes a power plug (complying with local standards), a charging connector, a control box, and a charging cable. The plug is connected to a standard household power socket, and the charging connector to the vehicle's charge port.
- Charging time: refer to the charging time message on the instrument cluster.

WARNING

- See "Charging Instructions" for charging safety warnings.
- The highest working temperature allowed for the charging equipment is 50°C. Store it 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 pull it directly by its cable. Take caution when moving the equipment.
- It is prohibited to modify, disassemble, or repair the charging equipment and its ports.
- It is not recommended to use any additional wire or adapter/connector. If an additional adapter is required, contact a BYD authorized dealer or service provider to choose a suitable

WARNING

cable diameter and the adapter/connector parameters must meet local requirements.

- Never use the charging equipment if the household power strip cable becomes soft, if the charging connector cable is worn out, if the insulation layer is cracked, or in case of any other damage.
- Never use the equipment if the charging connector, power plug, or power strip is disconnected or broken, or if there is any sign of surface damage.
- To prevent failure of the charge port door, do not open and close it repeatedly. The recommended time interval for opening and closing the port door is at least one second.

CAUTION

- The charging cable must not be placed in a spiral during charging, as this will affect heat dissipation.
- See ***P67*** for specific charging precautions.
- To prevent failure of the charge port door, do not open and close it repeatedly. The recommended time interval for opening and closing the port door is at least one second.

REMINDER

- It is recommended to contact a BYD authorized dealer or service provider or local electrician to select an appropriate power

REMINDER

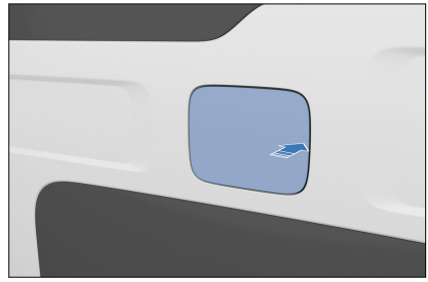
supply according to requirements of the charging equipment.

- Charging equipment grounding instructions: The equipment must be properly grounded. In the event of failure of or damage to the equipment, the grounding cable provides a minimum impedance to circuit discharge, reducing the risk of electric shock. If the power supply is improperly grounded while charging, a slight voltage may felt on the vehicle body. This is floating voltage phenomenon caused by incomplete grounding. In wet or snowy conditions, touching the vehicle body may cause a mild tingling sensation, which will not lead to personal injuries. To ensure charging safety, it is recommended to stop charging immediately and contact qualified personnel to inspect the grounding to eliminate potential hazards. If you have any questions, contact the official channels at any time for further assistance.
- The power plug must match a properly installed and well-grounded power supply outlet.

Charging

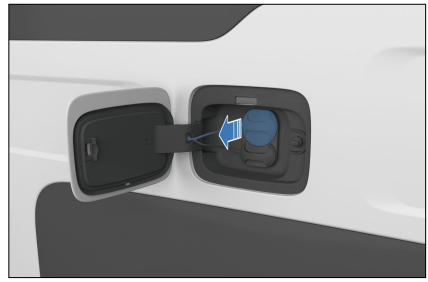
1.Open the charge port door

- With doors unlocked and the vehicle preferably powered off, press the charge port door to open it.



2.Open the charge port cap

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



REMINDER

- Do not open the charge port door forcibly when it is locked.
- If the charge port door is frozen due to weather or other reasons, do not force it open.

3.Connect the power supply terminal

- Plug the EV Mode 2 charging cable into a household socket.

4.Connect to the vehicle port

- Plug the charging connector correctly into the port.
- After the charging connector is inserted, the charging connection indicator lights up on the instrument cluster.

REMINDER

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

- In the charging process, the instrument cluster displays relevant charging parameters and the charging sign.
  - At this point, you can schedule charging on the infotainment touchscreen. See "Reservation Charging" for the configuration process (Only AC).

REMINDER

- During charging, the estimated remaining time to full charge is displayed on the instrument cluster. and may vary slightly across temperatures, SOC, and charging facilities.
- Scheduled charging cannot be used when the battery is too low.
- After DC charging is complete, the battery cooling system may still be active. The instrument cluster will display “Battery Thermal Management System in Operation”. During the cooling process, the compressor, fan and other components work when necessary. It is normal that there will be some noise under the hood.

Stopping charging

1.End the charging

- The charging automatically ends when the vehicle is fully charged.
- Press the unlock button on the smart key or press the door handle microswitch (while carrying the smart key), and remove the charging connector within 30 seconds to complete the charging process.

2.Unplug the charging connector

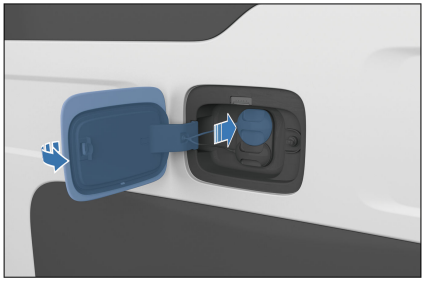
- Press the unlock button on the smart key or press the door handle microswitch while carrying the smart key and pull out the charging connector.

REMINDER

- To unlock the vehicle, press the unlock button on the key (when charging the vehicle with ignition switched off) or press the microswitch on the door handle (when the key is nearby).
- When the anti-theft system is enabled, unlock the vehicle to release the charge port immobilizer before pulling out the charging connector. The connector has to be pulled out within 30 seconds, or the port will re-lock.
- You can activate the anti-theft lock on the infotainment touchscreen, as detailed in ***P81*** 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 ***P82***.
- If you cannot pull the charging connector out directly when the charge port's immobilizer system is deactivated, try to unlock the vehicle and pull it again.

3.Disconnect the power plug.

4.Close the charge port cap and the port door.



5.Store the charging equipment properly.

REMINDER

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

WARNING

- Never drop the EV Mode 2 charging cable or pull it directly by its cable. Take caution when moving the equipment. Take caution when moving the equipment. Store the equipment in a cool place after use.

Using AC Charging Piles

Before Using AC Charging Piles

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

Equipment

- AC charging box
  - Use a standard-compliant household charging box. For how to use the charging equipment, refer to its user manual and follow the operating steps.
  - AC charging box: consists of a charging box, a charging connector, and a connecting cable. For information on circuit breaker and emergency stop switch, see the charging box user manual.
- AC charging pile
  - Charge the vehicle using an AC charging pile in a public place,
  - Charging time: refer to the charging time message on the instrument cluster.

Charging

1. Open the charge port door and port cap
   - Open as per the instructions in "Using Mode 2 Charging Cable".

2.Connect to the vehicle port

- Plug the charging connector into the port and make sure it is tight.

3.Charging settings

- For AC charging pile/box subject to authentication, swipe the card or scan the QR code. For details, see the user manual for charging pile/box.

4.The charging connection indicator lights up on the instrument cluster.

REMINDER

- In the charging process, the instrument cluster displays relevant charging parameters and the charging sign.
  - At this point, you can schedule charging on the infotainment touchscreen. See Scheduled Charging for the configuration process.

Stopping charging

1.End the charging

- Charging ends automatically when early stop time is due or charging is complete.
- Press the unlock button on the smart key or press the door handle microswitch (while carrying the smart key), then the vehicle will stop charging.

2.Unplug the charging connector

- Disconnect as per the instructions for mode 2 charging.

3.Close the AC charge port door (see instructions for mode 2 charging).

4.Store the equipment properly.

- Place the charger at the designated position in the AC charging pile/box (if used).

Using DC Charging Piles*

Before Using DC Charging Piles

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

Equipment

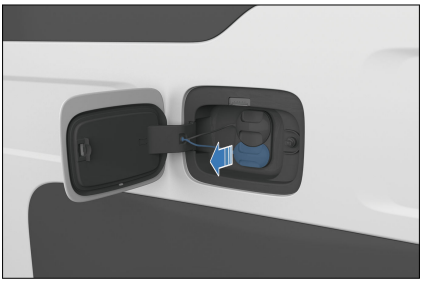
- Charge the vehicle using a public DC charging pile at a charging station.
- Charging time: refer to the charging time message on the instrument cluster.
- Equipment specifications: Please check the instructions for the charger.

Charging

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

1.Open the charge port door

- Unlock the charge port door, then open the port door and cap.



2.Connect to the vehicle port

- Plug the charging connector into the port and make sure it is tight.

3.Operate the charging equipment to start charging.

4.The charging connection indicator lights up on the instrument cluster.

REMINDER

- In the charging process, the instrument cluster displays relevant charging parameters and the charging sign.

Stopping charging

1.End the charging

- Charging ends automatically when early stop time is due or the charging is complete.
- Press the unlock button twice within three seconds or press the microswitch on the door handle to stop charging.

2.Unplug the charging connector

- Press the unlock button on the smart key or press the door handle microswitch while carrying the smart key and pull out the charging connector.

3.Reinsert the DC charge port cap and close the port door.

4.Organize the equipment

- When charging is complete, organize the charging equipment and store the charging connector in its designated position.

WARNING

- See ***P66*** for charging safety warnings.

CAUTION

- If the charging connector cannot be removed after unlocking, try a few more unlocking attempts. If that does not work, try emergency unlocking. For the operating procedure, see "Emergency Unlocking of the Charge Port" in "Charge Port Anti-theft Lock".
- To unlock the charge port after DC charging, press the unlock button twice within three seconds for the operation to be successful.
- See "Charging Instructions" for specific charging precautions.

REMINDER

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

Smart Charging

- When the high-voltage battery is sufficient and the low-voltage battery is tested low by the system, the high-voltage battery would be triggered and charge the low-voltage battery through high-voltage battery.

REMINDER

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

Battery Preheating

- When the vehicle is fast charging in cold conditions, users can choose to enable battery preheating. Once activated, the vehicle will immediately initiate battery preheating to bring the battery temperature to an optimal range, thereby reducing charging time.
- You can set the battery preheating on the infotainment touchscreen. The battery preheating setting page can be accessed in the following ways:
  - Enter the battery preheating interface by the infotainment touchscreen → Energy → Charging and Discharging.
- To exit the Battery Preheating page, tap the back button or the home button .

REMINDER

- This feature will automatically shut off once the battery temperature is preheated to the optimal range. It must be re-enabled for the next use.
- This feature will result in an increase in energy consumption once the battery preheating is activated.

REMINDER

- It is recommended to turn on this function before performing supercharging.

Discharging Equipment

- This vehicle is equipped with vehicle to load (V2L) function.
- This vehicle supports DC V2L and DC V2H functions. The discharging voltage meets DC150V-450V standard and the max discharging power is 10kw.

WARNING

- Do not touch any metal terminal of the discharging socket or the vehicle charge port during discharging.
- Stop discharging immediately if there are any abnormalities such as peculiar smell and smoke.
- See ***P66*** for safety warnings.
- Store the product in a cool and dry place when it is not in use.
- When discharging, do not place the equipment in the trunk, under the front of the vehicle, or near the tires,
- When using the equipment, prevent it from getting rolled over by the vehicle, dropped, or trampled on.
- Never drop the equipment or pull it directly by its cable. Take caution when moving the equipment.
- Never use the charging equipment if the power strip cable becomes soft, the charging connector cable

WARNING

is worn out, the insulation layer is cracked, or any other damage occurs.

- Never use the device when the discharging connector or power strip is disconnected or broken, or when there is any sign of surface damage.

CAUTION

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

REMINDER

- The V2L function is recommended only when State of Charge (SOC) is high.
- The V2L function is restricted when the vehicle SOC is low.
- When the vehicle is powered off, the static power consumption of the vehicle will increase if the V2L connection device is connected for an extended period without any output. Therefore, removing the discharging/charging connector is recommended when the device is not used.

Discharging

Starting discharging

- Before discharging, disarm the anti-theft alarm system.
- Unlock the charge port door switch, then open the port door and cap.
- Check before discharging:
  - Ensure that the vehicle SOC is at least 15%.
  - Ensure the V2L connecting device casing is not cracked, and its plug is free from rust or obstructions.
  - Ensure that there is no water or foreign material inside the charge port and that metal terminals are not damaged and free from rust or corrosion.
  - Do not discharge if abnormalities as described in the second or third condition are found; otherwise, short circuit or electric shock so caused could lead to personal injury.
- Connect the discharge connection device:
  - Connect the V2L discharging connector to the charge port and confirm that it is connected in place.
  - After the switch button on the discharging socket is pressed, the socket indicator stays on (red), indicating that the socket can be used.
- Start discharging:
  - After the equipment is connected, discharging will begin and related information will be displayed on the instrument cluster.

REMINDER

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

Stopping discharging

- End discharging:
  - Disconnect the load.
- Disconnect the discharge connection device:
  - Unplug the discharging device.
  - Close the charge port cap and the port door (see instructions for Mode 2 charging).
- Organize the equipment:
  - Store the equipment properly when discharging is complete.

Interior Discharging Equipment

- The vehicle has the function of discharging from the socket in the vehicle, which can provide 230V AC to the outside through the socket in the vehicle, with a maximum power of 6 kW.

REMINDER

- When the vehicle is in 'OFF' gear, the discharge socket in the vehicle is in non-working state, and the user needs to switch to 'OK' gear when using the discharge socket in the vehicle.
- When the discharge socket in the vehicle is connected to the load, it will start to work, and the power and driving range of the vehicle will continue to decrease when the load is working. Therefore, it is recommended that the user disconnect the load when the interior discharge socket is not in use.

CAUTION

- Before discharging, confirm the vehicle SOC and estimate the remaining driving range.
- Before V2L discharging, ensure that the load is turned off.
- The maximum power of the discharge socket in the vehicle is 6 kW. Please note the maximum operating power of the load.
- When the working temperature of the interior discharge socket is high, or the current to a single plug exceeds 16A, the socket will automatically disconnect the power supply and stop operating to ensure electrical safety.
- After pressing the switch of the discharge socket in the vehicle, the indicator lamp will be on for 5 seconds.

WARNING

- Do not insert foreign objects into the interior discharge socket port.
- Stop using immediately if there are any abnormalities such as peculiar smell and smoke.

Discharging in the Pickup Bed

Preparation before discharging:

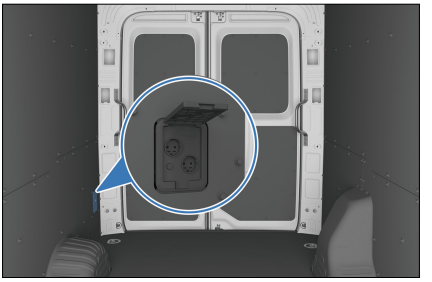
- Make sure the ignition is switched on.
- Do not discharge if the surface of the socket is damaged, rusted, cracked or the connection is loose.
- When the dischaging plug is stained or damp, cut off the power first. Wipe the plug with a dry and clean cloth to make it dry and clean.

Equipment

- Equipment specifications: The single-phase discharging equipment used must comply with local standards. Check the discharging socket in your vehicle for details.

Connecting the discharging equipment

1. Connect the equipment:
   - Plug the electrical equipment to the discharging socket in the vehicle.
2. Start discharging:
   - When the equipment is connected, the vehicle starts discharging.
   - The indicator lights up in the upper left corner of the instrument cluster, indicating that the socket in the vehicle is discharging.



3. End discharging:
   - Stop discharging by unplugging the equipment or powering off the vehicle and then unplugging the equipment.

WARNING

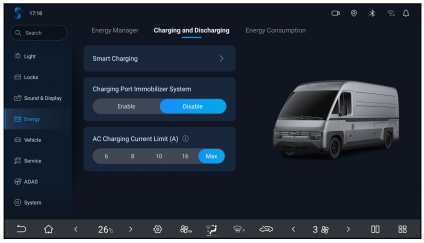
- To avoid electric shock, never use the discharging socket of the pickup bed in a thunderstorm or when washing the vehicle.

CAUTION

- Check the socket specifications requirements for discharging in the pickup bed (or in the vehicle). To avoid triggering the power-off protection, do not connect electrical equipment with excessive power or connect too many electrical equipment. If the power-off protection is triggered, go to a BYD authorized dealer or service provider for a check.

Charge Port Anti-theft Lock

- In order to prevent the charging and discharging connector from being stolen, the vehicle charge port is anti-theft during charging and discharging. This function is disabled by default. Go to the infotainment touchscreen → → **Energy** → **Charge/Discharge** to enable the charging port immobilizer system.



- When the immobilizer is activated, the charging connector will lock if charging connector is connected and the four doors, hood and trunk lid are locked. On the infotainment touchscreen, go to pull the charging connector after the vehicle is unlocked.

Unlocking

- When the immobilizer is enabled, unlock the vehicle and unplug the charging connector during charging in the following ways:
  - With the ignition off, press the unlock button on the smart key to unlock.
  - Press the microswitch next to the exterior handle of the driver's side door to unlock (with the smart key nearby).
  - Press the central unlock button on the driver's door to unlock.

No.	Charge Port Immobilizer System Status	Door Anti-theft Lock Status	Charging Connector Removable or Not
1	Enabled	Locking	No
2	Enabled	Start	Yes
3	Disabled	Locking	Yes
4	Disabled	Start	Yes

REMINDER

- After the charging connector is unlocked, it has to be pulled out within 30 seconds, or the port will re-lock.
- Please close the charge port door after pulling out the charging connector.
- In the event of abnormality or function failure, contact a BYD authorized dealer or service provider.

Emergency Unlocking of the Charge Port

When charging connector cannot be unplugged due to failure of the immobilizer, unlock the charge port manually.

1. Open the tailgate. There is a dragline for the charging connector on the left side panel inside the cargo area.
2. Open the cable latch and pull the emergency cable to unlock the charging connector.
3. Reset the emergency cable latch after unlocking.



REMINDER

- The dragline works only when the vehicle is locked.

REMINDER

- In the event of abnormality or function failure, contact a BYD authorized dealer or service provider.

Driving Range Display

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

REMINDER

- When the Dynamic driving range display mode is set:
  - The driving range that is displayed after a full charge may vary, depending on calculations of the energy consumed the last time the vehicle is used.
  - The driving range actually displayed will be adjusted based on the state of the vehicle's air

REMINDER

conditioner, the driving mode (ECO, NORMAL, SPORT, etc.) selected, and the driver's driving habits, so as to match the vehicle's actual driving range.

Regenerative Braking Settings

- Energy regeneration: In this process, the motor will generate reverse torque when the vehicle is decelerating, and the generated energy will be recovered and reused to improve the energy utilization rate of the vehicle.
- Braking regeneration:
  - When the vehicle is running in Drive, if you completely release the accelerator pedal and depress the brake pedal, and the vehicle is in a stable state, priority is given to responding to motor regeneration for deceleration during braking and deceleration. When the motor capacity is insufficient, the hydraulic brake will actively intervene to maintain the deceleration demand of the vehicle, and the generated energy will be recovered to improve the vehicle economy.
- Sliding regeneration:
  - When the vehicle is running in Drive, if you release the accelerator pedal at a certain depth, the motor will output reverse torque to decelerate the vehicle, and the generated energy will be recovered to improve the vehicle economy.
- Energy is recovered by the regenerative brake when the vehicle decelerates. Do not perform unnecessary sudden acceleration or deceleration, as it may affect normal vehicle operation for users.
- The regenerative braking intensity can be set with the regenerative mode button or on the infotainment touchscreen.
  - **Standard**: When the accelerator pedal is released, the motor controller recovers energy in the standard level, and the vehicle deceleration is in the standard level.
  - High: When the accelerator pedal is released, the motor controller recovers more energy, and the vehicle deceleration is high.
- The corresponding settings are accessible in the infotainment touchscreen → ⚙ → **Energy** → **Energy Manager** → **Regenerative Braking**.
- You can select the regeneration intensity based on the deceleration sense when releasing the accelerator pedal. Different deceleration senses deliver different driving experiences.
- The set regenerative braking intensity will be memorized. When the vehicle is powered off and then on, the regenerative braking mode set last time will be maintained.
- The power of the whole vehicle is weaker at low battery level than that at high battery level.

REMINDER

- Do not set the regeneration intensity when driving at high speed, as you may be distracted, resulting in accidents.

Batteries

High-Voltage Battery

- The vehicle is powered by a high-voltage battery that can be charged and discharged repeatedly. The high-voltage battery is charged by an external power source or through energy recovery when the vehicle brakes or coasts.
- The high-voltage battery is located under the vehicle floor, so be careful to avoid bumping when driving on bumpy or uneven roads.
- Due to the chemical characteristics of the battery itself, the battery capacity of vehicles that have been used for a period of time has natural degradation, and their pure electric mileage will reduce. When you find that the pure electric mileage of your vehicle has decreased, it is recommended to go to a BYD authorized dealer or service provider for check. The store-side inspection can confirm whether the reduction of pure electric mileage is normal.

Battery Properties

- It is normal that vehicle performance is affected by battery electrochemical properties and self-protection and varies to some extent in the following conditions:
  - When SOC is high, the regenerative braking performance may decline.
  - The vehicle switches to trickle charging mode at high SOC. If the charging time is prolonged, the estimated remaining charging time displayed on the instrument cluster may not be accurate.
  - When SOC is low, the acceleration performance may decline.
  - When the high-voltage battery is low, the V2L function cannot be used as normal. Charge the battery promptly.
  - At high or low temperatures, it is normal that the charging and discharging capabilities of the high-voltage battery decline, and the charging time is prolonged. Power performance may also decline under extreme temperatures.
  - When charging in low temperatures, the temperature control system can significantly improve charging capability. For details, see Charging Precautions.
  - When the vehicle is used at low temperatures, the battery's temperature control system will start heating the battery as appropriate to ensure the driving power and discharging performance and improve your driving experience. When the vehicle is driven over short distances, heating may be ineffective, which increases power consumption and decreases driving range.
  - Usable capacity of the high-voltage battery is lower in cold weather and reduces as the temperature decreases. If the vehicle with high battery level is charged at low temperatures, the SOC may quickly jump to 100%.
- When the high-voltage battery is normal, the driving range of the vehicle varies with the following factors:
  - Driving habit: For example, the range in frequent acceleration or deceleration is shorter than that at constant speeds, and the range is shorter when driving at high speeds than when at low speeds.

- Road conditions: For example, the range driven in rough conditions or on long slopes is shorter than that in normal conditions and on even roads.
- Temperature: The driving range at low temperatures is shorter than that at ambient temperatures.
- Use of electric equipment: For example, the range driven with A/C on is shorter than that with A/C off.

- 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.
- When the refrigerator is set to a low temperature, the battery temperature may be lower. It is recommended to drive for a while to allow the battery temperature to rise before charging. After prolonged high-speed driving, the battery temperature may be higher, which may also limit the charging power.
- 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. Preferably 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.
- For optimal battery performance, 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.

WARNING

- It is recommended to 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.
- Prolonged exposure to heat sources and direct sunlight reduce the service life of the high-voltage battery.
- When the vehicle is not to be operated for an extended period (over seven days), it is recommended that the battery SOC should be kept at 40%-60% to prolong its service life. When the vehicle is not to be operated for over three months, the high-voltage battery must be fully charged and then discharged to 40%-60% every three months. Otherwise, over-discharge may lead to battery performance degradation or even damage. Any vehicle fault or damage so caused will not be warranted.

CAUTION

- As the high-voltage battery is arranged at the bottom of the vehicle, careful driving is recommended in case of bumpy roads. If there is a collision with the high-voltage battery, contact a BYD authorized dealer or service provider immediately for maintenance.
- No one is allowed to enter the vehicle when the battery pack needs to be repaired.

Recycling the High-Voltage Battery

How to scrap an NEV:

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

WARNING

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

Low-Voltage Battery (12 V)

- The vehicle's low-voltage battery features the intelligent charging function. When the low-voltage battery is low, it may be charged by the high-voltage battery or the engine automatically to increase its battery life.

REMINDER

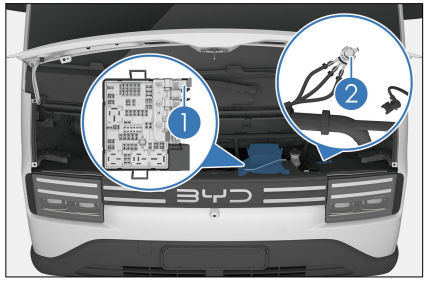
- It is normal that intelligent charging with the ignition off produces a sound which is heard when the ignition is switched on.
- When leaving the vehicle, make sure all electrical equipment is turned off and the doors are closed.

Waking up the Vehicle from Low SOC

- **Wake-up by the driver's door microswitch**
  - The low-voltage battery features the dormancy wakeup function. The low-voltage battery may enter a dormant state after long-term parking. In that case, the vehicle cannot be located or unlocked with the smart key. At this time, press the microswitch on the driver's door handle (See ***P43***) to activate the low-voltage battery. After the vehicle is unlocked, it can be used normally.
- **Wake-up by jump starting**
  - When the vehicle cannot be woken up and unlocked by the driver's door microswitch, use the mechanical key to open the door. Then, use a 12V power supply to start the vehicle by two specially designed cables for the jump start. In this case, the low-voltage battery SOC is low. The instrument cluster may display "The low-voltage battery SOC is low, and the vehicle is going to be powered off", and the vehicle will become dormant again. Start the vehicle immediately and keep it started for over 15 minutes to ensure that the low-voltage battery is fully charged. The jump start can only be carried out through the special interface of the under-hood PDB.

① Positive terminal for under-hood PDB jump starting

② Negative terminal for jump starting



- If the vehicle cannot be woken up and started by the above steps, it is recommended to contact a BYD authorized dealer or service provider immediately.

WARNING

- Do not connect the vehicle with other vehicles for a jump start before it is powered on. Otherwise, the low-voltage battery may be damaged.
- If the low-voltage battery SOC is too low or the battery fails, jump starting may be required. Please carefully read and strictly follow the jump starting instructions in this manual.
- The low-voltage battery contains an intelligent control module. To prevent battery damage, do

WARNING

not disassemble or damage this battery, except in an emergency.

- Disconnect the negative terminal of the low-voltage battery and the low-voltage maintenance switch connector before performing parts replacement and vehicle repairs.

CAUTION

- It is recommended that the jump starting be done under the guidance of professionals, as the space for operating the under-hood PDB is limited and circuit-based risks are present.
- Do not clean the low-voltage battery with liquid to prevent ingress.

Usage Precautions

Break-in Period

- If the powertrain is hard to start or frequently stops turning, inspect the vehicle immediately.
- If the powertrain makes any abnormal sounds, stop the vehicle for inspection.
- If the powertrain has severe coolant and oil leakage, stop the vehicle for inspection.
- The powertrain needs break-in. This should preferably be done within the first 2,000 km in economic mode. Steady driving instead of high-speed driving is recommended. The following practices effectively prolong vehicle service life:
  - Avoid flooring the accelerator pedal when starting and driving the vehicle.
  - Avoid speeding.
  - Avoid emergency braking within the first 300 km.
  - Do not maintain a high or low speed for too long.
  - Do not use the vehicle to tow other vehicles within the first 2,000 km of mileage.

Trailer Towing

Towing Capacity

- The towing capacity depends on various factors such as vehicle specifications, loads, road conditions, and trailer specifications. For driving safety, avoid speeding and overloading. See the table below for specifications.
- The total towing weight must not exceed the limits below:

Item	Parameter	Note
Maximum towing capacity (braked) (kg)	1,500	Maximum towing capacity when the trailer is braked
Maximum towing capacity (unbraked)(kg)	450	Maximum towing capacity when the trailer is unbraked

Item	Parameter	Note
Maximum vertical load (kg)	150	Maximum vertical load on ball joint

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

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

WARNING

- The driver must be qualified for towing the total vehicle mass (including the vehicle and trailer).
- The vertical load on the device connecting the towing vehicle and the trailer must be at least 4% of the total trailer weight or 25 kg (whichever is heavier), without exceeding the maximum allowable vertical load on the ball joint of the trailer. Unbalanced loads on the trailer wheels or heavier loads at the rear may cause the trailer to sway, resulting in loss of vehicle control.
- Make sure no one rides in the trailer during towing.
- The maximum gradeability allowed is 12% during towing.
- Always ensure that the cargo is secured in the trailer and cannot move. Moving the cargo may cause loss of vehicle control, resulting in serious injury or death.
- To avoid potential accidents and serious injury, never exceed the maximum towing capacity of the trailer hitch or maximum vertical load of the ball joint.

WARNING

- To avoid loss of vehicle stability or danger, never attempt to tow a trailer in the following cases:
  - Using a faulty tire.
  - Using a temporarily repaired tire.
  - Using a spare tire.
- Please observe applicable local laws and regulations regarding towing. Never modify the vehicle.
- When a trailer is equipped with an electromagnetic brake, confirm with the trailer manufacturer for the installation of the electromagnetic brake synchronizer.
- BYD does not assume any responsibility for vehicle damage or injuries resulting from failure to comply with the proper guidelines of towing in this manual. Damage caused by towing a trailer is not covered by the warranty.

CAUTION

- When the vehicle is loaded with certain equipment, personnel or goods, the vertical load will be reduced, thus weakening the towing capacity. In towing mode,

CAUTION

the vehicle shall not exceed the gross vehicle weight rating (GVWR). GVWR is printed on the vehicle nameplate.

- Considering the cargo properties, the vertical load imposed by the trailer on the towing vehicle's trailer hook shall be 10% of the gross weight of the trailer. Please ensure that the maximum design mass of the vehicle includes the vertical load borne by the trailer hook, passengers and cargo.

Tire pressure during towing

- To tow a trailer, adjust the tire pressure to accommodate additional loads. Keep front tires inflated to 370 kPa and rear tires to 470 kPa.
- For towing, the technically permissible maximum mass on the rear axle may be exceeded by no more than 2500 kg and the technically permissible laden mass of the vehicle may be exceeded by no more than 650 kg. In these instances, the vehicle speed must not exceed 80 km/h.

Rearview mirror and holders for towing

- The field of view of the rearview mirror during towing should comply with the laws and regulations. If the original side mirrors does not meet the using conditions, install appropriate towing mirrors. The towing mirrors can be attached to the surface of the side mirrors or clamped with a holder on the mirror frame. For detailed installation and usage instructions, refer to manuals of the towing mirrors.

WARNING

- Do not tow a trailer in the break-in period.

WARNING

- Before towing, be sure to:
  - Inflate tires to the specified cold tire inflation pressure.
  - Adjust the interior rearview mirror and side mirrors to provide clear rear views without significant blind spots.
  - Keep the towing vehicle and the trailer horizontal when the trailer hitch is used. If the connection device tilts up and down after connection, confirm whether the vertical load of the towing device is within the allowable range of the vehicle.
  - Check that trailer lights and turn signals operate normally.
  - Check that the trailer brake works normally.
  - Check that all trailer hitch components, accessories, and electrical connectors are in good condition and properly connected. If any problems occur, do not tow the trailer.
  - Check that wheel chocks are available.
  - Check that trailer loads are evenly distributed.
  - Place heavy objects in the trailer as near the axle as possible to prevent them from swaying and thus interfering vehicle traveling.
  - Make sure the trailer cable does not contact or drag on the ground and has enough slack for turning.
- Store the trailer hitch properly when it is not used.

WARNING

- Starting to drive:
  - Start the vehicle smoothly and avoid sudden acceleration or emergency braking, or the vehicle may be out of control due to slipping, especially on a slippery road.
  - Crosswinds or rough roads can cause vehicle sway, leading to difficulties in controlling the vehicle. In any situation, whenever you notice any slight sway of the vehicle, hold the steering wheel firmly with both hands and slow down gradually. Never attempt to eliminate sway by increasing the speed.
  - An unloaded towing vehicle combined with a loaded trailer will cause improper load distribution. If this is unavoidable, drive slowly.
- Braking:
  - Sudden braking may cause slipping, bottom scratches, or lose of control.
  - Be sure to at least double the normal following distance because the vehicle braking distance increases during towing.
- Overtaking:
  - Towing a trailer requires a longer distance to overtake.
- Reversing:
  - Be careful to operate and reverse at low speed because reversing while towing is difficult.
- Turning:

WARNING

  - When making a turn, signal in advance, avoid bumps or sudden turns whenever possible, and keep the vehicle steady.
  - While turning, ensure a larger radius than usual to prevent the trailer from colliding with curbs, road signs, trees, or other obstacles.
- Driving on a slope:
  - Decelerate the vehicle before driving with a trailer on a relatively steep or long slope. Adjusting vehicle speed based on trailer weight, road gradient and battery SOC to reduce the possibility of engine overheating and battery overdischarge.
- Parking on a slope:
  - Avoid parking on a slope. If this is absolutely necessary, operate as follows to make sure the vehicle has stopped completely and chock the wheels:
    1. While one person presses and holds the brake pedal, a second person places wheel chocks under the wheels on the downhill side.
    2. When chocks are in place, release the brake pedal and ensure the chocks can bear the weight of the vehicle and trailer (with AVH disabled).
    3. Shift into Park and ensure that the electronic parking brake (EPB) has been activated.
- If parking on a slope is necessary, always ensure that all trailer wheels are securely chocked.

WARNING

Failure to do so may result in serious vehicle damage, personal injury, or death.

- Drive carefully on slippery roads, such as roads covered in ice, snow or sand, or surfaces such as wet ceramic tiles or epoxy resin. Avoid stoping on slopes to prevent vehicle sliding.

CAUTION

- Towing can lead to the degradation of the vehicle driving power, economy, and durability, which is a normal phenomenon.
- When a trailer is coupled, it is normal for the trailer's LED taillights to flash slightly.

General towing troubleshooting

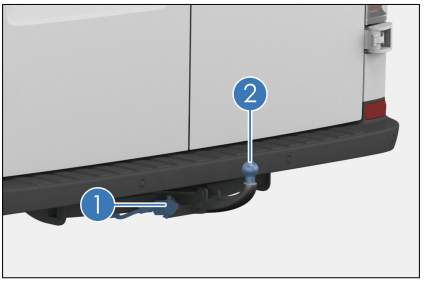
Fault	Possible Cause	Solution
Failure to activate the towing mode	Vehicle speed is not 0	Engage EPB, and activate the towing mode again when the vehicle is stopped.
	Cable disconnected or poor cable connection.	Unplug the cable and reconnect it.
Trailer light fault	Poor cable connection	Unplug the cable and reconnect it.
	Blown fuse	Contact a BYD authorized dealer or service provider.
Trailer indicator turning red	Accidental disconnection of trailer cable during driving	Pull over as soon as possible and check whether the cable is properly connected; if not, reconnect it. If the cable is damaged, repair it as soon as possible.

Towing mode

- Equipment

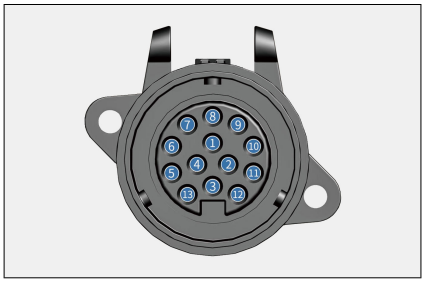
① Electrical connection plug

② Trailer hitch



- Electrical connection
  - All trailers are legally required to be equipped with taillights, brake lights, side indicators and turn signals. To

provide power for trailer lighting, a built-in 13-pin electrical connector is provided for the hitch. When the vehicle is stationary, inserting the trailer plug into the vehicle electrical connector will automatically activate the towing mode. If the trailer connector is not 13 pin, an adapter is needed.



- Standards for power intake port is ISO 11446: 2004. The pin functions are as follows:

Pin Number	Function	Color
1	Left turn signal	Yellow
2	Rear fog lights	Blue
3	Pins 1-8 GND	White
4	Right turn signal	Green
5	Right taillight	Brown
6	Brake lamp	Red
7	Left taillight	Black
8	Reverse light	Pink
9	12V power supply-permanent	Orange
10	12V power supply-switch/ ignition	Gray
11	Pin 10 GND	Black/White
12	Reserved (not connected)	/
13	Pin 9 GND	Red/White

WARNING

- Use only the electrical connection device provided by BYD. Do not directly splice or connect the trailer's electrical circuit by other methods. It may damage the electrical system and cause faults.

CAUTION

- Ensure that all electrical connections and trailer lights operate normally before and during towing.
- Do not point high-pressure water directly at the electrical connection devices as this can result in water ingress and device damage.

Guide for the towing mode

- Preparation before connecting
  - Take out the trailer hitch and insert it into the reserved interface at the rear of the vehicle.
  - Shift into Reverse, and enable the towing mode on the around view screen.
  - Reverse the vehicle with the aid of the towing assist guide cursor in the reversing image, and make the ball joint of the trailer hitch close to the mechanical connecting device of the vehicle to be towed. Park the vehicle and then get off to connect.
- Connecting the two vehicles
  - Connect the two vehicles according to the instructions of the trailer.
  - When the vehicle is in Park, it automatically enters the towing mode after the cable is connected.
- Indicator detection
  - Automatic: Indicator detection automatically starts 15s later after the cable is connected.
  - Manual: On the infotainment touchscreen → ⚙ → **Vehicle** → **Driving Control**, enable automatic indicator detection, and the detection starts after 15s.
- The following driver assistance functions are disabled in towing mode. Please drive with caution.

No.	Function
1	Adaptive cruise control
2	Intelligent Cruise Control (ICC)
3	Rear cross traffic alert
4	Rear cross traffic braking
5	Rear cross traffic alert
6	Blind spot detection
7	AEB
8	Emergency Lane Keeping Assist

No.	Function
9	Lane departure warning

WARNING

- Never connect or disconnect the cables and trailers when the vehicle is not in Park, or hazards may occur.
- It is recommended to connect or disconnect the cables when the vehicle is powered off to prevent accidental electric shock.

CAUTION

- The maximum speed is limited in towing mode to ensure safety.
- When opening the tailgate in towing mode, pay attention to the distance and clearance between the tailgate and the trailer.
- In towing mode, the driving mode is NORMAL by default and cannot be changed.
- When the vehicle is in Park, disconnect the cable and then shift into other gears to exit the towing mode for driving safety.

Towing mode indicator

- The towing mode indicator is displayed on the instrument cluster.

Function	Vehicle Status	Indicator Status	Indicator
Trailer	Normal	Blue Solid on	
	Abnormal	Solid red	

- The indicator is off when the trailer cable is not connected.

Influence of trailer towing on mileage

- Towing increases vehicle weight and drag, thus decreasing the available driving range. The trip planning function estimates the range based on the previous energy consumption while towing (using an initial calibrated value for the first trip) and dynamically updates the estimate based on real-time energy consumption during the journey.

How to solve trailer sway

- When trailer sway is detected, ESC applies braking accordingly to minimize sway. The ESC indicator flashes on the dashboard. When the vehicle brakes automatically for the sway, the indicator will keep flashing even if you step on the brake pedal until the vehicle becomes stable.

Driving Safety Precautions

Drunk driving is strictly forbidden

Even a small amount of alcohol can reduce a driver's ability to respond to traffic condition changes. The higher the level of alcohol, the less responsive the driver will be. Therefore, never drive while under the influence.

Speed control

Speeding is a major cause of fatal accidents. Faster speeds generally entail higher risk. Therefore, maintain a speed safe for the road traffic conditions.

Keeping the Vehicle Safe for Driving

Tire bursts and mechanical faults are extremely dangerous. To reduce the possibility of such faults, frequently check the vehicle's condition, and regularly complete the specified inspections.

CAUTION

- Any driver must possess a driver's license before driving a vehicle.
- Do not drive when fatigued.
- Always follow the traffic regulations when driving a vehicle.
- When driving, drivers must stay focused and not carry out any unrelated activity, such as answering calls or adjusting buttons.

Vehicle Use Suggestions

Suggestions for prolonging the battery usage:

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

- If the instrument cluster malfunctions when driving, it is recommended to contact a BYD authorized dealer or service provider for inspection as soon as possible.
- When the high-voltage battery temperature is high, the vehicle performance will be limited to some extent. In this case, stop the vehicle and wait until the temperature drops before operating.

REMINDER

- If the meter drops to 0, the battery must be recharged. If it is not recharged within 7 days, the battery may suffer permanent damage. Such damage is not covered by BYD warranty terms.
- Driving range depends on many factors, such as the vehicle's available power, vehicle age (current battery life), weather, temperature, road conditions and driving habits. Compared with under normal temperatures, the pure-electric driving range is somewhat reduced and power performance will also be affected in low or high temperature environments.

Saving Energy and Extending Vehicle Service Life

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

Regenerative braking setting:

- The vehicle is equipped with a regenerative braking system which enables energy recovery. To set the braking intensity, go to the infotainment touchscreen → → **Energy** → **Energy Manager** → **Regenerative braking intensity**. Selecting a higher level allows more energy to be recovered during braking and coasting. Adjust the setting according to your driving preferences.

Maintaining constant speed:

- Constant speeds save energy. Sudden acceleration or deceleration, sharp turns, and emergency braking increase consumption.
- Speeds should be kept constant according to traffic conditions. Additional energy is consumed each time the accelerator is pushed.
- Acceleration should be gradual. Avoid sudden startup, acceleration, or deceleration.
- Prevent emergency braking, and subsequent brake wear, by keeping an appropriate distance from vehicles ahead, and paying attention to traffic lights.
- Congested roads increase energy consumption.
- Keep moderate speeds in motorways. The higher the speed, the higher the consumption. Maintaining vehicle speed within the economical speed range can save power.

Reducing load:

- Consumption is higher when air conditioning is used. Turn off the A/C to reduce power consumption. When outside temperatures are moderate, use fresh air mode.
- Do not overload the vehicle unnecessarily. Excessive weights add the load of vehicle, increasing energy consumption.

Other tips:

- Make sure tire pressure is correct. Low tire pressure increases energy consumption and wear.
- Keep the front wheels properly aligned. avoid driving into curbstones, and drive slowly in rough terrain. Misalignment of the front wheels not only increases tire wear, but also increases load on the powertrain and power consumption.
- Keep the bottom of the vehicle clean and mud free. This reduces vehicle weight and prevents corrosion.

REMINDER

- Do not coast in neutral gear.

Carrying Luggage

- This vehicle has multiple storage spaces.
- The glove box and door bins are designed to store small and light items, while the pickup bed is used to store larger and heavier items.
- Overloading or improper accommodation may affect maneuverability, stability and normal operation of the vehicle, and reduce its safety.
- Make sure the vehicle's total load (vehicle + passengers + luggage) remains within the specified maximum weight.
- Please read the following information carefully before carrying luggage.

WARNING

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

Carrying Luggage in the Passenger Area

- All items that could be thrown inwards and thus injure occupants in case of a collision must be properly placed and secured.
- Ensure that items placed on the floor behind the front seat do not roll under the seat, so as to avoid affecting the driver's ability to control the pedals or normal seat adjustment. Do not stack items to a height taller than the front seats' seat backs.
- Make sure the glove box is always closed while driving. If the glove box is open, the occupant's knees may be injured in case of a collision or an emergency stop.

WARNING

- Do not pile up toys in the vehicle, as this may affect driving safety and present a hazard to the children, especially in case of emergency braking or collision.

Loading the Pickup Bed

- Place luggage evenly in the trunk. Put heavier items at the bottom and as far as possible.

- Secure items with ropes or straps so that they will not move while driving.



WARNING

- Make sure the tailgate is properly closed when the vehicle is in motion.
- Do not place flammable and explosive materials such as gasoline containers and spray cans in the cargo box to avoid fire or even personal injury.

CAUTION

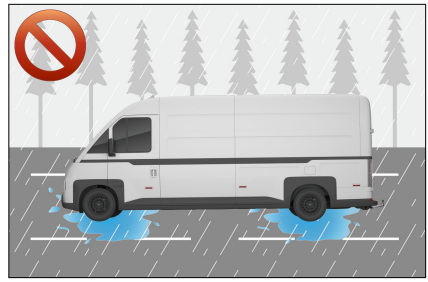
- In order to ensure the safety of the vehicle when loading goods, please ensure that the length and width of the goods do not exceed the cargo box, and reduce the height of the goods as far as possible.
- Please use tarpaulin or rope to fix the goods to prevent the goods from falling.
- Do not use the roll cage* and cargo door to support the cargo.
- Please load the goods evenly to avoid the movement of the goods and the partial overload of the vehicle, or even damage to the cargo box and frame.

REMINDER

- Before driving, make sure the cargo is properly secured.

Wading into Water

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



- Never stop, back up, or turn off the vehicle in flooded areas.
- Be careful when driving through deep water, as brakes may get wet.
- After crossing over, press the brake pedal several times to dry out the disks and recover brake performance.

WARNING

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

WARNING

- Drive carefully and avoid emergency braking after crossing flooded areas.
- The motor will be seriously damaged if it is submerged when crossing a flooded area. Such damaged is not covered by the vehicle's warranty
- Other systems like transmission, driving and electrical systems may also be seriously damaged upon submersion. Such damage is not covered by the vehicle's warranty either.
- If the vehicle is immersed in water or wades through water over the doorsill, which may cause water ingress in high-voltage components, promptly contact a BYD authorized dealer or service provider for testing and troubleshooting.
- Do not drive the vehicle on the road where the depth of accumulated water exceeds half of the tires.

Influence of water ingress in high-voltage components:

- Water getting into high-voltage components, which are electronic devices, may not be fully dried out by any means.
- Water ingress seriously compromises insulation of high-voltage components, and conductive substances in water may lead to short circuit of high-voltage components or such risk in the entire high-voltage system. This significantly affects the safety and service performance of the vehicle.
- Water in high-voltage components reduces ingress protection rating and voltage withstanding performance, posing a high safety risk.
- Be sure to find a sheltered place when charging the vehicle on rainy days.

Fire Prevention

To prevent vehicle fires in a timely and effective manner, pay attention to the following during use of the vehicle:

- No flammable or explosive items are allowed in the vehicle.
  - Temperatures may reach 60-70°C in a vehicle exposed to direct sunlight in summer. Therefore, flammable and explosive items, such as lighters, cleaning agents and perfumes, stored in the vehicle can cause a fire or even explosion easily.
- Make sure cigarettes are thoroughly put out.
  - Smoking is harmful to your health and may cause a fire. Cigarettes that not thoroughly put out may cause a fire.
- It is recommended to go to a BYD authorized dealer or service provider for regular vehicle checks.
  - Check vehicle wiring, connections, wiring harnesses, insulation, and fixed position regularly. Deal with identified problems promptly.
- Do not refit vehicle wiring or add any unauthorized electrical appliance.
  - The addition of extra electrical appliances, such as high-power audio systems, light fixtures, etc., may overload and overheat the wiring harness and increase the risk of fire.

- Improper refitting of electrical appliances or wiring may cause a fire due to contact resistance and abnormal heating. Fuses or other replacement wires in excess of relevant electrical rating are strictly prohibited.

- Select a proper parking location.
  - When parking the vehicle, try to avoid sun exposure.
  - When the vehicle is parked, especially in summer, do check whether there are any flammables such as dry grasses, dead woods, leaves or wheat straws under the vehicle. If any flammable materials are found under the vehicle, clear in time to prevent a fire.
  - When the vehicle is running, avoid driving on the road sections piled up with flammables such as ry grasses, dead woods, leaves or wheat straws. If the road cannot be avoided, stop the vehicle to check whether any flammables are carried along after passing such road sections.
- Keep a lightweight fire extinguisher in the vehicle and know how to use it.
  - In order to ensure vehicle safety, a fire extinguisher should be equipped in the vehicle, and be checked and replaced regularly. Also, you should familiarize yourself with use of the fire extinguisher and be prepared for any accidents.
- Disconnect the negative cable of the low-voltage battery when the vehicle is being serviced or repaired.
- In the event of a fire in the vehicle, take effective measures in a timely and calm manner to minimize any losses.
  - Fires typically show initial warning signs, such as abnormal noises and odors in the vehicle body. When abnormal conditions are found, turn off and stop the vehicle immediately. It is best to park the vehicle in a windproof place, and then put out the fire using the fire extinguisher in the vehicle.
  - Call the fire alarm in time, and also dial the insurance company's reporting number and ask the company to come to the fire site for handling.
  - Look for the ignition point. If the front compartment is smoking, do not open the hood immediately. (Doing so will let a large amount of air in and cause fire spreading. There is limited comburent in the front compartment. Keeping the hood closed can control the fire so that the fire can be easily put out). Point the on-board fire extinguisher at the ignition point from the hood gap to put the fire out, or seek help from the passing cars. If you can borrow more fire extinguishers, open the hood to put it out when you cannot see any flame from outside.
  - If the fire brigade is involved, ask for a duty performance certificate and a description of fire cause.
  - After occurrence of the accident, contact the insurance company for post-event handling in a timely manner.

REMINDER

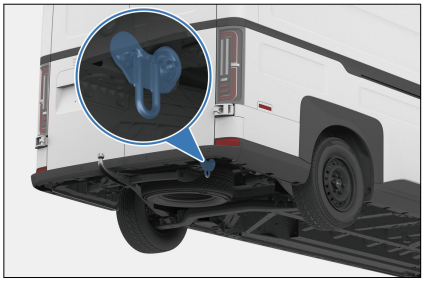
- In order to mitigate losses in the event of an accident, the purchase of commercial insurance (fire loss, theft, etc.) is recommended.

Marine Support

- Marine support is a vehicle fixing device specially designed for ship transportation, which is used to stably

fix the vehicle on the container or ship deck through mechanical connection during shipping, so as to prevent vehicle displacement or capsizing caused by ship shaking, collision or vibration during transportation.

- The sea transportation plan involves using a tow hook for the front of the vehicle and a marine support bracket for the rear, for securing the vehicle in place.
  - Front tow eye: Typically installed on the vehicle's front longitudinal beam, serving as the connection point for the ship's securing device during sea transport;
  - Rear marine support: The bolt is fixed to the vehicle's right rear longitudinal beam and is used in conjunction with the ship's securing point to form a two-way fixed front-to-rear arrangement.



CAUTION

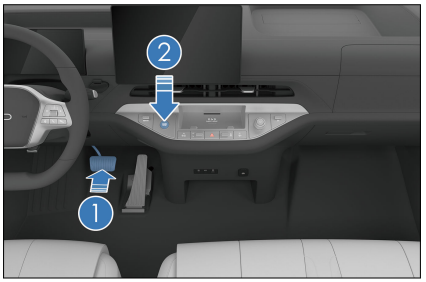
- The rear marine support is solely for securing vehicles to the ship using the marine hooks during shipping and is prohibited from being used for tying and towing other vehicles.

Starting and Driving

Starting the Vehicle

In normal cases, start the vehicle as below:

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



The vehicle cannot power on when

- The vehicle cannot power on when:
  - After you press the START button, if the smart key warning light turns on, a beep sounds, and the message "No key detected" is displayed on the instrument cluster, the key is not in the vehicle or cannot be detected due to interference.
  - When the key is somewhere unsuitable for detection, such as on the floor, in the cup holder, trunk, etc, it cannot start the vehicle either.

- Pressing the START button may not enable the start function in the following situations:
  - If the electronic smart key does not work, the smart key system warning light flashes and the message "Low key battery" is displayed on the instrument cluster, the battery of the key may be exhausted. Replace the electronic smart key battery as soon as possible with reference to the operation procedure given in ***P188***.
  - Except for causes mentioned above, the smart access and start system also fails to work normally under some conditions due to different service environments. See ***P46*** for relevant details.

REMINDER

- The vehicle can not be started when the electronic key is left stationary for more than 1 minutes (depending on the configuration of the vehicle).

Starting the vehicle in emergencies:

- Engage the parking brake firmly.
- Turn off all unnecessary lights and accessories.
- Shift to "P" or "N".
- The power mode is "OFF".
- The smart key is in the vehicle.
- Press and hold the START/STOP button for more than 15 seconds to start the vehicle.

CAUTION

- Do not touch the power button while driving.

Remote Start*

Before starting

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

Remote Start with the Electronic Smart Key

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



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

Driving

Safety Check before Driving

Exterior

- Tires: Check tire pressure and carefully inspect tires for any cut, damage, foreign material, anomaly, and excessive wear. In case of excessive or uneven tire wear, take

the vehicle to a BYD authorized dealer or service provider for four-wheel alignment and relevant inspections as soon as possible.

- Lug nuts: Ensure all nuts are fitted and tightened.
- Leaks: After the vehicle has been stationary for some time, check for fluid deposits beneath it. These may indicate a leak of coolant or other liquids. (It is, however, normal for a small pool of water to form, caused by the air conditioning system.)
- Lighting: Make sure headlights, position lights, turn signals and all other lights are working normally. Check headlight intensity.

Interior

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

In the engine compartment

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

Check after starting

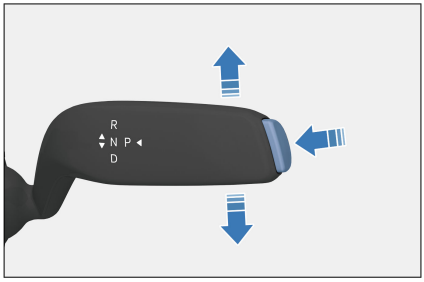
- Instrument cluster: Confirm that the maintenance indicator and the speedometer work normally.
- Brakes: In a safe area, drive the vehicle straight, hold the steering wheel tightly, decelerate and apply the brake. Verify that the vehicle maintains a straight direction.
- Other abnormalities: Check for loose parts, leaks, and unusual noises.

Preparations Before Driving

- Check your surroundings before getting into vehicle.
- Adjust seat position, seatback angle, cushion height*, head support height, and the steering wheel angle.
- Adjust the rearview mirror and side mirrors.
- Make sure all doors are closed.
- Fasten the seat belts.

Gear Shift Controls

- The gear options are indicated on the gear shift lever. Push the lever up or down to switch between "R", "N”, and "D" gears. Press the button on the right side to shift to "P" gear.
- After starting the vehicle, press the brake pedal and push the gear shift lever up or down to shift out of "P" gear.
- "P" gear is for parking. Press this button to park the vehicle.



WARNING

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

- "R": Reverse, used only when the vehicle has come to a complete stop.
- "N": Neutral, used for temporary stop. Under all circumstances, always shift into Park before getting off.
- "D": Drive, shift to Drive gear to drive the vehicle normally.
- If the shift is successful, the lever returns to its middle position after it is released.
- Turn the ignition on before shifting into Drive.
- Shifting out of Park or into Drive requires pressing the brake pedal. See more details in the Instrument Cluster Prompt.

WARNING

- If the vehicle continues to move for some time in Neutral with motor off, the transmission may be severely damaged due to lack of lubrication.
- When the engine or motor is running and the vehicle is in Reverse or Drive, be sure to stop the vehicle by depressing the brake pedal, because the actuator can still transmit drive force to let the vehicle travel slowly even in idle condition.
- If you want to shift a gear while driving, do not step on the accelerator pedal to prevent accidents.
- Never shift into Reverse or press the "P" button while the vehicle is moving.
- Never coast downhill in Neutral or Park.
- To prevent unintended vehicle movement, press the "P" button after fully stop the vehicle. If the electronic parking brake indicator does not light up after that, manually activate the electronic parking brake via the infotainment touchscreen to ensure safety.

Electronic Parking Brake (EPB)

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

Engaging EPB Manually

- Engaging elecctrical park brake(EPB) on shortcut menu or infotainment touchscreen → ADAS → Active Safety, when you press the brake pedal and EPB is released, EPB applies an appropriate parking force, the indicator on the instrument cluster flashes and then is steady on, indicating that EPB is engaged. In addition, a text prompt "EPB activated" is displayed.

CAUTION

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

Engaging EPB Automatically

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

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

CAUTION

- When the vehicle needs to be towed due to breakdown, or the brake pedal needs to be replaced for repairing, you can toggle on Electronic Parking Brake Trailer Mode* (EPB Trailer Mode) in the infotainment touchscreen → ⚙ → **Vehicle** → **Driving Control**.

Automatic EPB Release upon Vehicle Start

Releasing by shifting gear:

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

CAUTION

- Be sure to always press and hold the brake pedal when shifting gears. Release the pedal only after the intended gear is displayed on the instrument cluster.
- The EPB system conducts power-up self-check within several seconds after the vehicle is started. In this process, the system does not respond to any function.

Releasing by pressing the accelerator pedal

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

Emergency Braking When Brake Pedal Fails

- When the vehicle is in motion and ESC system works normally, controlled deceleration for parking (CDP) can be used for emergency braking if braking fails or is blocked.
  - Press the "P" button for over two seconds to force the vehicle to brake. Pressing the brake pedal

simultaneously allows the vehicle to decelerate faster.

- You can release the "P" button to stop braking.
- After the vehicle stops, EPB remains engaged and must be released again before you can start the vehicle.

WARNING

- For safety considerations, refrain from using the "P" button for emergency braking in normal driving. If the brake pedal fails or is blocked, use the emergency braking function while you can always keep the vehicle under control and drive normally.
- As the EPB cannot go beyond the physical limit of road adhesion, activating the emergency brake function may result in vehicle drift, sideslip, or deflection when the vehicle passes through bends or dangerous/heavy-traffic road sections, or when the vehicle is driven under severe weather conditions. Be careful to avoid any accident.

CAUTION

- When CDP is activated, if the accelerator pedal is pressed more deeply, CDP will exit and the vehicle will keep running.

EPB Trailer Mode

The EPB trailer mode is mainly set for the automatical EPB engagement function with the ignition off. When the vehicle needs to be powered off for being towed, or when it malfunctions, you can switch on the mode to exit EPB. If EPB cannot be released, contact a BYD authorized dealer or service provider immediately.

- Tap → **Vehicle** → **Driving Control**→ **Electronic Parking Brake (EPB) Trailer Mode** to enable the function.
- EPB trailer mode can be activated when all the following conditions are met:
  - The vehicle is in Park.
  - Press the brake pedal.
  - The charging connector is not connected, and the vehicle is not being charged.

CAUTION

- When the activating conditions of EPB trailer mode are not met, a corresponding prompt message displays on the infotainment touchscreen.
- After activating the EPB trailer mode, the corresponding screen always displays on the infotainment touchscreen unless you tap to exit the EPB trailer mode.
- When the vehicle is on a slope and you need to enable the EPB trailer mode, do not release the brake pedal during the process to avoid vehicle slipping.
- If the vehicle fails and needs towing, see ***P190*** for recommended towing method.

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

EPB System Indicator

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

EPB Operating Sound

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

WARNING

- To prevent the vehicle from moving, make sure the vehicle is in Park gear and EPB is engaged before leaving the vehicle.
- To prevent serious accidents, never allow any passenger in the vehicle to operate the EPB button when the vehicle is running.
- When the EPB is being engaged or released, the brake pedal must be pressed to prevent the vehicle from moving, and the subsequent locking of the gearshift that occurs because the EPB cannot provide a sufficient parking force.

Automatic Vehicle Hold (AVH)

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

AVH standby

- When the ignition is on, tap the infotainment touchscreen → ⚙ → **Vehicle** → **Driving Control** to enable or disable the AVH.
- AVH activated, Ⓐ is displayed on the instrument cluster.

AVH activated

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

CAUTION

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

AVH running

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

AVH exits

- When the AVH function runs normally, the following actions make AVH exit and shift the vehicle from Drive to Park automatically:
  - Opening the driver's door.
  - Unlock the driver's seat belt.
  - Stopping the vehicle in Drive with EPB activated.
  - Pressing the AVH switch to disable AVH when releasing the brake pedal.

AVH suppressed

- Shift into Reverse and then AVH enters the slow-moving condition. When the vehicle is reversing (in Reverse) or shifts from Reverse into Drive to travel at a low speed, AVH cannot be activated but stays on standby to facilitate low-speed vehicle motion.
- To exit slow-moving mode, press the AVH switch or drive at a speed above 10 km/h. The AVH function is on standby and can be activated normally.

Driving Precautions

- Drive slowly and carefully along gravel roads. To prevent tire damage, do not drive over sharp-edged objects or other road obstacles.
- Slow down on bumpy or uneven roads. Otherwise, the impact may seriously damage wheels.
- Avoid driving through flooded areas as much as possible on wet roads.
- Slow down when driving against strong winds.
- Cleaning the vehicle or driving through deep water may wet brakes. To keep brakes dry, drive carefully and press the brake pedal gently.
- Drive carefully on slippery roads, such as roads covered in ice, snow or sand, or surfaces such as wet ceramic tiles or epoxy resin. Avoid stoping on slopes to prevent vehicle sliding.

WARNING

- Drivers must ensure the safety of all vehicle occupants, and show them how to handle the vehicle's functions properly.

REMINDER

- The high-voltage battery is located in the vehicle's chassis. Make sure to avoid bumping when driving.
- Before driving, make sure that EPB is fully released and that the EPB indicator light is off.
- Do not leave the vehicle with ignition on.
- Do not rest your feet on the brake pedal and accelerator

REMINDER

pedal for a long time during driving. Otherwise, this will cause overheating, wear and waste of electric energy.

- Remember to carry the smart key when leaving the vehicle.
- Slow down when driving down steep slopes, and avoid pressing the brake pedal too frequently to prevent disc overheating, which affects normal brake operations.
- Be careful when accelerating or braking on slippery roads. Quick acceleration or sudden braking will cause the vehicle to skid or deviate.
- Make sure no occupant sticks their head or hands outside the vehicle, specially when it comes to children.
- Large amounts of water entering the engine compartment can cause damage to the power system and electrical components.

Winter Driving Precautions

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

CAUTION

- Use special washer fluid to prevent paint damage.

- Prevent ice and snow from going under the fender liner.
  - Steering is difficult with ice or snow accumulating under the fenders. When driving in cold weather, stop from time to time and check for snow and ice under the fenders.
- It is recommended to carry emergency tools or items for different road conditions.
  - It is advisable to have snow chains, window scraper, bags of sand and salt, flashing signal, a shovel and connecting cables in the vehicle.

Winter Tires

- Winter tires provide better traction on snowy roads. The special rubber tread pattern makes the tires less affected by low temperatures and delivers excellent braking performance to improve driving safety.

Usage tips

- It is recommended to use winter tires in snow or ice conditions or at temperatures below 7°C. When temperatures rise to above 7°C, install summer or all-season tires instead for driving safety and better performance.

- Winter tires must be the same size, load index, and speed rating as those originally provided by vehicle manufacturer.
- Winter tires must have adequate tread depth. Tires with a tread depth less than 4 mm do not perform well in winter conditions.
- Winter or summer tires are designed for specific acceleration conditions. Use them in the corresponding seasons to avoid poor traction or braking performance.
- Do not exceed the speed rating of winter tires, which is relatively low.
- After installing winter tires, inflate them to the design pressures.
- Snow chains are only for emergencies or areas where they are permitted by laws.
- Snow chains should be installed on rear wheels, not on the front wheel. Be careful when driving the vehicle installed with snow chains on snow-covered roads. Use thin snow chains. Some snow chains may damage tires, wheels, and the vehicle body. The recommended snow chains are no larger than 10 mm in thickness or diameter, which provides enough space between tires and other parts in the hubcap.
- Snow Chains Specifications： Fine antiskid chain are to be used: skid chain allowed on 16 x 7J ET:45 with 235/65R16C。
- Read the component assembly drawings and other instructions provided by the snow chain manufacturer carefully.
- Before purchasing and installing snow chains, consult a BYD authorized dealer or service provider where your vehicle was purchased.
- In order to minimize wear of tires and snow chains, do not travel with snow chains on roads without snow.

CAUTION

- Driving speed must not exceed 30 km/h or the speed limit specified by the snow chain manufacturer.
- Drive carefully, and pay attention to bumps, potholes, and sharp turns that can cause the vehicle to bounce.
- For vehicles with snow chains, avoid sharp turns or braking with locked wheels, and slow down the vehicle before entering a curve to avoid accidents.
- Install the chains symmetrically on the left and right sides and remove them immediately after driving out of snowy roads.
- If an abnormal sound is heard from the snow chain, please stop the vehicle immediately to check whether the vehicle components such as suspension, body or brake lines are normal, and ensure that there is no contact between them and the snow chains.
- When installing the snow chain, park the vehicle on a flat surface away from traffic, turn on the hazard warning lights, and place a warning triangle at the rear of the vehicle.
- Install snow chains after turning off the vehicle and engaging the parking brake firmly. Do not Install snow chains when the tire pressure is insufficient
- When using snow chains, be careful not to damage the aluminum rims.

Driving Assistance

Adaptive Cruise Control (ACC)*

- Adaptive Cruise Control (ACC)*, an extension of the traditional cruise control, uses mmWave radars and a multi-purpose camera to detect the relative distance and speed of the vehicle ahead, so as to control vehicle speed accordingly. When there are no vehicles ahead, the vehicle maintains the set target cruise speed. When a vehicle is detected ahead, the system adjusts the vehicle's speed based on the time gap preset by the driver.

Status Description

- ACC standby:
  - The system is on standby by default and can be manually activated. If the vehicle does not meet activation conditions, it must be checked until such conditions are met. At this time, (with a variable cruise speed value) is displayed on the instrument cluster.
- ACC activated:
  - The system is operational. It maintains the set speed or automatically adjusts the distance from the vehicle ahead. At this time, (with a variable cruise speed value) is displayed on the instrument cluster.
- Over speed:
  - When you step the accelerator pedal while ACC is active, the vehicle responds to your acceleration action so that the ACC is temporarily deactivated until you release the pedal.
- ACC failure:
  - There has been a failure in the system. No operation can be performed, and the ACC failure indicator is displayed on the cluster. Contact a BYD authorized dealer or service provider.

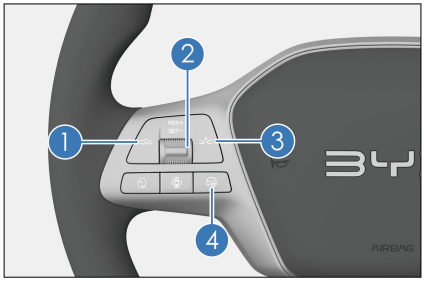
ACC Activation Conditions

- EPB is released.
- The vehicle is in Drive.
- The vehicle does not slide backwards.
- The front hood and all four doors are closed.
- Driver seat belt is fastened.
- The ESC system is on and not activated.
- Vehicle speed is not greater than 90 km/h.
- Brake pedal is pressed at speed 0; or brake pedal is not pressed at speeds above 0.
- There is no vehicle network communication failure prompt on the instrument cluster.
- The AEB function is not activated.

How to Use

ACC activation button

- When (with variable cruise speed) is displayed on the instrument cluster, ACC is available for activation. The driver can activate the system as follows:
- For the first use in the current ignition cycle, when ICC is enabled on the infotainment touchscreen, only ④ can activate the function; when ICC is disabled, press ④ to activate ACC.



- Once activated, ACC sets the current speed as the target cruise speed. If the current speed is below 30 km/h, the target cruise speed is set to 30 km/h. The maximum allowable setting is 90 km/h.
- For subsequent uses within the same ignition cycle, the driver may activate the function by either pressing ④ or moving ② upward. If activated via moving ② upward, the target cruise speed will be the previously set value before the function was last deactivated.

Setting the target cruise speed

- When ACC is activated, you can set the target speed between 30–90 km/h by moving ④ up or down. Move the lever ② briefly upward or downward to increase or decrease the set speed by 5 km/h per press, or hold ② in either direction to adjust the speed continuously by 1 km/h each time.

Setting following distance

- Press ① or ③ to decrease or increase the following distance from the vehicle ahead. At each setting level, the faster the speed, the longer the distance to the vehicle ahead.

Exiting ACC

- When the function is active and the vehicle is moving, deactivate the system by pressing button ④ or depressing the brake pedal. When the vehicle is stationary, the system can only be deactivated by pressing button ④.

Manual acceleration/deceleration with ACC active

- When ACC is activated, you can accelerate manually by pressing the accelerator pedal; the system does not brake during this process.
- If the target cruise speed is set below 80 km/h, pressing the accelerator pedal can increase the set speed. You can press the accelerator pedal to raise the cruise speed setting.
  - If the accelerator pedal is depressed until the real-time speed exceeds the set cruise speed but remains below 80 km/h, the cruise speed will be updated to the real-time speed when the pedal is released.
  - If the accelerator pedal is depressed until the real-time speed exceeds the set cruise speed and reaches or exceeds 80 km/h, when the accelerator pedal is released, the target cruise speed will be set to 80 km/h when the pedal is released.
  - If the cruise speed is set to be greater than or equal to 80 km/h, you can increase the real-time speed by depressing the accelerator pedal. The cruise speed remains unchanged when the pedal is released.
- If the lever ② is pulled down while accelerating, the current speed will be reset as the target cruise speed. Move the lever ② upward to increase the target cruise speed. Press the button for a short time to accelerate the speed by 5 km/h at a time, and press the button for a long time to accelerate the speed by 1 km/h increments. If the speed exceeds 90 km/h or acceleration lasts longer than 5 minutes, ACC exits.

Follow-to-stop/start

- Controlled by ACC, the vehicle can stop when the vehicle ahead stops in normal conditions and resume driving automatically following the vehicle ahead if the stop is brief.
- If the vehicle ahead stops for a long time, depress the accelerator pedal or move ② upward to start the vehicle.
- If the stop duration is too long, ACC exits.

System Limitations

- The mmWave radars and the multi-purpose camera are installed in the front of the vehicle. Blockage of its detection area by contaminants can disturb the intended function. In particular, if the sensor is covered completely, ACC exits and informs of this on the instrument cluster. System function will recover after blockage is removed and the vehicle is restarted or runs on normal roads for a while.
- The mmWave radars may have a transient function failure from limited detection if the vehicle runs under special conditions, such as circular ramps or tunnels, for an extended period. The function can be recovered when the vehicle is back on normal roads.
- Reaching or leaving a curve may delay or disturb target selection. In such cases, the ACC vehicle may not brake as expected or may brake late.
- On roads with sharp curves, such as winding roads, the vehicle ahead may be out of sensor detection for several seconds due to sensor vision limitations, possibly causing the vehicle to accelerate automatically.
- Traffic flow and weather conditions such as rain and fog must be heeded for setting vehicle distance on the ACC system. Even when ACC is properly set, the driver must be able to stop the vehicle at any time.
- The ACC system may not be able to identify stationary or slow-moving objects, such as vehicles, the end of traffic, toll booths, bicycles, or pedestrians. This means a risk of collision and requires the driver to beware of the surroundings.
- The ACC system can only achieve limited braking instead of emergency braking.
- Metal objects, such as rail or metal plates used in road construction, may interfere with the mmWave radars, making it malfunction.
- Performance of mmWave radar sensors and the multi-purpose camera may be affected by vibration or collision. Contact a BYD authorized dealer or service provider.
- ACC cannot be activated in special driving modes* like towing, snow, mud, sand, or terrain.

Precautions

- ACC is not a safety system, obstacle detector or collision warning system, but a system that improves driving comfort. The driver must keep control of vehicle at all times and is responsible for the driving safety.
- ACC assists instead of replacing the role of the driver. The driver is responsible for abiding by traffic rules and keeping vehicle control.
- In the following situations, ACC may not function. The driver must always stay focused and take control of the vehicle when necessary:
  - The vehicle is approaching a moving vehicle right ahead at a speed ⩾ 90 km/h.

  - The vehicle is approaching a stationary vehicle ahead at a speed ⩾ 90 km/h.
  - The vehicle is approaching a pedestrian crossing the driveway at a speed ⩾ 50 km/h.
- For safety reasons, ACC cannot be activated with electronic stability control (ESC) disabled.
- The ACC is suitable for highways and roads in good conditions, rather than complex urban or meandering roads.
- It is the driver's responsibility to keep distance from the vehicle ahead. The vehicle distance set by the driver using ACC must comply with the minimum distance required by the local traffic regulations.
- Vehicle control is transferred to the driver if the accelerator or brake pedal is pressed with ACC active. As a result, the ACC system cannot keep a safe distance from the vehicle ahead.
- ACC may have no or slow responses to a vehicle ahead that brakes or stops suddenly, resulting in a risk of late braking. In such cases, there will be no take-over request.
- In some cases, such as when the vehicle ahead is going too slow, when lane change is too fast, when the vehicle ahead is quickly jammed at a close distance, or when the safe distance from the vehicle ahead is too short, there is no adequate time for the system to decrease the relative speed, so response has to come from the driver. The system may not give audible or visual warnings in every case.
- If ACC is activated with the vehicle stationary, the system identifies any stationary obstacle ahead and keeps the vehicle still to ensure a safe startup and prevent collision. However, this function cannot identify all the obstacles, so the driver must be alert to the front obstacles or other traffic participants.
- A short distance from an adjacent lane (or a vehicle on an adjacent lane that is too close to the ACC vehicle's lane) may trigger ACC to brake.
- Vehicles coming into the ACC vehicle's lane and within the detection range of its multi-purpose camera are identified as target vehicles and prompt a response accordingly, which may lead to hard or late braking.
- Detection may be affected or delayed in some environments. If the radar cross section of the target (a bicycle, four-wheeler, or pedestrian, for example) is too small, the system may not be able to establish its distance, resulting in either late or no response to those vehicles. In such cases, vehicle speed must be controlled by the driver. In addition, detection may also be affected or delayed by noise or electromagnetic interference.
- ACC cannot target vehicles with too small contact ratio, so the driver must keep control of the vehicle.
- When the vehicle stops as it follows a vehicle ahead, in rare cases, the system does not recognize the end of the vehicle ahead but the lower end of the target (for example, the rear axle of a truck with a high chassis or a vehicle bumper). In such cases, the system cannot ensure proper stop distance, so the driver must stay alert and be ready to brake.
- Modifying the vehicle structure, such as lowering the chassis or changing the front license mounting plate, may affect the ACC system.
- Do not use the ACC system when visibility is poor, or when driving on

slopes, winding roads, or wet roads (covered in ice/snow or flooded).

- When ACC is activated and the vehicle is stationary behind another vehicle, if the steering wheel is turned at a large angle, ACC will judge that the driver wants to change lanes and start, and ACC will exit.
- When AVH is activated (the vehicle is stationary), the activation of ACC will cause the AVH to exit. Press the ICC (ACC)/RESET+ button again, and the vehicle will idle (ACC exits) or cruise (ACC does not exit).
- ACC cannot be activated in special driving modes* such as towing, snow and so on.
- Make sure to go to a BYD authorized dealer or service provider for professional calibration and checking of front mmWave radars or the front camera in any of the following situations:
  - The multi-purpose camera and the front windshield have been dismantled.
  - Wheel alignment has been carried out.
  - The vehicle has experienced a collision.
  - ACC system performance has degraded or the instrument cluster has prompted an system error.

WARNING

- ACC serves as a driver assistance function only, so the driver is responsible for driving safety.
- Weather, road conditions, and other factors may affect normal use of ACC.

WARNING

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

Intelligent Cruise Control (ICC)

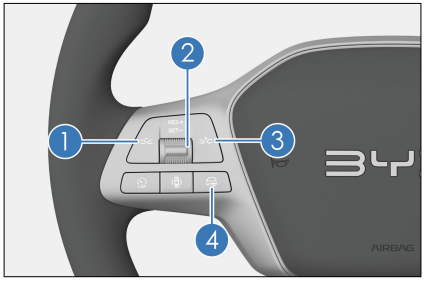
- Intelligent Cruise Control (ICC) integrates adaptive cruise control (ACC) and lane control system. It helps control the steering wheel within the speed range of 0-90 km/h and continuously center the vehicle in the current lane.
- When the function is enabled, the driver must always hold the steering wheel and control the vehicle when necessary.

ICC Activation Conditions

- EPB has been released.
- The vehicle is in Drive.
- The vehicle does not slide backwards.
- The front hood and all four doors are closed.
- Driver seat belt is fastened.
- The ESC system is on and not activated.
- Vehicle speed is not greater than 90 km/h.
- Brake pedal is pressed at speed 0; or brake pedal is not pressed at speeds above 0.
- There is no vehicle network communication failure prompt on the instrument cluster.
- The AEB function is not activated.
- Two-way lane lines are clear and the vehicle is at the center of the lane.

How to Use

- Enable or disable ICC in the infotainment touchscreen → ⚙ → **ADAS** → **Driving Assist** . The system defaults to previous settings when the vehicle is just started.
- The driver can press button ④ Settings to activate or exit the ICC when it is enabled. By default, when the feature is activated, the current speed is set as the cruise speed. If the current speed is below 30 km/h, the cruise speed is set to 30 km/h. When the speed is between 30-90 km/h, set the speed by the Res+ or Set- button on the steering wheel②: Pressing the button each time increases/decreases the speed by 5 km/h, while pressing and holding increases/decreases the speed continuously by 1 km/h.



Status Description

- When the ICC function is enabled, the standby state indicator lights up on the instrument cluster.
- When the ICC function is activated, the activated state indicator lights up on the instrument cluster.
- When ICC is operational, the vehicle drives by the set speed or by automatically adjusting the distance from the vehicle ahead.

Precautions

- ICC integrates ACC and LCC. Therefore, ACC function precautions must be followed when using ICC (see the previous chapter for details).
- When ICC is turned on and activated at vehicle speeds between 0 km/h and 90 km/h:
  - If there is no lane line ahead or the lane line cannot be identified, the ICC function cannot be used and only the adaptive cruise can be used. Feature unavailable prompt will be given on the instrument cluster in response to attempts to activate ICC.
  - If the lane line of the road ahead is clearly identifiable, the adaptive cruise will automatically upgrade to the lane navigation function and keep driving in the middle of the lane.
- ICC is a driving assistance system, the driver must always maintain control of the vehicle, hands can not leave the steering wheel, otherwise the system will continue to send reminders.
- When the driver actively turns on the turn signal, the ICC function is downgraded to ACC.
- ICC can be affected by weather conditions, lighting and clarity of lane lines. Performance degrades significantly in situations such as backlighting, sunset, snow covered roads, and severely damaged roads. Under this situation, use ICC with caution.
- In the case of heavy load, the function may fail, so the driver should keep control of vehicle at all times.
- Do not use the ICC system on winding roads with sharp turns, icy and slippery bends, or under weather conditions, such as dense fog, heavy rain and heavy snow, liable to hinder

the sensing operation of the multi-purpose camera.

- ICC cannot be activated in special driving modes like tow/snow/mud/sand/terrain (if equipped with these modes).
- Situations where ICC cannot be used include:
  - The sensor is blocked.
  - The vehicle is running under severe weather conditions.
  - Active safety function has been triggered.
  - Vehicle speed exceeds the specified range.
  - The road is too curvy.

WARNING

- ICC is only intended as a driver assistance function. Cautions include only the common conditions that affect Lane Departure Assist. Many factors may affect the performance of the function. Drivers should always observe the surrounding situation to ensure safe driving, and take necessary control measures propmtly if the function is deactivated. The driver must be fully responsible for driving safety.
- Weather, road conditions, and other factors may affect the normal operation of ICC.
- When the vehicle passes through a too curvy road, it may exceed the system's ability to pass through the curve and automatically exit the ICC function. The driver should always be aware to the road environment and function status, and promptly take over vehicle control when necessary to avoid potential collisions.
- When the vehicle is running at high speed, the driver should always pay attention to the road environment and functional status, and take over the control of the vehicle in time when necessary, otherwise collision is very likely to occur.
- Use ICC based on your needs, traffic, and road conditions.

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

- Forward Collision Warning (FCW) and Automatic Emergency Braking (AEB) detect vehicles and pedestrians ahead by using the multi-purpose camera. When detecting a risk of collision, the system alerts the driver audibly and visually to take measures and avoid the collision risk. If detecting increased risk of collision, the system automatically applies braking pressure to assist in collision avoidance or impact reduction.
- The operating speed range of the forward collision warning system is 30-90km/h, and the operating speed range of the automatic emergency braking system is 4-90km/h.

How to Use

- To enable or disable FCW and AEB, go to the infotainment touchscreen → ⚙ → **ADAS** → **Safety Assist**.

- If the Forward Collision Warning (FCW) or Automatic Emergency Braking (AEB) was disabled during the previous power-on cycle, the FCW and AEB functions will be automatically enabled after restarting the vehicle, and the FCW sensitivity will default to "Medium"; if the FCW or AEB was enabled during the previous power-on cycle, the settings will remain in the previously configured state.

Forward collision warning (FCW)

- Safe distance warning
  - If the vehicle is too close to the vehicle ahead at speeds above 65 km/h for too long, the system gives a safety distance warning, and lights up on the instrument cluster.
- Pre-warning
  - If the vehicle travels at speeds above 30 km/h and the system recognizes a risk of collision with a vehicle ahead, the system will give a warning visually and audibly, and the indicator on the cluster will light up and the buzzer will alarm. The driver needs to promptly take appropriate actions to ensure safe following distance.
- Emergency warning
  - If the vehicle travels at speeds above 30 km/h and the driver fails to respond to the pre-warning, the system will give a warning visually and audibly. flashes and there is a short braking warning. The driver needs to promptly take appropriate actions to ensure safe following distance.

Automatic emergency braking (AEB)

- If the driver fails to respond to the emergency alarm in the forward collision warning and the system judges that the dangerous situation has escalated further, it will trigger automatic emergency braking to assist the driver in avoiding or mitigating the collision.

System Limitations

- FCW and AEB may be affected or inoperative under the following conditions, including but not limited to:
  - On rainy, snowy or foggy days, or exposure to direct sunlight or glaring lights, or significantly varying lighting conditions.
  - Dirty, hazy, damaged or blocked sensor.
- In complex traffic situations, FCW and AEB may not be able to respond correctly to the following situations, including but not limited to:
  - Pedestrians or vehicles move too quickly into the sensor's detection range.
  - Pedestrians are obscured by other objects.
  - Pedestrian outlines are indistinguishable from the surroundings.
  - Pedestrians are not detected, due to, for example, coverage by special clothing or other materials.
  - The vehicle is on a sharp curve.

Precautions

- The Forward Collision Warning (FCW) and Automatic Emergency Braking (AEB) systems cannot guarantee to avoid collisions in all situations.

In complex traffic conditions, the system may not always clearly identify vehicles and pedestrians, and may trigger unnecessary warnings and braking for objects such as manhole covers, metal plates, or road signs.

- In the following situations, AEB may not function. The driver must always stay focused and take control of the vehicle when necessary:
  - The vehicle is approaching a stationary vehicle ahead at a speed greater than 90 km/h but less than or equal to 10 km/h. .
  - The vehicle is approaching a stationary vehicle ahead at a speed greater than 90 km/h but less than or equal to 10 km/h. .
  - The vehicle is approaching the pedestrian crossing the driveway at a speed less than 10 km/h or greater than 60 km/h.
- Make sure to drive safely and observe surrounding traffic conditions. AEB is not a substitute for normal braking operation in any event.
- Do not overly rely on the AEB system as this may result in accidents. The system is only an auxiliary tool. The driver must always keep a safe distance from vehicles ahead, control the speed, be ready to brake or steer away when necessary, and keep control of the vehicle at all times and is responsible for safe driving.
- Automatic emergency braking can only be activated when the driving speed is greater than 4km/h, but it can reduce the vehicle speed by up to 60 km/h. The system cannot guarantee that it can be triggered accurately under any working condition. Please drive carefully. Please note that the system does not guarantee that it can be triggered accurately under every working condition. Please drive carefully.
- The AEB system cannot work normally when the ESC function is disabled or the fault light is on.
- If FCW gives an alarm, the driver must brake based on traffic conditions to decrease vehicle speed or steer away from obstacles.
- If the vehicle travels too close to the vehicle ahead for too long, a safety distance warning will be given. If the vehicle ahead brakes suddenly, collision may be unavoidable.
- The system will not trigger AEB when the driver is aware of an emergency warning but turns the steering wheel, accelerates or brakes.
- The multi-purpose camera may have a transient function failure from limited detection if the vehicle runs under special conditions such as circular ramps or tunnels for too long. The function may be recovered by restarting the vehicle or driving on normal roads for a while.
- Sometimes the surfaces of the multi-purpose camera are dirty or obscured by foreign objects. In this case, a message is displayed on the instrument cluster. Remove foreign matter from the sensor as required (dirt or foreign objects on the surface may blind the sensors). When the sensor is dirty or covered with foreign objects, the forward collision warning and automatic emergency braking functions are turned off, and after clearing, the forward collision warning and automatic emergency braking functions are normal.
- The pedestrian protection function is limited by certain physical conditions and it may not be able to take effect within the speed range as required. Therefore, the responsibility to use

brakes timely and effectively always lies in the driver. Pedestrian protection warnings and preventive braking depend on the actual situation.

- Note that The system cannot completely protect pedestrians or avoid accidents and severe injuries on its own.
- Under certain complex conditions, such as on winding roads, the pedestrian protection function may trigger unnecessary warning or braking.
- System failure may trigger wrong warnings or braking. This may be caused, for example, by the misalignment of the multi-purpose camera.
- When AEB is triggered, a large amount of hydraulic pressure will be required to push the caliper in a short time and there will be a sizzling noise.
- AEB intervenes only when all doors, engine compartment and the trunk are closed and the seat belts are fastened. The following conditions may cause the automatic emergency braking fail to work, including but not limited to:
  - Any door is not closed or it is opened when the vehicle is moving.
  - The seat belt is not fastened or it is unfastened when the vehicle is moving.
  - The driver accelerates or decelerates rapidly or turns the steering wheel quickly.
- System performance may be reduced in the following cases:
  - Strong front bumper impact from accidents or other causes.
  - Excessive wear of brake pads or abnormal brake system.
  - Improperly inflated or worn out tires.
  - Unqualified tires installed.
  - Snow chains installed.
  - Use of a small spare tire or tire repair kit.
  - When the vehicle is heavily loaded.
- Make sure to go to a BYD authorized dealer or service provider for professional calibration in any of the following situations:
  - The multi-purpose camera has been dismantled.
  - Toe-in or rear camber has been adjusted during wheel alignment.
  - The vehicle experienced a collision.
  - AEB system performance has degraded or become abnormal.
- Do not attempt to test the AEB system on your own using objects such as carton, iron plate, dummy, etc. The system may not work properly and thus result in accidents.
- AEB cannot be activated in special driving modes* such as tow, snow, mud, sand, and terrain modes.

WARNING

- FCW and AEB serve as driver assistance functions only, so the driver is responsible for driving safety.
- Influence of weather, road conditions, and other factors may cause FCW and AEB to fail.
- Cautions include only the common conditions that affect FCW or AEB. Many factors may affect the performance of the function. Be sure to mind traffic around and make necessary response to danger in a timely manner to control the vehicle.

WARNING

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

Traffic Sign Recognition (TSR)

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

How to Use

- Enable or disable TSR in → **ADAS** → **Safety Assist** → **Traffic Sign Recognition**.
- When the system identifies a speed limit sign, the speed limit icon identified displays (such as 60) on the instrument cluster. When the instrument cluster shows the speed is above the identified speed limit, the icon on the instrument cluster flashes to alert the driver. When the system identifies the end of speed limit icon or after the vehicle travels for a while, the speed limit icon disappears.

Precautions

- The speed limit icon disappears from the instrument cluster within a certain distance after system recognition. The driver must control speed within range.
- The TSR system can identify speed limit signs only, and will not control speed. The control over the vehicle always vests in the driver. Please drive properly.
- Weight limit signs not in standard size as per national regulations may mistakenly be identified as speed limit signs.
- If a speed limit sign is unclear, distorted, inclined, reflective, or partly blocked or overlaid, the multi-purpose camera may fail to or incorrectly identify the sign.
- TSR performance depends on weather conditions, lighting, and sign visibility. The system may fail to or incorrectly identify the sign at night or sunset, in rainy, foggy, hazy, snowy or dusty environment, when light is coming from the back of the vehicle, or when there is a sudden change in lighting.
- In case the vehicle has been involved in a collision or the multi-purpose camera's sensor has been reassembled, go to a BYD authorized dealer or service provider for sensor calibration so as to avoid affecting system performance.
- If the model is available on the European market, recognition of traffic jams, construction zones, and accidents ahead must rely on Internet connection and is on the premise that recognition of these signs are supported.

WARNING

- TSR serves as a driver assistance function only, so the driver must be fully responsible for driving safety.
- Influence of weather, road conditions, and other factors may cause TSR to fail or lead to late alarms.
- Cautions include only the common conditions that affect Lane Departure Assist. Many

WARNING

factors may affect the performance of the function. Always remain aware of the surroundings and adhere to all roadside signage and applicable regulations.

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

Intelligent Speed Limit Control (ISLC)

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

How to Use

- Enable or disable intelligent speed limit control and warning in the infotainment touchscreen → ⚙ → **ADAS** → **Safety Assist** → **Traffic Sign Recognition**.
- When TSR is disabled, ISLC also ceases to function.
- With TSR on, ISLC can be enabled or disabled depending on your needs.
- ISLC can be activated provided that ACC is active.

Precautions

- ISLC integrates ACC and TSR. Therefore, ACC and TSR function precautions must be followed during use (see the previous chapters for details).
- ISLC is a driving assistance system, so the driver should keep control of vehicle at all times.
- ISLC performance depends on weather conditions, lighting, and traffic sign visibility. The system may fail to or incorrectly identify the sign at night or sunset, in rainy, foggy, hazy, snowy or dusty environment, when light is coming from the back of the vehicle, or when there is a sudden change in lighting.

WARNING

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

Intelligent High Beam Control (IHBC)

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

How to Use

- To enable or disable HMA, go to the infotainment touchscreen → ⚙ →

Light → **Exterior Light**. The system defaults to previous settings when the vehicle is just started.

- With the function enabled, when you set the light switch to the auto lights position, the light meets conditions and vehicle speed exceeds 35 km/h, the system automatically switches between low and high beams based on the current driving environment.
- When the IHBC function is enabled, the standby state indicator lights up on the instrument cluster.
- When the IHBC function is activated, the activated state indicator lights up on the instrument cluster.
- When the IHBC malfunctions, the fault indicator lights up on the instrument cluster.

Precautions

- The IHBC system is an auxiliary light control function. While it is recommended to use the system at high vehicle speeds, the system cannot completely replace the driver's judgment. The driver must observe road regulations and actively switch between high and low beams according to road condition changes at all times.
- When the vehicle is in a high dynamic state (such as when ABS or ESC is activated), or when the driver turns on the fog lights, daytime Running Lights, windscreen wipers in high-speed mode, reverse gear, headlight settings are not in Auto mode, ambient light is too strong, or the driver selects to turn on the high beams using the lever, the Intelligent High Beam system will be inhibited.
- Due to a variety of environmental factors and conditions, the intelligent high beam may be triggered or disabled by mistake. Typical scenarios include, but are not limited to:
  - The driver's stick operation to switch to the high beam is prioritized.
  - The weather, such as fog, rain or snow, is extremely terrible for driving.
  - There are traffic participants with poor lighting (such as pedestrians and bicycles), railways or waterways nearby, or wild animals on the roads.
  - There are strongly reflective objects around, such as traffic signs on highways and water reflection on the road surface.
  - The front windshield is dirty, covered in mist, or blocked by stickers or decorations.
- In case there is a collision or the sensor has been reassembled, it is recommended to go to a BYD authorized dealer or service provider for sensor calibration so as to avoid affecting system performance.

WARNING

- IHBC serves as a driver assistance function only. It may malfunction or trigger incorrectly due to factors such as weather conditions or road environments. So the driver must be fully responsible for driving safety.
- Influence of weather, road conditions, and other factors may cause IHBC to fail.
- Use IHBC based on your needs, traffic, and road conditions.

Lane departure assist (LDA)

- Lane Departure Assist (LDA) includes Lane Departure Warning (LDW) and Lane Departure Prevention (LDP) functions (LDP). LDW and LDP work within the speed of 60–90km/h.

Lane Departure Warning (LDW)

Lane departure warning (LDW) detects the lane lines ahead through a multi-purpose camera under the front windshield. When the vehicle speed is 60 - 90 km/h and the driver unintentionally drifts out of the lane, the LDW system warns the driver by steering wheel vibration, a sound, and an instrument cluster prompt.

Lane Departure Prevention (LDP)

- The lane departure prevention (LDP) system identifies lane lines ahead through a multi-purpose camera. If the driver unknowingly departs from the lane at a vehicle speed between 60 km/h and 90 km/h such that the vehicle is about to roll over lane lines, the system, when activated, slightly turns the steering wheel through the electronic power steering (EPS) system to prevent lane departure.

How to Use

- To enable or disable LDA, go to infotainment touchscreen → ⚙ → **ADAS** → **Safety Assist** → **Lane Departure Assist**. This function is disabled by factory default. The system defaults to previous settings when the vehicle is just started.
- To adjust the alerting mode of LDW and LDP, go to infotainment touchscreen ⚙ → **ADAS** → **Safety Assist**: Off, departure warning, departure prevention, and departure warning plus prevention
- When LDW is activated, the system detects unintentional lane departure without driver input. An alert is issued to prompt the driver to correct the steering in time, and the lane marking on the side of departure will be displayed in red on the instrument cluster.
- After LDP is activated, if the driver's hands are off the steering wheel, a prompt message is displayed on the instrument cluster to remind the driver to hold the steering wheel. The hands-off alarm varies depending on the frequency of hands-off events within a short period. The message "Please turn the steering wheel gently" displays on the instrument cluster for the first hands-off; "Please hold the steering wheel" for the second; "Please take over immediately" for the third and subsequent occurrences.
- When LDW or LDP is disabled,  is displayed on the instrument cluster. When both LDW and LDP are enabled, the icon is not displayed.
- When LDW or LDP fails,  is displayed on the instrument cluster with a reminder sound and a prompt message.

System Limitations

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

- Poor visibility on snowy, rainy, or foggy days
- Dirty or fogged front windshield, or blocked multi-purpose camera

- Glaring from direct sunlight, reflection in puddles, or oncoming vehicles
- Sudden changes in light, such as when the vehicle is entering or exiting a tunnel
- Lane lines obscured by tree shadows on roads in direct sunlight on sunny days
- Unidentifiable road boundary with grass, soil, or curb
- The function may be suppressed in narrow lanes to prevent the interference of its frequent activation.

Precautions

- LDW will be suppressed if a turn signal is used and the vehicle changes lane as indicated by the turn signal.
- LDW may be suppressed if the vehicle travels over lane lines, or lane lines are unclear, too thin, worn, blurred or covered by dirt/snow.
- LDW may be suppressed if the lane is too wide or too narrow, the number of lanes increases or decreases, lane markings change suddenly on ramps or exits, or in situations of complex line arrangements.
- LDW may be suppressed on slopes or winding roads when the vehicle travels too close to the vehicle ahead or when the vehicle ahead obscures lane lines.
- LDW may be suppressed when the vehicle jolts, accelerates or decelerates too quickly, or takes a sharp turn.
- The system operation may be affected if the windshield within the visual field of the multi-purpose camera is cracked, if the front windshield glass is dyed or coated in a manner that is not compliant with standards, if any reflective object is placed on the dashboard, or if any other object interferes with camera sight.
- For safety reasons, do not test LDW function on your own. The function will be interrupted if the multi-purpose camera is blocked by any object or exposed to strong lights. The function will be temporarily exit if the view is temporarily covered and disturbed by strong light and will recover once conditions return to normal. If it does not, it is recommended to contact a BYD authorized dealer or service provider.
- Disabling LDW is recommended under any of the following circumstances:
  - Driving in a sporty style
  - Severe weather conditions
  - On uneven roads
- Situations where lane lines may not be identified include, but are not limited to:
  - Unclear lane lines
  - Incomplete lane lines
- Situations that may cause recognition difficulty or late function activation of the multi-purpose camera include, but are not limited to:
  - The multi-purpose camera comes off, is loosely installed, or is blocked.
  - The vehicle is running under extreme weather, such as rain, snow, or smog.
  - The multi-purpose camera is partially or completely blocked.
  - LDW and LDP cannot be activated in special driving modes* such as tow, snow, mud, sand, or terrain.

WARNING

- LDA serves as driver assistance only, so the driver must be fully responsible for driving safety.

WARNING

- Influence of weather, road conditions, and other factors may cause LDA to fail.
- Cautions include only the common conditions that affect LDA. Many factors may affect the performance of the function. The driver must stay aware of the surroundings and take necessary control measures promptly if the function is suppressed or deactivated.
- Use LDA based on your needs, traffic, and road conditions.

Emergency Lane Keeping Assist (ELKA)

- Emergent Lane Keeping Assist (ELKA)* identifies lane lines ahead through a multi-purpose camera on the front windshield and identifies vehicles approaching from behind on the adjacent lanes through rear corner mmWave radars. When the system detects that the driver unconsciously departs from lane lines or starts to change lanes and confirms a risk of lane departure or collision with target vehicles, it activates the Electrical Power Steering (EPS) to provide reverse torque, keeping the vehicle in the current lane. This helps avoid unintentional crossing of road edges and collisions with oncoming vehicles or the overtaking vehicles on the adjacent lanes.
- ELKA works at speeds between 60km/h-90km/h.
- When active, ELKA gives an alarm if the driver's hands are off the steering wheel.

How to Use

- Enable or disable this feature in the infotainment touchscreen → ⚙ → **ADAS** → **Safety Assist** → **Emergency Lane Keeping Assist**.
- In the event of ELKA malfunction, flashes on the instrument cluster. In that case, contact a BYD authorized dealer or service provider.

System Limitations

Lane line detection by the multi-purpose camera is easily interfered by the environment factors. The following situations may lead to failure or performance degradation of the system:

- Poor visibility on snowy, rainy, or foggy days
- Dirty or fogged front windshield, or blocked multi-purpose camera
- Glaring from direct sunlight, reflection in puddles, or oncoming vehicles
- Sudden changes in light, such as when the vehicle is entering or exiting a tunnel
- Lane lines obscured by tree shadows on roads in direct sunlight on sunny days
- Unidentifiable road boundary with grass, soil, or curb

Precautions

- Situations where lane lines may not be identified include, but are not limited to:
  - Pedestrians, animals, and specialty or specially-shaped vehicles
  - Unclear or incomplete lane lines
- Situations that may result in detection failure of the multi-purpose camera or

late alarms include, but are not limited to:

- The multi-purpose camera comes off, is loosely installed, or is blocked.
- The vehicle is running under extreme weather, such as rain, snow, or smog.
- The multi-purpose camera is partially or completely blocked.

- Situations that may result in detection failure of mmWave radars or late alarms include, but are not limited to:
  - MmWave radar(s) come off, are loosely installed, or are blocked.
  - The vehicle is running under extreme weather, such as rain, snow, or smog.
  - The vehicle encounters certain metal guardrails or similar road conditions.
  - ELKA cannot be activated in special driving modes* such as tow, snow, mud, sand, and terrain modes.

WARNING

- ELKA serves as driver assistance only, so the driver must be fully responsible for driving safety.
- Influence of weather, road conditions, and other factors may cause ELKA to fail.
- Only some of the common influencers on ELKA performance are mentioned here. Be sure to mind traffic around and make necessary response to danger in a timely manner to control the vehicle.

Blind Spot Assist (BSA)*

- Blind Spot Assist (BSA)* includes Blind Spot Detection (BSD)*, Rear Collision Traffic Alert (RCTA)*, Rear Cross Traffic Braking (RCTB)* and Door Open Warning (DOW)*. The system detects the environment behind the vehicle using corner-mounted mmWave radars to alert the driver to drive safely.

How to Use

- You can enable or disable BSD, RCTA, RCTB or DOW on the infotainment touchscreen → → **ADAS** → **Safety Assist**. The system defaults to previous settings when the vehicle is just started.
- When the vehicle is started, the system defaults to previous settings.
- When the blind spot assist system is disabled, no relevant indicators are displayed on the cluster.
- When the blind spot assist system is standing by, if vehicle conditions, such as speed or gear status, do not meet the requirements of any function, is displayed on the instrument cluster and blind spot assist will not be activated.
- When the blind spot assist system is active, The instrument displays the left/right rear shallow wave radar, indicating that the function is activated;
- If the blind spot assist system malfunctions, also prompts that the function is temporarily unavailable. In case of failure, please contact the authorized service shop of BYD authorized dealer in time.

Blind Spot Detection (BSD)*

- At vehicle speed above 15 km/h, if a vehicle in blind spots on an adjacent lane is detected or a vehicle approaching quickly on the adjacent lane, the indicator on the corresponding side mirror lights up. If the turn signal lamp on the same side is turned on at this time, when there

is a lane change or a potential lane change, the exterior rearview mirror warning lamp will flash to warn the driver that it may be dangerous to continue to change lanes. Please pay attention to safe driving.



Rear cross traffic alert*

- When the vehicle is reversing, the RCTA system detects the vehicles traveling in the blind spot at the back. If it is detected that there is a risk of collision between the vehicle and the rear lateral crossing vehicle, the driver will be reminded by instrument prompt and alarm sound to reduce the possibility of collision. The operating speed range of the rear lateral collision warning system is 0-15 km/h.

Rear cross traffic braking (RCTB)*

- RCTB is used if the vehicle meets another vehicle crossing the road when leaving a vertical/slanted parking space. It gives a warning and helps the driver brake to prevent collision, especially when the visual field of the driver is blocked by the vehicle parking beside. The operating speed range of the rear lateral impact braking system is 0-10 km/h.

Door open warning (DOW)*

- If the vehicle is stationary and the door is unlocked, and the moving target approaches the vehicle from the rear of the adjacent lane, the door opening safety reminder function will remind the driver to pay attention to the vehicle coming from the rear through the constant light of the outside rearview mirror alarm lamp, and at the same time, there is a pop-up window reminder on the instrument cluster. If the driver attempts to open the door at this time, indicators on side mirrors begin to flash and a chime sounds.

System Limitations

- In some cases, the system will be difficult to assist the driver, blind spot assist and rear assist may be affected or delayed, including but not limited to:
  - The vehicle coming from behind changes the lane suddenly.
  - Vehicles coming from behind are detected too late at sharp turns, slopes, or other settings.
  - The target vehicle is obscured.
  - Vehicles coming from behind are at a relative speed above 80 km/h.
  - The vehicle is on a curve which is too sharp, or is entering or exiting a curve.
  - Bad weather, such as rain and snow.
  - Rear corner mmWave radar(s) come off, are loosely installed, or are blocked.
  - The vehicle encounters certain metal guardrails or similar road conditions.
  - Targets that may not be responded include, but are not limited to, pedestrians and animals.
  - The environment contains electromagnetic interference or other influences.

Precautions

- While the BSD system provides assistance in monitoring blind spots of rearview mirrors, it cannot replace the driver's observation and judgment. The driver must keep control of vehicle at all times and drive properly and is fully responsible for the vehicle.
- The BSA system may be unable to provide adequate warning on target vehicles approaching from behind at a high speed.
- The driver must ensure the normal operation of the BSD system, keeping its rear corner mmWave radars in good condition. For example, dirt, snow, or other obstructions need to be cleared right away.
- The BSD system gives a warning if unrelated targets at the rear side or in the rear (such as work zone barriers, large roadside billboards, reflectors in tunnels, or other objects with a large radar cross section) are mistakenly selected as target vehicles.
- Detection may be affected or delayed in some environments. If the radar cross section of the target vehicle is too small (a bicycle, electric moped or pedestrian, for example), the system may fail to identify targets, leading to false alarms. In addition, detection may also be affected or delayed by noise or electromagnetic interference.
- Blind Zone Safety Assist and Rear Assist will not operate in the travel with trailer mode.
- Blind spot monitoring will not work when reversing.
- Influence of vibration or collision on BSA and rear assist radar sensor calibration can degrade system performance. Contact a BYD authorized dealer or service provider once you notice such issues.

WARNING

- BSA serves as driver assistance only, so the driver must be fully responsible for driving safety.
- Influence of weather, road conditions, and other factors may cause BSA to fail.
- Cautions include only the common conditions that affect BSA. Many factors may affect the performance of the function. Be sure to mind traffic around and drive responsibly.
- Use BSA based on your needs, traffic, and road conditions.

Blind Spot Information System (BSIS)

- The blind spot information system (BSIS) is designed to help drivers timely identify low-speed movement of pedestrians, bicycles, or motorcycles in the passenger-side blind zones and issue a warning signal to the driver.
- When the vehicle is in a stationary start or low-speed movement state, the system detects low-speed movement of pedestrians, bicycles, or motorcycles in the passenger-side blind zone, issues an information warning, and the corresponding indicator light on the instrument panel flashes.
- When the vehicle is in a low-speed movement state, if the system detects low-speed movement of pedestrians, bicycles, or motorcycles in the passenger-side blind zone and there is a collision risk with the vehicle, the system issues a collision warning, the

corresponding indicator light on the instrument panel flashes, and is accompanied by an audible alert.

How to Use

- BSIS warning is enabled by default.
- To enable or disable BSIS, go to the infotainment touchscreen → ADAS → Safety Assist to enable or disable BSIS collision warning function, the system is enabled by default.
- When the system fails or disabled, the indicator on the instrument cluster lights up. Contact a BYD authorized dealer or service provider.

System Limitations

- The Blind Spot Information System (BSIS) can assist drivers in monitoring and warning about low-speed pedestrians, bicycles, or motorcycles in the side blind zones under specific conditions, but it cannot replace the driver's subjective observation and judgment. The driver must keep control of vehicle at all times and drive properly and is fully responsible for the vehicle.
- The BSD system may be unable to provide adequate warning on target vehicles approaching from behind at a high speed.
- Ensure the corner radars (or cameras) are clean and undamaged to avoid the system failing to meet expectations.

Precautions

- Under some circumstances, it will be difficult for the system to assist the driver, and detection may be affected or delayed. Possible circumstances include, but are not limited to:
  - The target object exits the blind spot area at the last moment.
  - Vehicles coming from behind are detected too late at sharp turns, slopes or other settings.
  - The blind spot object is obstructed.
  - The speed of the side target object exceeds 30 km/h.
  - The vehicle is on a curve which is too sharp, or is entering or exiting a curve.
  - Bad weather, such as rain and snow.
  - Targets that may not be responded include, but are not limited to, Vehicle or animals.
  - The camera is interfered by strong light.

WARNING

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

Motor Vehicle Operations Information System (MOIS)

- The Driving Area Information System (MOIS) uses sensors at the front of the vehicle (such as cameras, millimeter-wave radar, and ultrasonic radar) to monitor pedestrians and two-wheeled vehicles in real-time within the blind spots ahead of the vehicle and promptly issue warning information to the driver.

- When the vehicle is in a stationary start or low-speed movement state, MOIS system detects low-speed movement of pedestrians, bicycles, or motorcycles in the passenger-side blind zone, issues an information warning, and the corresponding indicator light  on the instrument panel flashes.
- When the vehicle is in a low-speed movement state, if the system detects stationary or low-speed-moving pedestrians or two-wheeled vehicles in the blind area ahead, and there is a risk of collision with the vehicle, the system will issue a collision warning, the corresponding  on the instrument panel will flash, and an accompanying sound alert will be triggered.

How to Use

- The user can enable or disable the MOIS function via a switch or button, and the system defaults to being enabled when the vehicle starts.
- When the MOIS is activated, the warning indicator light on the instrument panel flashes.
- When the function is temporarily unavailable due to system environment or electrical faults, the fault indicator light  on the instrument panel will illuminate. Please contact BYD auto after-sales service center or customer service center.

System Limitations

- MOIS can assist drivers in monitoring and issuing warnings for low-speed pedestrians and two-wheeled vehicles in blind spots ahead under specific scenarios; however, it cannot replace the driver's own observations and judgments. The driver must keep control of vehicle at all times and drive properly and is fully responsible for the vehicle.
- When the target object approaches the vehicle from the front/side at a very high speed, the system may not be able to provide adequate warning functionality.
- Ensure that front radar, camera, or ultrasonic sensors are free of dirt and damage to prevent the system from not performing as expected.

Precautions

- Under some circumstances, it will be difficult for the MOIS system to assist the driver, and detection may be affected or delayed. Possible circumstances include, but are not limited to:
  - The target object exits the blind spot area at the last moment.
  - In scenarios such as sharp bends and slopes, the system detects targets in the blind zone ahead too late.
  - The blind spot object is obstructed.
  - The speed of the front target object exceeds 10 km/h.
  - The vehicle is on a curve which is too sharp, or is entering or exiting a curve.
  - Bad weather, such as rain and snow.
  - Low-light environment (⩽15 LUX).
  - Targets that may not be responded include, but are not limited to, Vehicle or animals.
  - The camera is interfered by strong light.

WARNING

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

Driver Monitoring Systems (DMS)

Driver Monitoring System (DMS)*, including fatigue and distraction monitoring, is designed to monitor the driver's driving status with a camera and assess it. Based on the assessment, the system alerts the driver in a timely manner. The monitoring data will not be saved or uploaded to the server but instead will be deleted immediately after the assessment is complete.

How to Use

- The camera for DMS is mounted on the A-pillar of the driver's side. Make sure the camera is unobstructed before use, or DMS may not function normally.



- To enable or disable driver fatigue warning, distraction warning, or voice alarm (all enabled by factory default), go to the infotainment touchscreen → → **Vehicle** → **Cabin Perception**. By default, the system is switched on each time when the vehicle is just powered on.
- When the system sounds a fatigue or distraction warning, pressing the menu button on the steering wheel pauses the warning for 15 minutes, during which no warnings will be given.

Fatigue warning

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

Distraction warning

- With the vehicle speed meeting the system activation condition, driver distraction warning enabled and the camera unobstructed, when the system detects signs of distraction, such as looking at side mirrors, it alerts the driver promptly through a visual warning on the instrument cluster, voice assistant, or an audible alarm.

REMINDER

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

Precautions

- The driver monitoring system is only an auxiliary system and is not capable of effective recognition and alarm-raising in all situations. It cannot completely replace the driver's subjective observation and judgment. The driver must maintain control of the

vehicle at all times, complying with all road laws and regulations, and taking full responsibility for the vehicle.

- The proper functioning and accuracy of the driver monitoring assistance can be affected by a number of situations, including but not limited to:
  - Driver monitoring systems are disabled.
  - The camera is directly exposed to strong light.
  - Part of the driver's face is exposed to light or the complete facial features are hard to recognize.
  - The driver wears infrared-blocking glasses or glasses with thick lenses.
  - The driver wears a mask or something that covers the face.
  - The driver is not properly seated or the driver's face is in the blind spot of the camera.

WARNING

- Pull over in a safe manner as soon as possible when you feel tired or when the fatigue warning is triggered.

In-cabin Motion Detection

The system detects interior motion when the vehicle is powered off and locked, and the anti-theft alarm system is armed. As a sub-system of the anti-theft alarm system, it responds to any moving object detected with flashing lights and chimes to deter unauthorized cabin intrusion or vehicle use. You can clear the alarm by unlocking vehicle doors.

How to Use

- Go to the infotainment touchscreen → ⚙ → **Vehicle** → **Cabin Perception** to set the system.
- The system is defaulted to on every time when the vehicle is just powered on. You can toggle it off, which is effective for the current trip only. Interior motion sensing is defaulted to on every time when the vehicle is just powered on. You can toggle it off, which is effective for the current trip only.
- With the system on, flashing lights and chimes are given in response to interior motion detected when the vehicle is powered off and locked, and the anti-theft alarm system is armed.
- If the system malfunctions, the associated indicator goes on. In that case, contact a BYD authorized dealer or service provider, or the customer center.

WARNING

- While the system can notify of potential intrusions by flashing lights and chimes, it cannot fully prevent unauthorized entry.
- If an alert is triggered, promptly check for intrusions to minimize potential property loss.

CAUTION

- Causes to possible misidentification or false alarm may include:
  - Use of high-pressure water jets or automated car wash systems
  - Vehicle transportation on trains, ships, or trailers
  - Parking in a multi-level garage

CAUTION

- Moving objects inside the vehicle, such as pets, toys in motion, or operating fans
- It is recommended to disable interior motion sensing in scenarios mentioned above. The setting will remain effective until the vehicle is powered down.

Tire Pressure Monitoring

- The direct tire pressure monitoring system is an auxiliary system that monitors tire pressure in real time to improve vehicle safety and comfort and reduce tire wear and energy consumption due to insufficient tire pressure.
- You can ccess the instrument cluster menu by pressing the button on the steering wheel, navigate to the driving information bar by pressing the ◁ and ▷ buttons, and then select the tire pressure display screen using the OK button.

Tire pressure system alarm

- When the pressure of any tire is lower than 80% of the standard tire pressure (taking temperature into account) and the system is running, the tire pressure fault warning light lights up and the tire pressure value turns yellow. In that case, it is recommended to check for slow air leakage and inflate the tire to the correct pressure value.
- When the temperature of any tire is above 85°C for three consecutive minutes, the tire pressure system gives a high temperature alarm, and the temperature value of the corresponding tire turns yellow. You are then recommended to stop the vehicle and wait for the tire temperature to decrease before further driving.
- When the system is running, if a fault occurs, the tire pressure fault warning light is solid on after flashing, and the message "No Signal" or "Please check TPMS" is displayed on the instrument cluster. In that case, check the tire pressure monitoring module, and check for any surrounding electromagnetic source nearby. If the alarm persists for a long time, please contact a BYD authorized dealer or service provider.

WARNING

- The system does not stop vehicle traveling in the event of abnormal tire pressure. Therefore, each time before driving, check whether the tire pressure meets the standard pressure specified by the manufacturer (370 kPa for front wheels and 470kPa for rear wheels). If not (pressure of any or multiple tire 20 kPa higher or lower the standard value), do not drive, otherwise, vehicle damage or personal injuries may occur.
- If pressure is found to be abnormal while driving, check the tire pressure immediately. If the low pressure warning light comes on, avoid sharp turns or emergency braking, reduce vehicle speed, and pull it over to the curb and stop as soon as possible. Driving with low tire pressure can cause permanent damage to tires and increase the likelihood of tire scrapping. Serious tire damage can lead to traffic accidents, resulting in serious injuries or deaths.

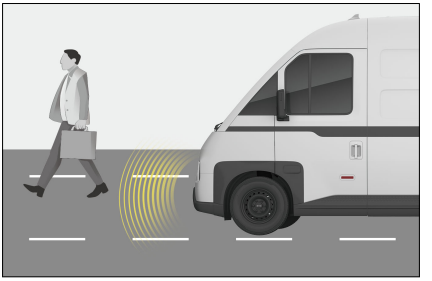
CAUTION

- The running time of the tire pressure monitoring module is related to the daily travel distance and other factors.
- The monitoring module regularly transmits tire pressure and other information to the display. Therefore, if the tire pressure drops suddenly or there is a flat tire, the monitoring module will not transmit data to the display until the next monitoring. In this case, the vehicle may be out of control. If there is a flat tire and monitoring fails to inform, or if you feel that there are some tire problems, stop driving immediately instead of waiting for the display to signal an alarm.
- Incorrectly installed monitoring module affects the air tightness of the tire. It is recommended that the installation and replacement of the pressure monitoring module be carried out by professional technicians of a BYD authorized dealer or service provider in accordance with the requirements of the installation manual.
- Since tire pressure varies with regional temperatures, inflate or deflate the tires according to the values displayed on the instrument cluster and the standard tire pressure values.
- The tire pressure monitoring system may be disturbed by non-BYD approved electrical accessories on the vehicle. This is not a tire pressure system failure.
- The tire pressure system needs to be matched again after replacement of wheel rims or spare tires* or tire rotations. Go to a BYD authorized dealer or service provider to re-match the tire pressure.

CAUTION

Acoustic Vehicle Alerting System (AVAS)

- Acoustic Vehicle Alerting System (AVAS) refers to the alert sound to pedestrians near the vehicle when it is moving at a low speed.
- When driving forward:
  - The broadcast volume increases with vehicle speed in the range of 0 km/h<V≤20 km/h.
  - The broadcast volume decreases with vehicle speed in the range of 20 km/h<V≤30 km/h.
  - At speeds above 30 km/h, the broadcast sound stops automatically.



- The vehicle makes a continuous and balanced prompt sound when moving in reverse.

How to Use

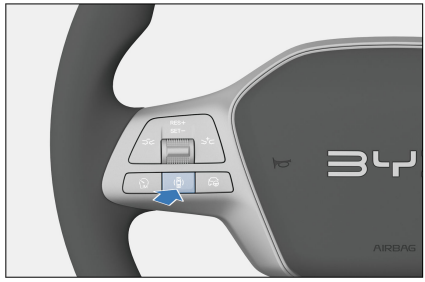
- To turn on or off the engine sound simulator*, slide down the top status bar on the infotainment touchscreen to display the shortcut screen.

WARNING

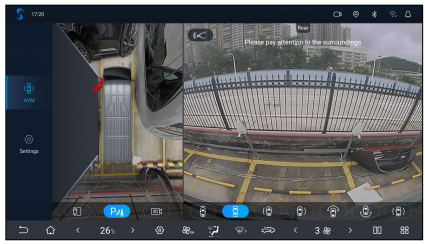
- The AVAS pause switch can only be used if there are no other road users within a short distance, and no audio prompt is needed considering the surroundings (for example, in a traffic jam or on the motorway). As long as pedestrians may appear around the vehicle, the AVAS needs to be turned on.
- If the vehicle is running at low speed with AVAS turned off, it is unable to alert pedestrians to the vehicle approaching, decreasing vehicle safety.
- If the AVAS prompt sound cannot be heard when driving at a low speed, stop the vehicle in a relatively safe and quiet place, open a window, then drive at a constant speed of 20 km/h in D gear and check whether an audio prompt can be heard from the front of the vehicle. If it is confirmed that there is no sound, it is recommended to contact a BYD authorized dealer or service provider.

Around View Monitor (AVM) System (AVM)*

- With the ignition switched on, tap **Vehicle View** on the infotainment system homepage or press the button on the steering wheel to access AVM.
- Shift into Reverse and the AVM screen is automatically displayed.



- On the bottom of the infotainment touchscreen, tap the icon for the front, rear, right, or left view. View of the selected area is displayed in the image section.
- In the single front and rear views, double-tap the image section to switch to a 180° perspective displayed in full screen.



- Tap to enable or disable the radar. When the radar is enabled, a warning is displayed as the vehicle is approaching an obstacle.
- Tap the vehicle image or the switching button to switch between transparent and nontransparent vehicle images.
  - After the vehicle starts, the transparent vehicle image displays the default view. It updates after the vehicle moves and displays a complete view under the vehicle when it is driven beyond its length.
- Tap the 3D view button to switch to a 2D view , and tap again to return to the 3D view.

WARNING

- The AVM system provides transparent AVM to show the view below the vehicle. This function is only for assisting in the observation of area below the vehicle during parking/driving. Investigation of foreign objects below the vehicle and dangerous situations should be carried out in any other manner to ensure the safety of personnel and the vehicle.
- When the vehicle is moving slowly, the transparent AVM feature is affected by speed changes or multiple stops, causing misalignment between the images below the vehicle and those outside.
- The system is only to be used for parking/driving assistance. It is not safe to rely solely on this system to park or drive the vehicle, because there are some blind spots in front of and behind the vehicle. The surroundings of the car should be observed in other ways during the parking/driving process, so as to avoid accidents.
- This system uses wide-angle fish-eye cameras, so some displayed objects may be different from the actual ones in shape.
- When the side mirrors are not fully extended, do not use the AVM system; when using the system for parking/driving, ensure that all the vehicle doors are closed.
- The distance to an object displayed on the AVM screen may be different from the distance perceived subjectively, especially when the object is closer to the

WARNING

vehicle. Assess the distance in various ways.

- Cameras are installed above the front grille, side mirrors, and the rear license plate. Make sure the cameras are unobstructed.
- To prevent impairing camera performance, avoid spraying directly on the cameras with high-pressure water. Wipe any water or dust off the camera in time.
- Protect the cameras from any impact to prevent damage or malfunction.
- After the vehicle is powered on, if you press the AVM start button or shift into Reverse while the infotainment system is not fully activated, the output on the AVM screen will be delayed or the screen will flash. This is a normal part of the camera power-on process.
- When one or more cameras in the system are not working, the corresponding views go black.
- When no camera is available, a "No video signal detected" message is displayed.

Parking Assist System

- During vehicle parking brake, the parking assist system detects obstacles by sensors, and prompts the driver with the proximity of obstacles by an image on the infotainment touchscreen and a speaker alarm.
- The parking assist system helps with reversing. Pay attention to the environment behind and around the vehicle during reversing.

- When you shift into Reverse, the infotainment touchscreen will automatically display a reversing image.
- Once reversing is complete, the screen will return to its previous screen.

WARNING

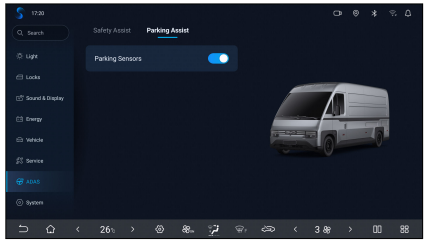
- When the vehicle speed is over 10 km/h, the parking assist system will cease to operate.
- Do not place any objects within the sensors' working range.
- To prevent sensor malfunction, do not wash the sensor with water or steam.

REMINDER

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

Parking Sensor Switch

- To turn the parking sensors on or off, go to the infotainment touchscreen → ⚙ → **ADAS** → **Parking Assist**.
- When the ignition is switched on, the parking assist system is enabled automatically.



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

Sensor Type

- When the sensor detects an obstacle, an image is displayed on the infotainment touchscreen according to the location of the obstacle and its distance from the vehicle.
- When the driver conducts parallel parking or reverse parking, the sensor measures the distance between the vehicle and the obstacle and communicates this information through the infotainment touchscreen and the speaker. Be aware of the surroundings when using this system.

① Front right corner sensor

② Front right center sensor

③ Front left center sensor

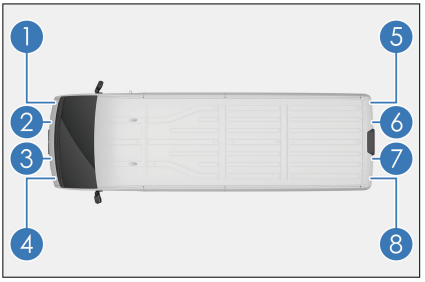
④ Front left corner sensor

⑤ Rear right corner sensor

⑥ Rear right center sensor

⑦ Rear left center sensor

⑧ Rear left corner sensor



Distance Display Alarm

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

Working example of center sensors

Approximate Distance	Touchscreen Display Example	Alarm
About 700 to 1200mm		Slow
About 400 to 700mm		Fast
About 200 to 400 mm		Continuous

Working example of corner sensors

Approximate Distance	Touchscreen Display Example	Alarm
About 400 to 600mm		Fast
About 200 to 400 mm		Continuous

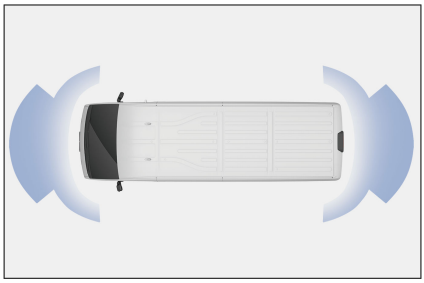
CAUTION

- The system has a blind spot range of 0–200 mm with reduced detection accuracy and less precise alerts. Alerts within 0–200 mm are for reference only.

Working Sensors and Detection Range

- All sensors are activated upon reversing.
- The illustration shows the sensors' detection range. Sensors have a range limitation, so the driver must check the

surroundings before slowly reversing the vehicle.



REMINDER

- The parking assist system is only used for assistance rather than substitution of your personal judgment. Be sure to operate the vehicle based on your observations.
- Sensors will not work properly if accessories or other objects are placed within their detection range.
- In some cases, the system cannot operate properly and will fail to detect certain objects as the vehicle approaches them. Therefore, be sure to observe the vehicle's surroundings at all times. Do not rely solely upon the system.
- Failure of the reversing radar system is indicated by a message on the instrument cluster and a beep, contact a BYD authorized dealer or service provider for inspection as soon as possible in the event of the error message.

Sensor detection information

- Certain vehicle conditions and surroundings may affect the sensors' ability to accurately detect obstacles. Detection accuracy may be affected if:
  - There is dirt, water or fog on the sensor.
  - There is snow or frost on the sensor.
  - The sensor is masked in any way.
  - The vehicle leans significantly to one side or is overloaded.
  - The vehicle is moving on particularly bumpy roads, slopes, gravel or grass.
  - The sensor has been repainted.
  - The vicinity is noisy due to honking of vehicles, motorcycle engines, air brakes of large vehicles, or other noises that produce ultrasonic waves.
  - There's another vehicle with parking assist system nearby.
  - The vehicle is fitted with a tow eye.
  - The bumper or the sensor was hit hard.
  - The vehicle is approaching a high or zigzag curb.
  - The vehicle is driving in the sun or in the cold.
  - The vehicle is fitted with non-original suspension that is lower than the original one.
- Except as described above, sensors may not be able to correctly determine the actual distance due to the shape of the object.
- The shape and material of obstacles may prevent sensors from detecting them, especially the following:
  - Electric wires, fences, and ropes
  - Cotton, snow, and other materials that absorb radio waves

- Any object with sharp edges and corners
- Low obstacles
- High obstacles facing outwards towards the vehicle
- Any object under the bumper
- Any object close to the vehicle
- Persons near the vehicle (depending on the type of clothing)

- If an image is displayed on the infotainment touchscreen or there is a beep, it may be that the sensor detects an obstacle or is interfered. If the issue persists, go to a BYD authorized dealer or service provider for inspection.

CAUTION

- To prevent sensor malfunction, do not wash the sensor area with water or steam.

Driving Safety Systems

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

Intelligent Power Braking System

- The intelligent power braking system is an advanced decoupled electro-hydraulic braking system, incorporating vacuum booster, electronic vacuum pump, and ABS/ESC functionality.
- The system assists vehicle braking according to the driver's demands. It offers advanced control functions such as ABS, electronic brake force distribution (EBD), traction control system (TCS), vehicle dynamic control (VDC), comfort parking (CST), hill hold control (HHC), hydraulic brake assist (HBA), controlled deceleration for parking brake (CDP), and CRBS to improve vehicle stability and comfort, and the recovery efficiency of brake energy.

VDC

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

TCS

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

WARNING

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

HHC

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

HBA

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

CDP

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

Hill descent control (HDC)

- Working principle: HDC is a value-added function of the ESC system to improve vehicle comfort. You can enable or disable this feature in the infotainment touchscreen → ⚙ → **Vehicle** → **Comfort Driving**. The main function of HDC is to assist in uphill and downhill slow driving through active braking. When HDC is working, ABS is activated when the wheel slip exceeds the ABS triggering threshold, allowing you to safely and smoothly go downhill, or even reverse.
- Activating HDC:
  - At vehicle speed below 38 km/h, you can enable HDC on the infotainment touchscreen. When the feature is enabled, its status indicator on the instrument cluster is steady on.
- HDC speed control:
  - HDC works at speeds between 10 km/h and 35 km/h, within which you can adjust the speed by pressing/releasing the accelerator or brake pedal. The vehicle speed is set when the accelerator or brake pedal is released. The HDC status indicator flashes to indicate that the HDC is working.
- Deactivating HDC:
  - On the infotainment touchscreen, toggle HDC off, and the indicator turns off.
  - HDC also automatically stops when the speed exceeds about 60 km/h.
- HDC malfunction:
  - In some special cases such as long downhill, HDC may be temporarily disabled due to the high temperature of the brake.
  - A "Please check the HDC system" message is displayed for safety. To restore the feature, stop the vehicle until the brake temperature cools down.

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

- Brake assist mode
  - The brake assist mode is used to adjust the brake pedal feel. The relation curve between the brake pedal depth and the vehicle deceleration varies across different modes for the driver to choose their preferred pedal feel.
  - Go to the infotainment touchscreen → ⚙ → **Vehicle** → **Driving Control** to set brake assist to comfort or sport mode.
- CST
  - Comfort parking function: When the vehicle decelerates to stop in a non-emergency situation, intelligent power braking system reduces the stop-instant suspension pitch and impact by controlling the brake pressure of the four brakes, and provides a smooth stop feeling.

- Enable or disable this feature in the infotainment touchscreen → ⚙ → **Vehicle** → **Driving Control**.
- After the function is triggered, the braking distance may increase by 2-5 cm. Increase the distance from the vehicle or obstacle ahead accordingly before stopping your vehicle.

- Brake disc wiping
  - Brake disc wiping function: When the wiper switch is on or the rain sensor detects rain, the integrated brake control system applies a small brake pressure to all four brakes so that pads come into contact with discs to remove the water film from the discs. This shortens brake response time and braking distance.
  - As long as the system detects rain or the wiper ON signal, the brake discs are repeatedly wiped at certain intervals to improve safety.

Electronic Stability Control (ESC) instructions

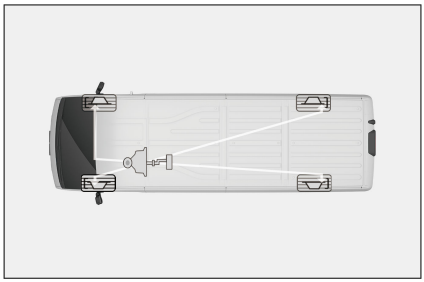
- ESC working
  - If there is a risk of skidding or backsliding when the vehicle starts on a slope, or if either drive wheel is spinning, the ESC indicator flashes to indicate that ESC system is working.
- Disabling ESC
  - If the vehicle gets stuck in snow or mud, ESC may reduce power output from the motor to the wheels. In this case, you may need to turn off the system to get out of the jam.
- Turning off ESC
  - Go to the infotainment touchscreen → ⚙ → **Vehicle** → **Driving Control**. 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.
- Some ESC functions may be re-enabled if you press the ESC OFF switch again or the vehicle speed exceeds the threshold (80 km/h). In order to prevent ESC from being turned off suddenly, ESC can be activated again only when it is not in a vehicle dynamic intervention state.
- Restarting ESC after the motor is powered off
  - When the ESC system is turned off, restarting the motor automatically restarts ESC system.
- ESC system start and speed linkage
  - If the ESC system is turned off, when the vehicle becomes extremely unstable as the speed increases and exceeds the threshold (80 km/h), the ESC system starts on its own.
- When ESC system is activated
  - If the ESC fault indicator flashes, drive with caution.
- ESC disabled
  - Be careful when ESC is disabled, and drive at speeds suitable for road conditions. The ESC system ensures vehicle stability and its driving force. Never turn it off unless necessary.
- Replacing tires
  - Make sure all tires are of the same size, brand, tread pattern, and total load. In addition, be sure to inflate tires to the recommended pressure.
  - Neither ABS nor ESC will work properly if the vehicle is fitted with different tires.

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

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

Anti-lock Braking System (ABS)

- The ABS hydraulic system has two separate circuits, each running diagonally through the vehicle (left front wheel brake connected to the right rear wheel brake). If one circuit fails, two wheels can still be braked.



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

EBD

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

WARNING

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

CAUTION

- If the ABS fault warning light is still on while the braking system warning light is on, immediately park the vehicle in a safe place. It is recommended to contact a BYD authorized dealer or service

CAUTION

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 system only helps you control steering when braking. Please always keep a safe distance from other vehicles.
- ABS cannot prevent skidding caused by sudden direction change, such as trying to make a sharp turn or change lanes suddenly. Always drive carefully at a safe speed, regardless of road and weather conditions.
- ABS does not decrease in stability either. When applying the brake in an emergency, the steering should be moderate. A large or sharp turn during the driving can cause the vehicle to swerve into oncoming traffic or run off the road.
- When driving on wet or soft or uneven roads (such as waterlogged concrete roads, waterlogged epoxy painted roads, sandy roads, snowy roads), vehicles equipped with ABS may require longer braking distances than vehicles without ABS. In such cases, reduce the vehicle speed and keep a greater distance from other vehicles.

Other Main Functions

Pickup Bed Monitoring

- When the ignition is on, the pickup bed monitoring system sends host controller the real-time HD videos collected by the pickup bed camera and stores them in the SD card.
- When the vehicle is stationary (in Park)
  - Real-time check: Use the pickup bed monitoring app to check the pickup bed in real time. Along with video images, recording status, time stamp, real-time vehicle speed, frame number, and SD card status are provided.
  - Recording: By using the app, you can record the video images. The default duration of each recording is five minutes. When the storage space is less than 1 GB, old recordings are automatically overwritten.
  - Playback: You can check the recordings in the playback list, set playback speed, check and edit multiple recordings, and sort recordings by date.
  - Settings: The system supports setting whether to show frame number, deleting all recordings, checking the used and total space of the SD card, and formatting the SD card.
- When the vehicle is running (not in Park)
  - When the vehicle is traveling (not in Park), you can set to start or stop recording in the app. However, real-time camera image check and playback are not supported.

CAUTION

- The storage card requirements and insertion instructions in the user manual see ***P163***.
- Detailed features and disclaimers can be found in the pickup bed monitoring app.
- The specific features may vary across vehicle configurations.
- You are responsible for complying with all laws and regulations regarding the use of cameras in your country or region, in particular those about privacy protection.
- To protect your privacy, video recordings are stored in the vehicle's onboard memory, and BYD does not collect or process your video data.

Unloading Guard

- When the vehicle is in P gear, you can open the unloading guard function through the drop-down menu of the infotainment touchscreen;
- After opening the unloading guard, the vehicle will automatically unlock the entire vehicle, and restrict gear shifting, activate cargo box monitoring, and turn on the warning lights;
- After the unloading guard is activated, the passenger compartment will automatically lock when the driver or front assenger exits with the key and closes the door.

CAUTION

- When opening and closing the unloading guard, please ensure that the key is in the vehicle;

CAUTION

- Remember to carry the smart key when opening the unloading guard.
- If the passenger door on the driver's side is not equipped with a microswitch, it is normal for the automatic locking function of the passenger compartment not to activate after the driver's side passenger exits and closes the door. If this feature needs to be activated, it is recommended to exit from the driver's side and close the door.

05 IN-VEHICLE DEVICES

Infotainment System.....150
A/C System.....153
BYD App.....157
Storage.....158
Refrigerator.....159
Other Devices.....161

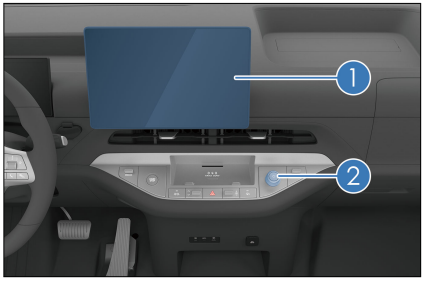
Infotainment System

Infotainment Touchscreen

When the ignition is on, the initial screen is displayed for several seconds and the infotainment system starts to work. To better experience infotainment functions, such as apps and Internet calls, the system is recommended to be used after network connection.

① Infotainment touchscreen

② Control knob



- With the infotainment system on, turn the knob clockwise to increase the volume and turn the knob clockwise to decrease the volume. The volume ranges from 0 to 39. A mute icon is displayed when volume is 0.
- During audio playback, press the scroll button to mute or unmute the audio.
- With the infotainment system on, press the scroll button to mute the sound and enter the screen saver interface or turn off the screen. Press the scroll button again to turn off the mute and turn on the screen.
- Press and hold the scroll button for three seconds to restart the infotainment system.

Reset to factory settings

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

WARNING

- Do not use a high-power inverter in the vehicle, as this may cause infotainment system malfunction.
- Do not format or root the device without authorization, as this may cause infotainment system or vehicle malfunction.
- For driving safety, it is recommended to use the infotainment system in landscape mode while driving.

CAUTION

- To prevent damage to the touchscreen:
  - Touch the screen gently. If there is no response, remove your finger from the screen, then touch it again.
  - Clean the screen with a soft damp cloth. Do not use any cleaning product.
- Using the touchscreen
  - When the screen temperature is low, the image displayed may be darker or the system may work slightly slower than normal.

CAUTION

- The screen may be dark or difficult to see when you are wearing sunglasses. In that case, change the viewing angle or take off the sunglasses.
- Touchscreen buttons that are grayed out cannot be operated.

- The touchscreen interface shown here is for reference only.

Navigation Bar

: returns to the previous page or exits the program.

: returns to the homepage.

: splits screen if applications support.

: goes to vehicle setting screen.

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

Gestures and Responses

Gestures and associated system responses are:

- Tapping: To open an application, select a function, press a key on the screen, or enter a character using the screen keys, simply tap with your finger.
- Dragging: To move an icon, thumbnail, or preview to a new location, hold and drag it to the desired location and release.
- Swiping: This can be done on the main page or the application interface.
- Double-tapping: zooms in an image or shows full screen. Double-tap again to return.
- Spreading/pinching: Seperate the fingers on an image to zoom in a section and close them together to zoom out.

OTA Updates*

- The vehicle supports over-the-air (OTA) updates. You can get the latest version of vehicle software in the infotainment touchscreen → → **System** → **Version**→ **Version update**.
- When available, new updates are prompted on the infotainment touchscreen. You can update it immediately, schedule an update, or update it by mobile phone (if supported) based on your vehicle usage.

CAUTION

- Do not move the vehicle during the update.
- Before the update, ensure that the vehicle is parked safely in Park gear with a stable network connection.
- Ensure the vehicle has a high SOC before starting the update.
- Do not install any third-party devices in the OBD port before or during the update.

CAUTION

- Make sure the vehicle has enough battery power before the update, as it cannot be charged or discharged during the process.
- During the update, vehicle functions are not available except the following: locking/unlocking with smart key or microswitch, interior lights, hazard warning light, and window controls.
- If the update fails, try again. If the retry fails, contact BYD customer service or a BYD authorized dealer or service provider for assistance.

BYD Assistant

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

- Waking up BYD Assistant:
  - On the steering wheel, press the button.
  - On the infotainment touchscreen, tap .
  - Say the wake-up word: Hi, BYD.
- Your voice commands can be recognized after system wake-up.
- Then, you can give the instruction.
  - This may be "Go home" (shortcut locations set), "Play music", "Make a call" (contacts data and Bluetooth connection required), "Set the temperature to 23°C", or "Turn on the seat ventilation for the driver". BYD Assistant then performs the recognized instruction.

Bluetooth call

Connection

1. On Bluetooth Call screen, tap **Please connect Bluetooth** to establish connection.
2. Tap **Scan for device** to search for available devices.
3. Pair the available device, and make sure the paring code displayed on your phone is consistent with the code on the touchscreen.
4. Set Bluetooth when connection is complete.

Bluetooth call

Go to the dialing screen when Bluetooth is connected.

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

File Management

New folder

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

Search

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

Cut/Copy

- Touch and hold any file, select target files and operation (Copy, Move or Delete), and then go to the edit status.

Rename

- Touch and hold any file, select Rename in dialog displayed, rename the selected file, and then tap OK.

Delete

- Tap and hold any file, select the file to be deleted and then tap Delete.

Sort

- Files are sorted by name by default. You can also sort them by size, type, or time.

Attributes

- Touch and hold any file, select a file, and then tap Details to check its attributes.

A/C System

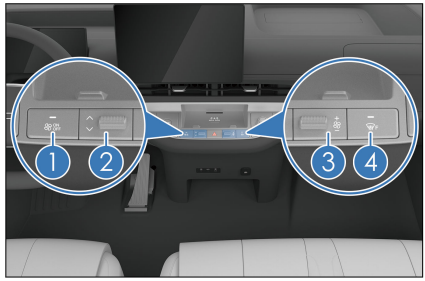
A/C Panel

① A/C ON/OFF button

② A/C temperature regulation control

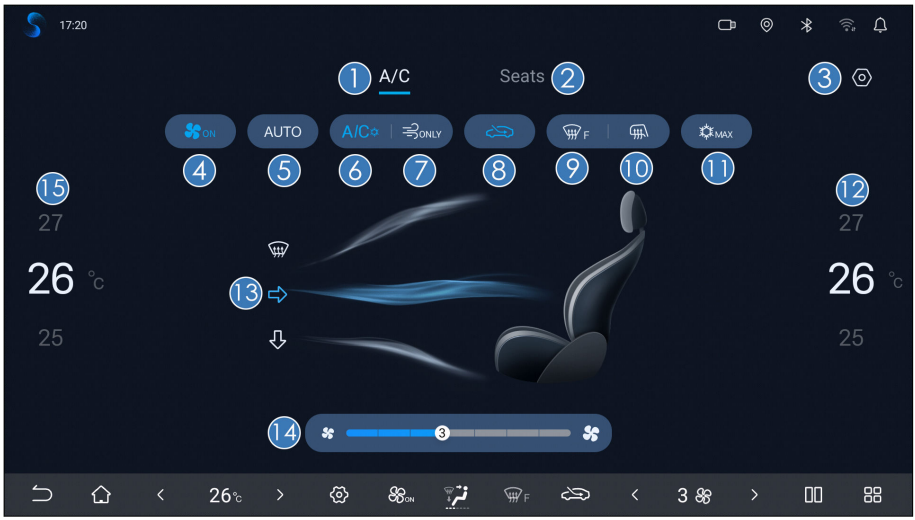
③ Air amount regulation button

④ Front windshield defrost button



A/C Operation Interface

Front A/C Operation Interface



1 A/C Operation Interface
2 Ventilation/Heating
3 A/C settings
4 A/C ON/OFF
5 Auto mode
6 Cooling
7 Ventilation
8 Circulation mode
9 Front windshield defroster
10 Defroster for rear windshield and side mirrors
11 Max cooling
12 Front passenger's temperature control
13 Air distribution
14 Fan speed control
15 Driver's temperature control

A/C Settings

Auto Fan Speed Reduction During Bluetooth Calls

- Tap this button to enable this setting.
- Tap this button a second time to disable it.

Auto air recirculation

- Tap this button to enable this setting.
- Tap this button a second time to disable it.

Remote A/C Schedule

- Sets the time for remote A/C running.

A/C Auto Mode

- Provides two options: **Eco** and **Comfort**.

Function Definitions

A/C ON/OFF

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

Auto mode

- After tapping this button, its indicator lights up on the front A/C panel, and compressor status, fan speed and air distribution can be adjusted automatically.
- The vehicle exits auto control if fan speed or air distribution is set, and other functions remain in auto mode except for those that have been operated.

Cooling

- Tap this button for cooling.
- Tap this button a second time to disable it.

Circulation mode

- Tap this button to switch to recirculation mode.
- Tap this button for the second time to switch to fresh air mode.

Ventilation

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

Front windshield defroster

- Tap this button to enter the front windshield defrost mode, distributing air to the front windshield, The

corresponding indicator on the front A/C panel lights up.

- Tap this button again to deactivate and exit the front windshield defroster control mode. The corresponding indicator on the front A/C panel turns off.

Side Mirror Defrosters

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

WARNING

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

REMINDER

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

Max cooling

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

Temperature control

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

Air distribution

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

Face-level vent: Air flows to the face level.

Foot-level vent: Air flows to the foot level.

Defroster mode: Air flows to the front windshield and side windows.

Fan speed control

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

Usage Precautions

- To quickly cool down the interior after long exposure to sunlight, drive for a few minutes with the windows open to exhaust hot air and speed up A/C cooling.
- To speed up cooling, adjust the temperature to "Lo" and use the recirculation mode for a few minutes.
- To cool down quickly, activate the maximum cooling control mode to enable the best A/C cooling state. This makes the interior environment comfortable quickly.
- If the A/C effect does not achieve expectations, it is recommended to activate auto mode. In this mode, A/C adjusts to the appropriate ventilation

temperature, mode and fan speed for comfort needs of passengers.

- Make sure that the air intake grille in front of the windshield is not blocked (for example, by leafs or snow).
- Avoid blowing cool air onto the windshield in humid weather. The inner and outer temperature difference can cause glass fogging.
- It is recommended to keep the space under the seats clear to improve air circulation.
- In cold weather, run the fan at high speed for one minute to remove snow or moisture from the intake passage, which helps reduce fogging.
- Use recirculation mode for a few minutes for cabin quick heating in cold weather, and switch to fresh air mode to prevent fogging after cabin is heated up.
- In dusty or windy conditions, close all windows, switch on the recirculation mode, and turn on the A/C.
- In heating mode, press the compressor control button to light up the button (turning on the compressor), which can reduce airflow moisture.
- In the ventilation mode, the system introduces the natural wind from outside, which is suitable for spring and autumn.

REMINDER

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

Switching on A/C with Cloud Service App

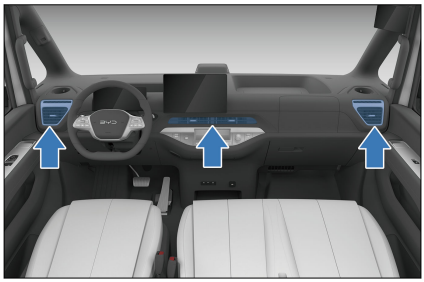
Tap the A/C card on the BYD app homepage to access the A/C control screen, where you can regulate A/C temperature, set duration, and preset A/C.

- Tap on the plus sign **+** or minus sign **-** to regulate A/C temperature. You can also set rapid heating or rapid cooling.

- Tap **More settings** to set duration and circulation mode.
- Tap **Preset** to set the A/C starting time in the next 24 hours.

Vents

- Turn the vent stick to adjust airflow or to open/close the vent.
- Use the vent stick to adjust the outlet angle.



BYD App

About BYD App

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

Account Registration

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

1. Open the app, and then tap **Sign up** to go to the registration screen.
2. Enter email address registered in BYD authorized dealer, tap **Send email** to receive verification code, and then enter the code in the app.
3. Set your password in password setting screen to complete the registration, and then the homepage is displayed.

CAUTION

- Provide the email address registered at the BYD authorized dealer, or registration will fail.
- In the app, select a country or region on upper right corner of the screen. The default setting depends on your phone setting. If it is not where you make the purchase, choose the right one, otherwise your data will not be accessible.

Vehicle Condition and Control

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

1. The homepage shows remaining driving range, SOC, vehicle error information, and status of vehicle driving, charging, A/C system, seat heater, seat ventilator, and tire pressure.
2. Tap the lock, unlock, light flashing and honking, or light flashing button to activate the corresponding function.
3. Turn on or off A/C on the app homepage, or tap the A/C card to access other settings, such as temperature regulation.

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

CAUTION

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

Individual Center and Vehicle Management

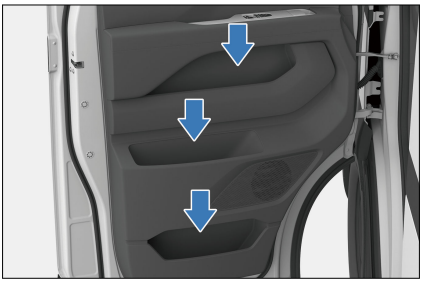
In BYD App screen, tap My Account to go to the individual center.

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

Storage

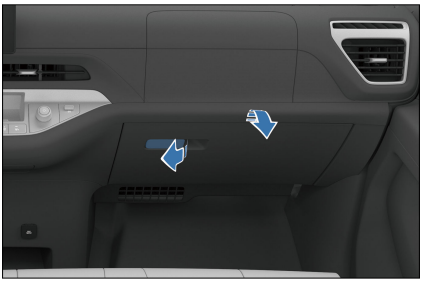
Door Bins

- Each car door is equipped with three storage compartments designed to store water cups, triangular warning signs, vehicle tools, or other small items.
- It is recommended that the total load capacity does not exceed 5 kg.



Glove Box

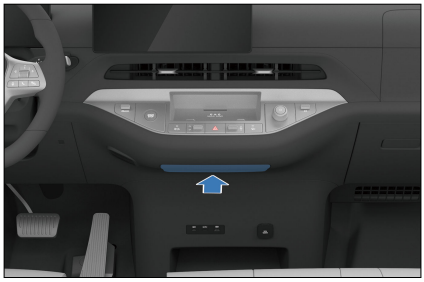
- Glove box is located below the dashboard on the front passenger's side.
  - Pull to open the glove box.
  - Push the lid up to close it.
  - Items such as manuals and tools can be stored here, with a recommended maximum weight of 5 kg.



Mid-mounted storage box

- The mid-mounted storage box is located under the air outlet in the instrument panel.
  - Pull to open the glove box.
  - To close, push the storage box upwards.

- It can store mobile phones, keys and other items. The recommended maximum weight is 0.5 kg.

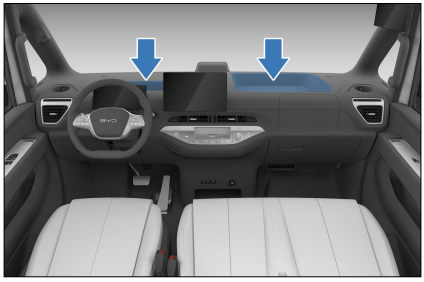


REMINDER

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

Dashboard storage box

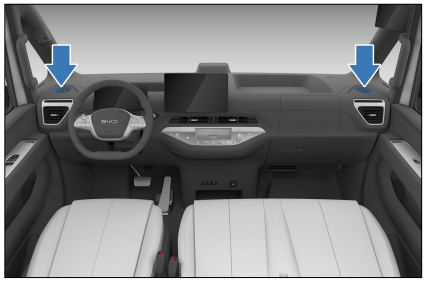
- It can be used to place items such as mobile phones.
- The recommended weight of the storage box on the driver's side is not more than 1 kg, and the recommended weight of the storage box on the front passenger's side is not more than 10 kg.



Cup Holders

Dashboard Cup Holder

- There is a cup holder on each side of the instrument panel.



Front passenger seat cup holder

- Front passenger seat cup holder is located on the front passenger backrest tray table.



REMINDER

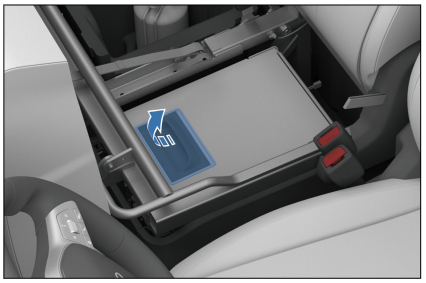
- For the use of the front passenger backrest tray table, see Section.

Refrigerator

Refrigerator*

- The refrigerator is located under the front passenger seat. To access it,

unfold the seat cushion, then pull the handle cover to open the refrigerator.



REMINDER

- For the unfolding method for the front passenger seat cushion, see ***P51***.

Refrigerator Settings

- Access the refrigerator settings on the infotainment touchscreen → Refrigerator .
- Refrigerator temperature controls
  - Temperature adjustment
  - In cooling mode, temperature can be adjusted between -6°C and 6°C.
- In heating mode, tmperature can be adjusted between 35°C and 50°C.
  - When cooling or heating mode is selected, the button for delayed power off displays on the setting screen.
  - When the function is enabled, the refrigerator continues to operate for a set period of time after the vehicle is powered off, which consumes additional vehicle power. The duration can be set at 1–12h.
  - When the function is disabled, the refrigerator stops working after the vehicle is powered off.
- Power-off memory
  - Press this button, the "power off memory" function is enabled. If the vehicle is restarted after powering off, the refrigerator is in the same state as that before powering off.
  - Press this button, the "power off memory" function is disabled. If the vehicle is restarted after powering off, the refrigerator remains off.

Remote opening and reminding function

- Refrigerator cooling/heating remote start
  - Users can remotely control the refrigerator's working mode.
- Reminder of refrigerator door not closed
  - When the refrigerator door remains open for one minute, or sterilization function is turned on when the refrigerator door is open, the infotainment touchscreen will display that "Refrigerator door is open, please close it promptly."
- Refrigerator long working reminder
  - If the refrigerator remains in the cooling or heating state with no items inside for one hour, the central infotainment touchscreen prompts "No items present. Please turn off the refrigerator".
- Heating explosion-proof reminder
  - When the refrigerator is switched from the non-heating state to the heating state, the central infotainment touchscreen prompts that "the heating function has been turned on, please do not place explosive articles such as cola in the refrigerator".

WARNING

- It is forbidden to heat or freeze the soda, so as to avoid the explosion of soda, which may cause damage to the refrigerator, vehicle and personal injury.
- Before heating, make sure that there are no flammable and explosive items, items that expand easily when heated, like cola, or substances that deteriorate or volatilize easily when heated in the refrigerator.

REMINDER

- The operating temperature of the compressor should be maintained within an appropriate range. Temperatures that are excessively high or low may prevent the compressor from initiating the refrigeration process.
- With the vehicle running, make sure the refrigerator door is closed to prevent articles from flying out of the refrigerator.
- Do not place fragile, perishable or smelly items in the refrigerator. If do, take away them in time. Do not place unsealed containers of beverages in the refrigerator to avoid spillage when the vehicle is running.
- Liquid items may deform in cooling mode, causing the refrigerator door to jam. To prevent this, ensure items are no taller than 180mm, and each water bottle is 500ml or smaller.
- Do not place overheated, corrosive and sharp objects in the refrigerator to avoid damage to the refrigerator; do not use sharp objects to scrape the inner wall.

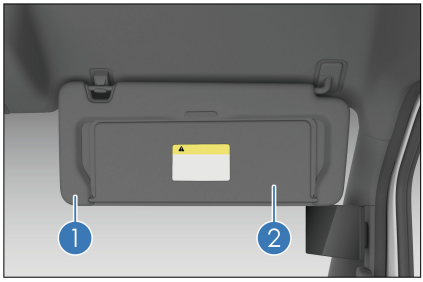
REMINDER

- Do not block the air outlet of the refrigerator (located at the lower sides of the rear AC control panel near the floor) or expose the air intake (above the lower dashboard/SD card slot) to water. Failure to do so may impair cooling performance or damage the refrigerator.
- Clear the refrigerator regularly to maintain clean. If condensed water is found, remove it promptly and keep the interior dry to prevent bacterial growth.
- Do not rinse the refrigerator or soak the refrigerator in water for cleaning.
- Turn off all power before cleaning the refrigerator. Clean the refrigerator with a slightly damp cloth and avoid using harsh detergents such as bleach or acidic cleaners, as they may cause corrosion to the refrigerator. Avoid using hard objects such as steel balls or iron brushes to avoid scratching the surface of the refrigerator.

Other Devices

Sun Visor

- To block sunlight from the front, pull the sun visor① down.
- To achieve the maximum shaded area, simply pull down the sun visor flap②.
- To block sunlight from a side, remove the swivel sleeve from the fixed support and turn the visor towards the side window.

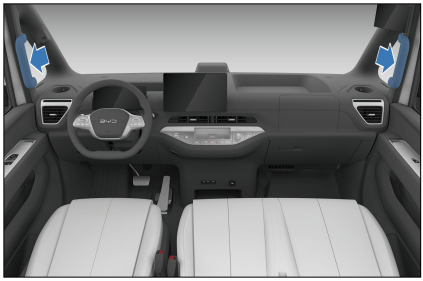


REMINDER

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

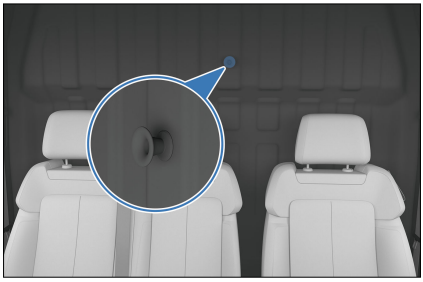
Grab Handles

Hold the fixed grab handles directly when getting on or off the vehicle.



Hanger

- The hanger on the upper part of the seatback is used to temporarily hang lightweight items, such as clothes, hats, or bags.



WARNING

- The hanger can bear up to 3 g. Never hang things more than this weight. Hanger deformation or falling off causes serious safety risk.
- To prevent serious or fatal injury in emergency braking or in a collision, do not hang items that tend to sway or are too heavy when the vehicle is on the road.
- Umbrellas, keys and other hard and pointy objects are strictly forbidden. these could harm occupants in the vehicle in the event of a collision.

USB Ports

Driver seat USB ports

- The driver's USB port is located below the main instrument panel, toward the driver's side.

  ① Type-C charge port

  ② Type-A data transmission/charge port



- The ports can be used only when the ignition is on.
- The infotainment system is compatible with USB storage devices up to 128GB. It is not compatible with some USB devices on the market.

CAUTION

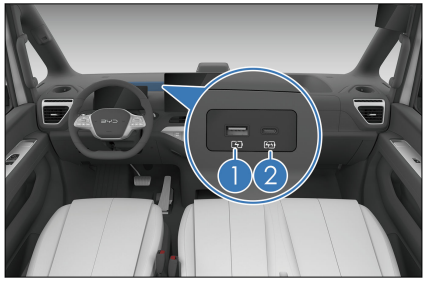
- It is recommended to use a USB storage device up to 128GB with a partition format of FAT32.
- Do not use substandard or special USB storage devices to avoid damaging the infotainment system or data in the USB device.

Storage Box USB Port

- The USB port for the storage box is located in the driver's side storage box, which is in front of the driver's seat.

① Type-A charge port

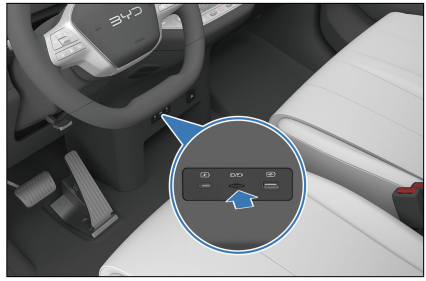
② Type-C fast charge port



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

SD Card Slot

- An SD card slot is located at the hollowed-out part below the auxiliary dashboard near the driver's side seat.
- The infotainment system supports TF card (also called Micro-SD card) ranging up to 128GB with a Class 10 speed rating or higher.



CAUTION

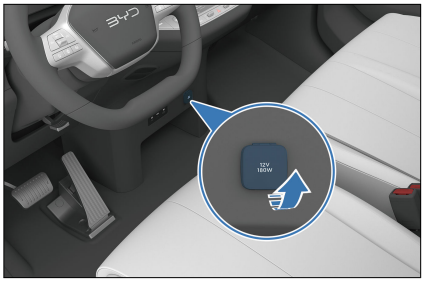
- Insert the card vertically.
- Incompatible TF cards may result in recorder failure to write and save video files.
- TF cards with non-FAT32 partition format need to be converted into FAT32 format before first use, otherwise the system may fail to recognize them.
- Before removing the TF card, write files or shut down the infotainment system, or video files may be damaged.

12V Auxiliary Power

- The standby power supply can be used for accessories with a working current

of less than 10 A and electrical power of less than 180 W.

- The 12 V auxiliary power supplies power to vehicle accessories.
- The 12V auxiliary power is available only when the ignition is on. Lift the cover to use it.

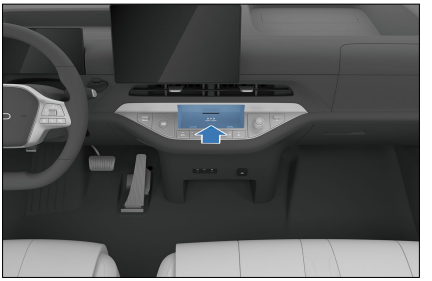


CAUTION

- In order to prevent the fuse from blowing, the power consumption must not exceed the total load of the vehicle 12V/180 W.
- To prevent draining the low-voltage battery, do not use the 12V auxiliary power supply for a long time when the drive motor is not running.
- When the 12V auxiliary power is not in use, close its cover. Do not insert any object other than a suitable plug into the 12V auxiliary power socket or let any liquid ingress the socket, as electrical failure may result.

Wireless Phone Charger*

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



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

CAUTION

- 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

CAUTION

contact a BYD authorized dealer or service provider.

- BYD will not assume any responsibility for any problems caused by improper use. If the product is disassembled or modified, the free warranty will be terminated.
- For safety reasons, do not leave an unattended phone being charged in the vehicle.
- For safety reasons, refrain from checking phone charging status for a long time while driving.
- If a metal item is found between the device and the charger rubber pad during charging, do not remove the metal item with bare hands to prevent burning.
- For better charging, the center of the phone coil must be aligned with the center of wireless charger (indicated with text in the charger area), or charging may fail.
- Prevent any fluid from coming into contact with the charger area. The wireless charger will malfunction if water enters the wireless charger via the gap around the rubber mat.
- Charging may stop at high temperatures, and will resume once the temperature drops.
- BYD makes no commitments for problems caused by external wireless charging coils. Please use with caution.
- The wireless phone charger system can charge Qi-certified phones, and non-Qi-certified

CAUTION

phones are not guaranteed for normal charging.

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

REMINDER

- Only one phone can be charged at a time.
- A phone case that is too thick may prevent charging.
- On bumpy roads, the wireless phone charger may intermittently stop and then resume.
- Try to ensure that the surface on which a mobile phone is placed is parallel to the charging module. If the phone moves from the wireless charger area and stops charging, move it back.
- If the phone cannot be charged properly, ensure that there are no foreign objects in the wireless charger area, or wait for the wireless charger area to cool down before trying again. If it is still impossible to charge the phone, contact a BYD authorized dealer or service provider.
- After power-off, if the phone is still charging and the driver's door is opened, the instrument cluster sounds an alarm and the message "Please take your cell phone with you" is displayed for five seconds.
- The setting icon for wireless phone charger can be added or removed on the shortcut page of the infotainment touchscreen.

REMINDER

- The wireless phone charging function only works with Qi-certified phones.
- For the purpose of compatibility, the in-vehicle wireless fast charging module may be slower than the original charger provided by your phone’ s manufacturer.
- The wireless fast charging power of your phone depends on that supported by the phone, while the in-vehicle fast charging* only supports up to 50 W.
- Certain phones may carry outdated charging programs that are not capable of fast charging.

06 MAINTENANCE

Maintenance Information..... 168
Regular Maintenance.....171
Self-Maintenance.....176

Maintenance Information

Maintenance Cycle and Items

Maintenance Plan

- The maintenance plan is designed to ensure stable driving, failure reduction, safe and economical driving.
- The maintenance schedule lists all the maintenance items that are necessary to keep the vehicle in optimum condition at all times.
- The items listed are important and need to be performed according to the specified time interval.
- Hoses with any degradation or damage should be replaced immediately. Rubber hoses (for systems such as A/C, heating, and braking systems) must be checked by professional technicians according to the maintenance schedule.

Maintenance Plan Requirements

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

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

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

Maintenance Schedule

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

Maintenance Item	Interval
Brake friction block and brake discs	Check them every 24 months or 20,000 miles (30,000 km).
Brake piping and hoses	Check them every 24 months or 20,000 miles (30,000 km).
Steering wheel and tie rod	Check them every 24 months or 20,000 miles (30,000 km).
Drive shaft boot	Check it every 24 months or 20,000 miles (30,000 km).

Maintenance Item	Interval
Ball pin and dust boot	Check them every 24 months or 20,000 miles (30,000 km).
Front and rear suspensions	Check them every 24 months or 20,000 miles (30,000 km).
Tire condition and pressure, including TPMS	Check them every 24 months or 20,000 miles (30,000 km).
Tire wear (check front and rear wheel alignment when tire uneven wear is greater than 2 mm)	Check during maintenance and rotate when necessary; Under severe working conditions, check more frequently and rotate when necessary
EPS corrosion and foreign materials on or ablation of connectors, including wiring harness GND point	Check for them every 24 months or 20,000 miles (30,000 km).
Coolant level in expansion tank	Check them every 24 months or 20,000 miles (30,000 km).
Brake fluid	Check them every 24 months or 20,000 miles (30,000 km).
High-voltage battery tray, impact bar, shield, and mounting torque(QH)	Check them every 24 months or 20,000 miles (30,000 km).
A/C filter	Check it every 24 months or 20,000 miles (30,000 km). In severe driving conditions, check it every six months and replace it if necessary.
Drive motor coolant	Replace the long-acting organic acid coolant every six years or 60,000 miles (90,000 km).
Brake fluid	Check during maintenance and replace every 24 months or 20,000 km (30,000 km)
Gear oil in the transmission	Replace it at 24 months or 20,000 miles (40,000 km) for the first time, and every 24 months or 30,000 miles (40,000 km) afterwards.
Powertrain leaks or bumps	Check them every 24 months or 20,000 miles (30,000 km).
Loose high-voltage wiring harnesses and connectors	Check them every 24 months or 20,000 miles (30,000 km).
Deformation of or oil stains on the high-voltage module	Check them every 24 months or 20,000 miles (30,000 km).

Maintenance Item	Interval
Foreign materials on or ablation of charging connector interface	Check them every 24 months or 20,000 miles (30,000 km).
Vehicle module software update (update if any)	Check them every 24 months or 20,000 miles (30,000 km).
Wading marks on high-voltage parts	Check them every 24 months or 20,000 miles (30,000 km).
Check the wear condition of the sliding door alignment mechanism.	To ensure optimal performance and prolong the service life of the sliding doors, it is recommended to clean the tracks of dust and debris and apply lubricating grease every 50,000 kilometers or every 3 to 5 months.
Inspect the sliding door tracks and rollers, clean them, and apply lubricant to the sliding surfaces of the tracks.	Check for them every 24 months or 20,000 miles (30,000 km).
Spare tire looseness	Check them every 24 months or 20,000 miles (30,000 km).
Torque reapplication for spare tire lifter	Check them every 24 months or 20,000 miles (30,000 km).
Torque reapplication for U-bolts	Check for them every 24 months or 20,000 miles (30,000 km), whichever comes first.
Note: When checking Item 1, replace chassis parts in a timely manner if any abnormal damage is found.	

REMINDER

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

REMINDER

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 or 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 75 km/h at temperatures above 30°C for more than 50% of total travel time.
- Frequent overloading.

Regular Maintenance

Regular Maintenance

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

CAUTION

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

Vehicle Servicing

- 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 checked or repaired, and it is 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; 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.

WARNING

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

Vehicle Corrosion Prevention

The most common causes of vehicle corrosion are:

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

The following rules should be observed to prevent vehicle corrosion:

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

Paint Maintenance Tips

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

tools or rub with organic solvents on the vehicle body so as to avoid chemical reactions.

- The vehicle must be waxed once a month or whenever water resistance performance of the vehicle degrades and be taken to an auto beauty provider for maintenance once every three months.
- High quality polish and wax must be used. If body finish is severely weathered, use a car cleaning polish in addition to the wax. Carefully follow the manufacturer's instructions and precautions. Chrome finish should be polished and waxed as well as painted finish.

CAUTION

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

Vehicle Cleaning

- The vehicle must be cleaned in time under the following circumstances which will cause peeling of paint layer or corrosion of body and parts:
  - Driving along the coast.
  - Driving on a road on which anti-freeze has been scattered.
  - Driving on roads covered with coal tar.
  - Resin, bird droppings and insect carcasses get stuck.
  - Driving in areas with a large amount of smoke, soot, dust, iron filings or chemicals.
  - Vehicles visibly soiled by dust or mud.
  - After raining.

Manual Car Washing

Wait for the vehicle to cool down sufficiently in the shade before washing it.

1. Hose off loose dirt, including all mud or road salts at the bottom of the vehicle and on wheel pits.
2. Wash the vehicle with neutral agents, the mixing of which should be carried out according to the manufacturer's instructions. Soak a soft cloth with cleaning solution and gently wipe it down along the direction of the water flow. Do not wipe in a circular motion or horizontally.
3. Rinse well—Dried washing agent forms markings. After washing the vehicle in hot weather, rinse all parts properly.
4. Dry the vehicle with a clean soft towel to prevent stay water marks. In order to prevent scratching, do not rub or apply excessive force on the paint.

REMINDER

- Do not use any alkaline washing powder, soapy water, detergents, de-waxing detergents or volatile substance (gasoline, kerosene, or solvent).
- When cleaning the lights, avoid using alcohol-based products (like alcohol and windshield washer fluid), ketones (such as lacquer thinner and insect remover), or other chemical solvents (including gasoline, thinner, and carbon tetrachloride), as these can cause the light casings to crack.

REMINDER

- It is recommended that vehicles traveling in coastal or heavily polluted areas be washed once a day.
- Do not use blades or gasoline to remove hard dirt from the vehicle body. The plastic wheel trim is easily damaged by organic matter. If any organic matter splashes on the vehicle trim, remove it with water and check whether the trim is damaged. Replace any seriously damaged plastic wheel trim in a timely manner. Otherwise, the trim may fall from the wheel during vehicle movement and cause an accident.
- Do not use abrasive cleaning agents to scrub the bumper or lights.
- Clean polished metal parts with carbon cleaner and wax them regularly for protection.

Automatic Vehicle Washing

When choosing an automated car wash service, be aware of certain types of brushes, unfiltered rinsing water, or machine-specific rinsing procedures that may scratch the paint and affect its gloss and durability, especially darker colors. Before washing the vehicle, it is best to consult the staff of the car wash service provider to understand which washing procedures are the safest for the paint finish.

Interior Cleaning

REMINDER

- Prevent direct water splash onto the dashboard and floor, or into nearby electrical components when washing the vehicle, as these may cause malfunctions.
- Do not wash the vehicle's floor in case it causes corrosion.

Carpet

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

Seat Belt Maintenance

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

WARNING

- Do not clean the seat belt with colorant or bleach. These substances may decrease the seat belt’ s strength.

WARNING

- Do not use any seat belt that is not dry.

Doors and Windows

- Doors and windows can be cleaned with any ordinary detergent.
- Check the door checks regularly. If the check lever is found with visible dust accumulation, wipe it with a wet soft cloth. Then apply 0.3 - 0.8 g of lubricant between the bracket and the pull rod riveting shaft, and between the pull 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, 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 substance (such as solvents, kerosene, alcohol, and gasoline) or acid-base solutions. These chemicals can cause discoloration, staining, or flaking.
- Confirm that the detergent or polishing agent to be used does not contain the above substances.

CAUTION

- 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 with a neutral detergent solution to wipe off the dust, and then use a clean, wet cloth to wipe the remaining detergent thoroughly.
- If leather gets wet, wipe it with a clean soft cloth. 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, or acid-base solution, as these will cause discoloration.
- Do not clean leather with a nylon brush or synthetic fiber cloth, as these may scratch the fine patterns on the leather surface.
- Mold may grow on dirty leather trimmings. Special care must be taken to avoid oil stains, and trimmings must always be kept clean.

CAUTION

- Prolonged exposure to sunlight will cause leather to harden or shrink, so the vehicle should be parked in a shady and cool place, especially in the summer.
- In hot weather, avoid placing vinyl or waxy items on the trimmings, as these may stick to leather in high temperatures.
- Improper cleaning of leather trimmings may cause discoloration or spots.

Self-Maintenance

Self-Maintenance

Self-Maintenance Precautions

- If maintenance is to be carried out by the owner, be sure to follow the correct steps specified in this section.
- Improper and incomplete maintenance will affect the good use of the vehicle.
- This section only lists instructions on simple maintenance items that can be done by the owner. However, there are many items that must be done by qualified technicians with special tools.
- Special care must be taken in maintaining vehicles to prevent accidental injuries. Make sure to obey the followings:

WARNING

- If the motor is very hot, do not remove or loosen the expansion tank cover to prevent burns.

WARNING

- Do not smoke in or near the vehicle to avoid sparks or open flames that may cause fire.
- Be very careful when handling the low-voltage battery, as it contains toxic and corrosive sulfuric acid.
- Never get under a vehicle supported only by a jack. Be sure to prop the vehicle up using both a jack and a vehicle stand before going underneath the vehicle.
- 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.

CAUTION

- Beware of short circuits, as some circuits and vehicle components carry high current or voltage.
- If coolant overflows, wipe it with a dry cloth or tissue to prevent damage to components or vehicle paint.
- If brake fluid overflows, rinse it with water to prevent damage to components or vehicle paint.
- When replacing wiper blades, do not allow the wipers to scratch the glass surface.

CAUTION

- Before closing the hood, check whether any tool or wipe cloth is left in the engine compartment.

Checks

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

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

REMINDER

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

Combination Lights

Alignment of front combination lights

- For each new vehicle, front combination lights are already aligned in the factory. If the vehicle often carries heavy loads, the front combination lights may need to be realigned. It is recommended to have the front combination lights aligned by a BYD authorized dealer or service provider.

Fogging of lights

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

moisture in the air to condense into fog or water beads easily on the lamp surface at low temperatures. This is called fogging of lights.

WARNING

- The headlight bulb becomes very hot when illuminated. Grease, sweat, or scratches on the surface of the bulb glass cause the bulb to overheat and break.

REMINDER

- If fog presents inside the headlight and inside the turn signals on side mirrors, it may be due to high air humidity or significant temperature difference between the vehicle and its surroundings. In that case, turn on the headlight or turn signal while driving. The fog will evaporate after a short period of driving.
- Do not wax the light casings to prevent damage.
- 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.

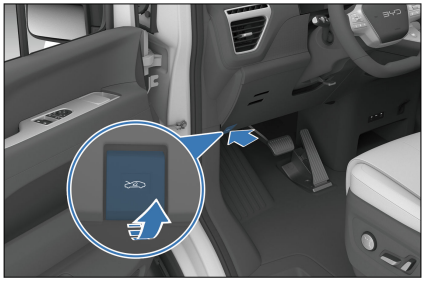
Vehicle Storage

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

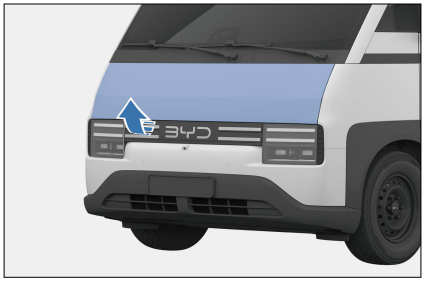
Hood

Opening the Hood

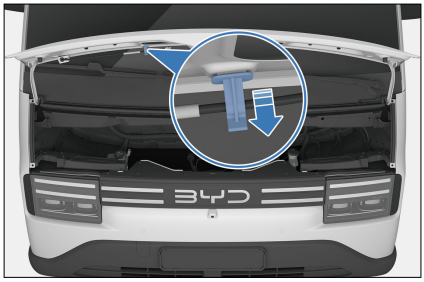
- Pull the handle under the dashboard twice. The hood unlocks and opens slightly.



- Position yourself in front of the vehicle and lift the hood.



- Remove the support rod from the holder.



- Insert the support rod into the recess to maintain the hood’ s open position.

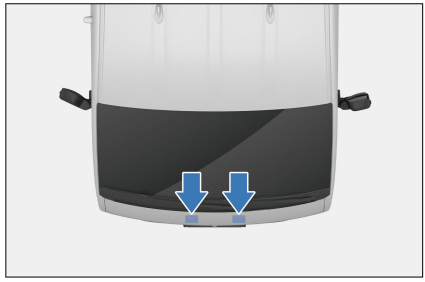


REMINDER

- After inserting the support rod into the recess, ensure it securely supports the hood to prevent accidental closure and potential injury to the head or body.

Close the hood

- Before closing the hood, inspect the engine compartment for any tools, rags, or other foreign objects to ensure no items remain. Retract the support rod into the holder. Lower the hood and ensure it is fully latched to secure the closure. If necessary, gently press the front edge to engage the latch.



REMINDER

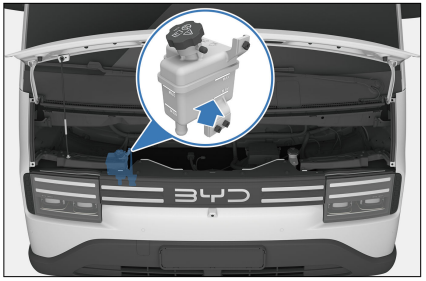
- Before driving, ensure that the hood is closed and locked firmly. Otherwise, the hood may accidentally open during driving, resulting in an accident.

REMINDER

- Do not force down the hood.
- Do not close the hood with a single hand, as this may concentrate the force in one area and cause damage to the hood.
- Do not press the front edge of the hood to prevent damage to the vehicle.

Cooling System

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



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

CAUTION

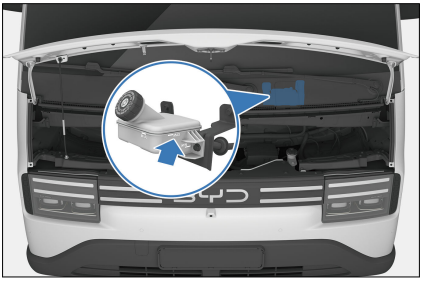
- Do not add any rust inhibitor or other additives to the cooling system for they may be incompatible with the coolant or the motor components.

CAUTION

- Before opening the reservoir cap, make sure that the motor, high-voltage electronic control assembly, refrigerant reservoir and radiator are all cooled down. Opening the coolant expansion tank when the motor has not yet fully cooled down may cause coolant to squirt out, resulting in severe burns.

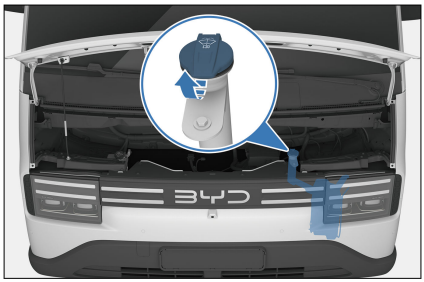
Braking System

- Check the level in the fluid tank monthly, and change the brake fluid according to the travel time and mileage specified in Maintenance Schedule.
- Be sure to use the brake fluid of the same specifications as the original brake fluid, and different types of brake fluid must not be mixed.
- It is required that the level in the fluid tank should be between "MAX" (maximum level) and "MIN" (minimum level) marks.
- If the level is below the MIN mark, check if the braking system leaks and the brake friction blocks are worn.



Windshield Washer

- The windshield washer reservoir is located behind the right headlight in the engine compartment. Remove the cover to check the fluid level in the reservoir.
- If the windshield washer is used frequently, the level of the washer reservoir should be checked more frequently.
- High quality windshield washer fluid should be added to improve stain removal and prevent freezing in cold weather.



- When refilling the washer fluid, use a clean cloth dipped in the windshield washer fluid to clean the windshield wiper blade. This helps keep the wiper blade in good condition.
- During normal use, check the liquid level of the windshield washer reservoir at least monthly.

CAUTION

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

A/C System

- The A/C system is a closed system, and any important maintenance work should be performed by professionals from a BYD authorized dealer or service provider.
- The following practices help ensure that the A/C system works effectively.
  - Check the radiator and A/C condenser regularly. Remove leaves, insects, and dust from the front surface. These deposits will hinder the air flow and reduce the cooling effect. It is recommended to contact a BYD authorized dealer or service provider.
  - In cold months, turn the A/C on once a week for at least 10 minutes to circulate the lubricating oil in the refrigerant unit.
- If A/C cooling efficiency decreases, go to a BYD authorized dealer or service provider for maintenance.

CAUTION

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

Wiper Blades

The blade strip, made of synthetic rubber, is a vulnerable part. Various service environment of the vehicle and usage habits of drivers can damage the blades. Therefore, please observe the following to ensure the service life of blades and driving safety:

- Do not use a blade to remove ice from the windshield surface. Use a customized ice scraper.
- Do not scrape the windshield surface if it is dirty, greasy or waxy.
- Keep the windshield surface clean. Do not scrape dust, sand, insects, or foreign bodies on the windshield surface.
- During vehicle washing and body paint maintenance, there is no need to wax the windshield, as the wax layer reflects light in bad light, affecting the line of sight and driving safety. After washing the vehicle, rinse the blade with plain water, and use special windshield wax cleaner to remove the wax layer on the windshield.
- To prevent excessive water pressure from damaging the blades, do not wash the blades directly with a water jet.

Maintenance Rules

- Clean windshield and blade regularly (preferably once a week or once every two weeks).
- Wipe the wiper regularly (preferably once a day or once every two days) even if it doesn't rain.
- When using a blade to wipe the windshield, keep the windshield fully wet (when there is no rain, the washer liquid must be sprayed in advance).
- Clean the windshield with a special windshield washer fluid.
- Promptly clean mud and insect carcasses stuck to the windshield with a rag.
- When there are marks on the windshield caused by gravel, maintenance should be carried out timely (it is recommended that windshield repair resin products should be used and the windshield should be replaced if marks are too large or too many.)
- Replace the wiper blades regularly, preferably once every six months.
- When cleaning the windshield, raise the wiper arm in advance. The specific operation method is as follows:

  1. Go to infotainment touchscreen →Service to enable front wiper maintenance. The wiper is then rotated down.
  2. Grasp the upper end of the wiper arm and carefully lift the wiper arm and blade assembly.

Tires

- For safe driving, tires must be made and sized to fit the vehicle, with good tread and standard tire pressure.
- The following pages provide details on how to check tire pressure, damage to and wear of tires, and the operating method for tire transposition.

WARNING

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

Tire Inflation

- Keep tires properly inflated to provide the best combination of maneuverability, tread life, and driving comfort.

- Under-inflated tires can cause uneven tire wear, affect steerability and energy consumption, and are prone to leakage due to overheating.
- Over-inflated tires reduce riding comfort and are prone to damage from uneven roads. In severe cases, the risk of tire bursting poses severe threats to the safety of the entire vehicle. Over-inflation will also cause uneven wear and tear of tires, affecting tire service life.
- When tires are cold, you can decide whether to replenish tire pressure according to the tire pressure values displayed on the instrument cluster.
- Tire pressure should be measured while tires are at ambient temperatures. This means that it should be measured at least three hours after stop. If you must drive the vehicle before the tire pressure is measured, tires can still be considered at ambient temperatures as long as the traveled distance is not more than 1.6 km.
- It is normal that tire pressure reading measured while tires are hot (after travel of several kilometers) is 30-40 kPa (0.3~0.4 bar) higher than when tires are cold. In that case, do not deflate tires in order to achieve the specified cold tire pressure reading; otherwise, the tire pressure will be insufficient.

REMINDER

- The recommended cold tire pressure is indicated on the label affixed to the driver's door frame.
- Tubeless tires have a self-sealing function when they are punctured. However, as the leak is usually very slow, as soon as the tire begins to depressurize, carefully look for the leak location.

REMINDER

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 must be replaced if any of the cases happens.
  - Replace the tire if there are cracks on its side or if its fabric or cord can be seen.
  - Replace tires with excessive tread wear.
- Tire treads are cast with wear bars. When the tread is even with the wear bar, its thickness is less than 1.8 mm. The adhesion of tires worn to this extent is very small on wet roads.
- Tires with exposed wear bars are experiencing serious performance loss and therefore must be replaced.



Maintenance

- In addition to proper inflation, proper wheel alignment also helps reduce tread wear.
- If uneven tire wear is found, go to a BYD authorized dealer or

service provider and check the wheel alignment.

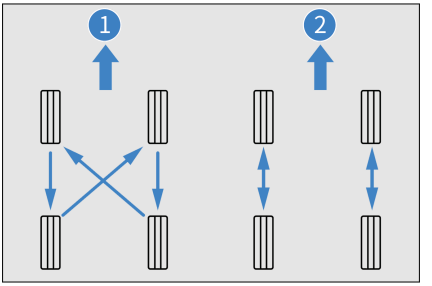
- Although the vehicle has been balanced in the factory, it needs to be re-balanced after running for a period of time.
- If there is some kind of continuous vibration at high vehicle speeds (80 km/h), but not at low vehicle speeds, go to a BYD authorized dealer or service provider for tire checks.
- If a tire has been repaired, be sure to re-balance it.
- After installing a new tire or replacing a new wheel, always perform tire balancing.

CAUTION

- Improper wheel balancers can become loose and fall off, which damages the vehicle or surrounding objects during vehicle travel.
- Improper wheel balancers damage the aluminium rims of the vehicle. Therefore, it is recommended to use original wheel balancers to keep balance.

Tire Rotation

- In order to make tires wear the same and prolong their service life, it is recommended to regularly (no more than 12,000 km) check the wear of the tire inner and outer tread and rotate the tires and conduct four-wheel alignment, inspection and adjustment if necessary.
- Do not rotate tires when a spare tire is used for the vehicle.
- When purchasing replacement tires, you may find that some tires are "directional" , which can only be rotated in one direction. If directional tires are used, only the front and rear wheels can be swapped when rotating tires.
- As shown:
  - ① Non-directional tires and wheels.
  - ② Directional tires and wheels.



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

Replacing Tires and Wheels

- Original tires maximize performance, while providing the best combination of maneuverability, driving comfort and service life.
- It is recommended to replace with original tires at a BYD authorized dealer or service provider.
- Replacement of tires with different sizes, road ranges, rated speeds and maximum cold pressures (marked on the tire side) or mixed use of radial tires and diagonal tires can reduce braking ability, driving force (ground adhesion) and steering accuracy.
- The installation of unsuitable tires can affect the maneuverability and stability of the vehicle, and may lead to accidents.
- Do not replace only one tire; otherwise it will severely affect the maneuverability of the vehicle.

- ABS works by comparing wheel speed. When replacing a tire, use a tire of the same size as the original tire. The size and structure of the tire affect wheel speed and may lead to uncoordinated system operation.
- If the wheel needs to be replaced, ensure that the specifications of the new wheel match those of the original wheel. New wheels are available for purchase at BYD authorized dealer or service providers. Please consult a BYD authorized dealer or service provider before replacing the wheels.

WARNING

- Please observe the following precautions to ensure proper vehicle maneuverability and control.
  - Do not mix radial tires, bias belted tires, or diagonal ply tires on the vehicle.
  - Do not use tires with dimensions other than those recommended by the manufacturer.

Fuses

All vehicle circuits are provided with fuses to prevent short circuit or overloading.

- The under-hood PDB is located beside the left fender of the engine compartment.
  - Remove the upper cover of the front compartment fuse box, and turn over it to view the fuse box label.
- The dashboard PDB is located in the shield under the dashboard.
- The positive terminal fuse box is located beneath driver seat on top of the low-voltage battery.

REMINDER

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

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

07 WHEN FAULTS OCCUR

When Faults Occur.....188

When Faults Occur

Reflective Vest

- The reflective vest is fixed on the trunk lid.
- In case of emergency, always wear the reflective vest properly before you check for faults or handle accidents to ensure your safety.

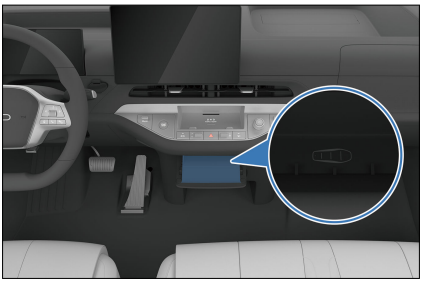
If Smart Key Battery Is Exhausted

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

CAUTION

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

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



Emergency Shutdown System

- The emergency shutdown system is activated and the high-voltage system is automatically shut down when the following conditions are met:
  - The airbags do not deploy after a frontal collision.
  - There is a rear collision.
  - The vehicle system is faulty.
- The OK indicator goes off if any of the above situations occurs.
- Activating the emergency shutdown system in the noted types of collision minimizes the risk of injuries or accidents.
- The vehicle system cannot be switched into the OK status once the emergency shutdown system is activated. In that case, it is recommended to contact a BYD authorized dealer or service provider for help. The system is turned off immediately even if the ignition is switched on. Contact a BYD authorized

dealer or service provider as soon as possible.

Vehicle Fire Rescue

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

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

CAUTION

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

Battery Leakage Rescue

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

1. Switch the ignition off, and disconnect the low-voltage battery if conditions permit.
2. Call a BYD authorized dealer or service provider and the fire brigade, informing them that the vehicle is equipped with a high-voltage battery pack, and wait for rescue.

If a Collision Occurs

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

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

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

WARNING

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

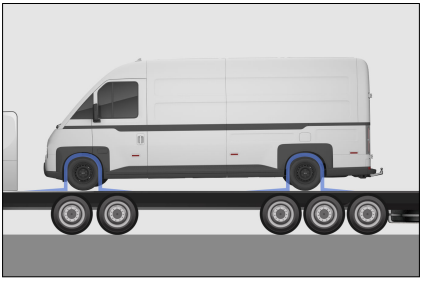
If the vehicle needs towing, it is recommended to contact a BYD authorized dealer or service provider, a professional towing service, or the organization you joined for roadside assistance.

CAUTION

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

Recommended towing method:

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



REMINDER

- When moving a vehicle with a flatbed trailer, make sure that the vehicle is properly secured to prevent it from sliding back.
- It is recommended to use professional tie-down straps and tensioners, and employ the over-the-wheel method to secure the vehicle.
- When fixing the vehicle, avoid routing tie-down straps, ropes, or other securing devices through the wheels or attaching them to the chassis, suspension, or any

REMINDER

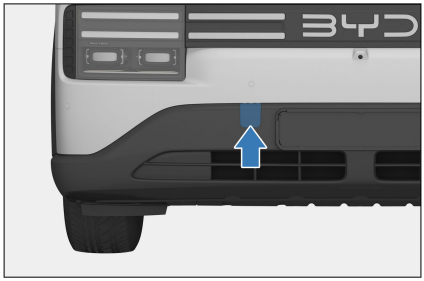
other part of the vehicle body to prevent damage.

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

Tow Eye

The tow eye cover is at the upper right corner of the front grille, as shown in the figure.

1. Press down on the lower part of the tow eye cover, then pull it outward.
2. Install the tow eye in the tow eye opening.



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

WARNING

- Never rescue a stuck or high-centered vehicle with tow eyes. Call a professional rescue or the customer service number.
- If the steering or braking system of the towed vehicle fails, contact a professional rescue or call the customer service number. Do not tow the vehicle directly.
- Do not tow the vehicle from the rear with four wheels staying on the ground, to avoid damage to the vehicle.

If a Tire Goes Flat

- Maintain the lane position and gradually slow down the vehicle. Drive

the vehicle off the busy road to a safe place.

- Park on solid, flat ground and avoid motorway forks.
- Please refer to the followings to operate when parking:

1. Depress the brake pedal to stop the vehicle smoothly, and then press the "P" button and shift into Park. In such case, the Park gear indicator on the instrument cluster lights up.
2. Press START/STOP button.

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

CAUTION

- Do not continue driving with a flat tire. Even a short distance of driving with a flat tire can cause irreparable damage.

In-Vehicle Tools

- In-vehicle tools include triangular warning sign, reflective vest, wheel wrench*, jack handle*, jack*, towing hook, tool storage bag, tire repair kit, and other accessories.
- In-vehicle tools are stored in the following locations:
  - The reflective vest and the warning triangleis fixed on the trunk lid.
  - The wheel wrench*, jack handle*, and towing hook are stored in the tool storage bag.
  - The tool storage bag is stored in the driver’ s side door storage compartment.
  - The jack* is stored on the jack mount located at the rear side of the driver’ s seat or in the storage compartment on the right side of the front passenger seat.
  - The tire repair kit is stored in the front passenger door storage compartment or in the storage compartment on the right side of the front passenger seat.

REMINDER

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

Placing the Warning Triangle

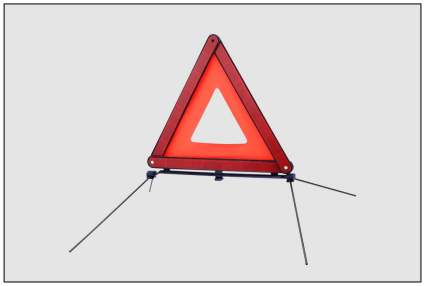
REMINDER

- When parking for repair on public roads, remember to place the red triangle side facing oncoming vehicles, 100–200 meters away from the vehicle, to warn them to avoid danger (f this distance does not comply with applicable local regulations, the local regulations shall prevail). After the repair, put the warning triangle back for future use.

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

How to use the warning triangle:

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



Using Tire Repair Kit

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

WARNING

- The tire repair kit is only suitable for minor damages of tires. If a wheel is damaged, tire puncture sealant kit is prohibited.
- Tire sealant is highly flammable and harmful to health. Take necessary precautions to prevent fire and avoid contact with skin, eyes, and clothing; keep away from children; and do not inhale its vapor.

In case of contact with tire sealant:

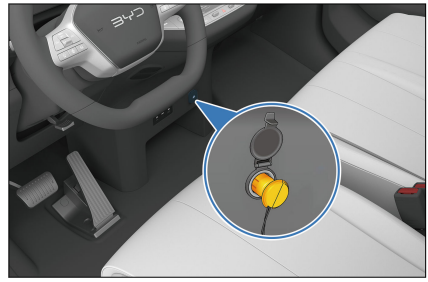
- If tire sealant comes into contact with the skin or gets into the eyes, thoroughly flush the affected body part immediately with plenty of clean water.
- Change contaminated clothing immediately.
- In case of an allergic reaction, seek medical attention immediately.

WARNING

- If tire sealant is ingested by accident, rinse mouth thoroughly and drink plenty of water immediately. Do not induce vomiting, and seek medical attention immediately.

How to use the tire repair device

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



REMINDER

- Make sure the inflator switch is off before plugging into the 12V socket in the vehicle.
- The inflator can only be turned on for up to 30 minutes.

- Observe the tire pressure reading on the inflator.
  - If the tire pressure does not reach 350 kPa (3.5 bar) within five minutes, turn off the inflator. You are recommended to contact a BYD authorized dealer or service provider.

- When inflating the tires, the front tire pressure should be between 360~380 kPa (3.6~3.8 bar), and the rear tire pressure between 460~480 kPa (4.6~4.8 bar). Please remove the kit as soon as possible and drive at a speed below 80 km/h for no more than 10 km within 1 minute to allow the tire sealant to distribute evenly inside the tire.

- Stop to check the repaired tire and the tire pressure reading on the inflator.
  - If the front tire pressure exceeds 330 kPa (3.3 bar) and the rear tire pressure exceeds 430 kPa (4.3 bar), please drive to the nearest service station at a speed below 80 km/h.
  - If the front tire pressure is between 250~330 kPa (2.5~3.3 bar) and the rear tire pressure is between 350~430 kPa (3.5~4.3 bar), please repeat the operation to fill the tire with tire sealant and observe the inflation pump pressure gauge reading.
  - If the front tire pressure hasn't reached 250 kPa (2.5 bar) and the rear tire pressure hasn't reached 350 kPa (3.5 bar), it is recommended that you contact a BYD authorized dealer or service provider.

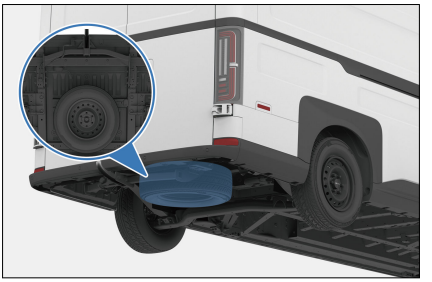
REMINDER

- Using tire repair kit on damaged tires is only an emergency solution. Please change the tires at a professional repair center as soon as possible. It is recommended that you contact a BYD authorized dealer or service provider and inform the maintenance technician that tire sealant has been used.
- After repairing a tire with the tire repair device, it is recommended to purchase new tire sealant and inflation hoses at a BYD authorized dealer or service provider.
- Avoid hard acceleration and high-speed turns.
- Do not exceed the 80 km/h maximum speed limit and replace flat tires as soon as possible. Do not drive further if the vehicle experiences strong vibration, unstable performance, or noise.
- Please avoid bumping or squeezing the tire sealant to ensure the stable performance of the product.
- When the tire sealant is close to the shelf life marked on the product package, or after being bumped or squeezed, it is recommended to replace the tire sealant with a new one.

Using the Spare Tire

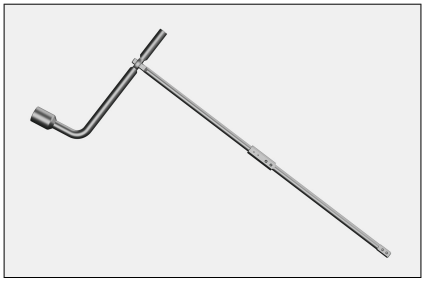
Spare Tire Positions

- The spare tire is located below the crossbar under the rear of the vehicle body. Adjust the spare tire lifter with a jack rocker and wrench to lower the spare tire slowly, and then take it out.

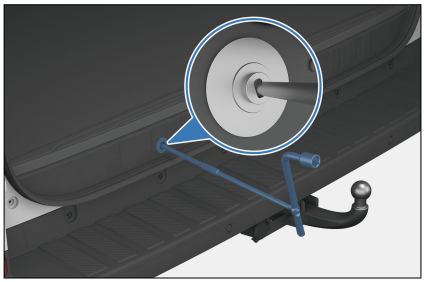


Taking out the spare tire

1. Take out the tool kit, assemble the two-section rocker, and insert the thicker end into the hole of the wrench.

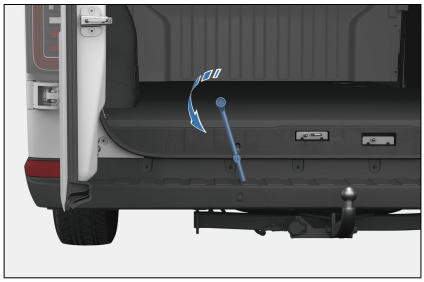


2. Insert the thinner end of the two-section rocker, through the rear panel of the left door on the rear step, then into the waist-shaped slot of the drive shaft.



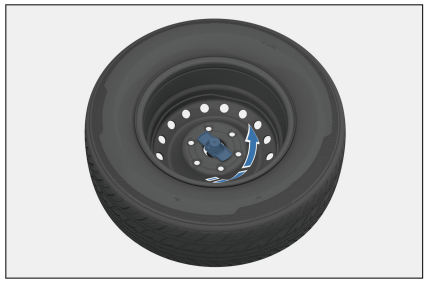
3. Rotate the rocker counterclockwise manually to lower the spare tire down.

4. After the spare tire falls to the ground, continue to rotate the rocker counterclockwise until the action cannot be performed, indicating that the wire rope is fully released.



5. Remove the tray of the spare tire from the spare wheel hub.

6. Take out the spare tire.



Store the spare tire

1. Put the flat tire at the place where the spare tire is removed, and tilt the bottom part of the spare tire tray and carefully insert it through the center of the wheel hub.

2. Rotate the rocker clockwise manually to lift the flat tire until two clicks are heard or the second release of force is felt, indicating that the flat tire is stored properly.

REMINDER

- When the spare tire lifter is in an unloaded state, lowering the spare tire tray may pose a risk of wire rope entanglement. To avoid this problem, ensure that the spare tire tray is pulled downward every 6 full rotations of the drive shaft.

Putting on the Spare Tire

Wedging the wheel

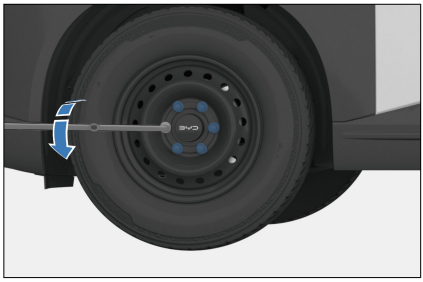
1. Wedge the tire diagonally against the flat tire to prevent the vehicle from rolling.

- To do so, place the wedges in front of the front wheels or behind rear wheels.



Loosening lug nuts

2. Before jacking up the vehicle, turn all lug nuts of the flat tire counterclockwise with the the rocker wrench (in the in-vehicle tool bag) to loosen them.



WARNING

- Do not apply motor oil or lubricant on bolts or nuts. Otherwise, loose nuts would cause the wheel to come off, causing serious accidents.

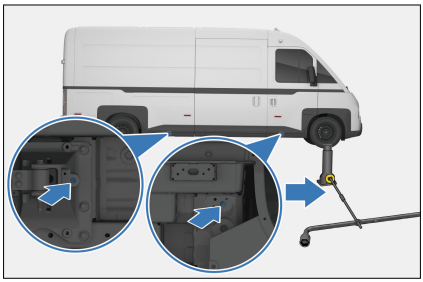
REMINDER

- Hold the end of the wrench and pull it up. Be sure not to let the wrench slide off the nut.
- Do not remove the nut, and just loosen it by one to two turns.

Positioning the jack

3. Place the jack at a proper jacking point as shown in the picture.

- Ensure that the jack is placed on a flat and solid ground.



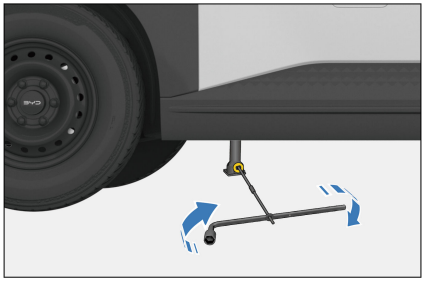
WARNING

- Observe the following rules to reduce the risk of injuries when jacking up the vehicle:
  - Do not have any part of your body under the vehicle supported by a jack. Otherwise, personal injury may be caused.
  - Do not power on the vehicle when it is being jacked up.
  - Park the vehicle on a flat and solid ground, press the P button and shift into Neutral. If needed, secure the vehicle by wedging the tire diagonally against the flat tire.
  - Ensure that the jack is placed at the correct jacking point. Jacking up the vehicle at an incorrect jack point will damage the vehicle or tip the vehicle off the jack, causing personal injuries.

Jacking up the vehicle

4. After confirming that no one is in the vehicle, jack up the vehicle to a height allowing for spare tire installation.

- Installing a spare tire requires more distance from the ground than removing a deflated one.



- When lifting the vehicle, insert the jack rocker into the jack (for loose coupling) and rotate it clockwise.
- When the jack is in contact with the vehicle and begins to lift the vehicle, verify again that the jack is in the correct position.

WARNING

- Never get under a vehicle supported only by a jack.

Replacing the tire

5. Remove wheel nuts, replace the tire, and place the replaced tire aside. Roll the spare tire to the mounting position, and align the bolts with the wheel holes. Lift the spare tire until the top bolt goes through the lug hole.

- Rotate the tire and push it in until all other bolts pass through the holes.
- Before installing the wheel, remove corrosion from the mounting surface with a wire brush or the like.

CAUTION

- When you install a tire, ensure that the mounting position is contacted well, otherwise loose lug nuts will cause the tire to come off during driving.

Reinstalling lug nuts

6. Reinstall all lug nuts.

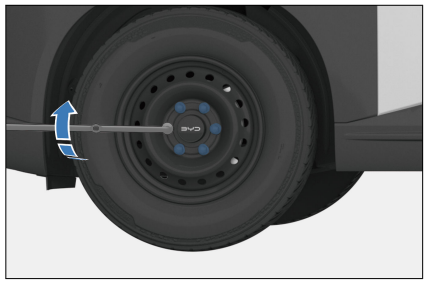
- When reinstalling lug nuts, tighten them by hand to the greatest extent, then push the wheel backward and tighten the lug nuts further.

WARNING

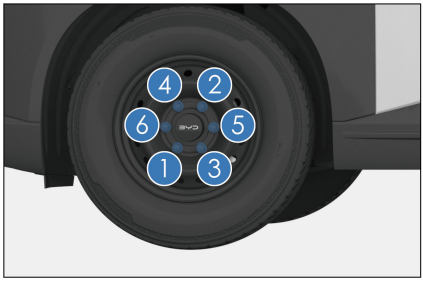
- Do not apply engine oil or lubricant on bolts or nuts, because this can over-tighten the nuts and thus damage the bolts. The loose nuts so caused would lead the wheels to come off, causing serious accidents.
- Engine oil or lubricant on the bolt or nuts must be removed.
- The conical surface of the nut should be inward. If the nut is installed reversely, it may cause serious accidents.

Lowering the vehicle

7. Turn the jack rocker counterclockwise to lower the vehicle, then tighten lug nuts clockwise.



8. Tighten the nuts in the sequence shown, each a bit a time. Repeat until all nuts are tightened.



CAUTION

- Before lowering the vehicle, make sure that no part of your body and no person in the vicinity of the vehicle will be injured by the vehicle's descent.
- Lug nuts must be torqued to 175 Nm after tire replacement. Otherwise, loose nuts would cause the wheel to come off, causing serious accidents.

REMINDER

- Tighten the nuts with a lug nut wrench. Do not use other tools or any lever other than your hands, such as hammers, tubes, or feet.
- Make sure the wrench is securely clamping around the nut.

After tire replacement

9. Check the pressure of the replaced tire.

- Adjust the tire pressure to the specification (370 kpa for front wheels and 470 kpa for rear wheels). If the pressure is lower than the specification, slowly drive to a nearby service station to inflate the tire to the correct pressure value.
- Be sure to mount the tire valve cap, otherwise dust and moisture will enter the valve stem and cause air leakage. If the valve cap is lost, use a new one as soon as possible.

10. Properly store all tools, the jack, and the flat tire.

- Use a torque wrench to tighten all lug nuts to the specified torque after the replacement.
- Have the flat tire repaired by a technician.

REMINDER

- Before driving, verify that all tools and flat tires are secured in the vehicle to reduce the possibility of personal injury in case of collision or emergency braking.
- When driving with full-size spare tires, abide by the maximum vehicle speed limit of 80 km/h.
- Do not use the spare tire for a long time. Go to a BYD authorized dealer or service provider for tire repair and replacement as soon as possible.

08 SPECIFICATIONS

Vehicle Data..... 200
Information..... 204
Declarations of Conformity..... 207

Vehicle Data

Vehicle Data

Dimensions

Item	Parameter
Length (mm)	6,995
Width (mm, excluding side mirrors)	2,096
Height (mm)	2,780
Wheelbase (mm)	4,550
Front track (mm)	1,800
Rear track (mm)	1,810
Front overhang (mm)	920
Rear overhang (mm)	1,525
Approach angle (°)	19
Departure angle (°)	11

Vehicle mass

Item	Parameter
Curb weight (kg)	2,920
Front axle load (kg)	1,587
Rear axle load (kg)	1,333
Maximum allowable total mass (kg)	4,250
Front axle load at maximum allowable total mass (kg)	1,972
Rear axle load at maximum allowable total mass (kg)	2,278
Number of occupants (persons)	1 or 3

Drive motor

Item	Parameter
Model	TZ210XYG
Type	Permanent magnet synchronous motor
Drive type	RWD
Rated power/speed/torque (kW/rpm/Nm)	80/4,021/190
Peak power/speed/torque (kW/rpm/Nm)	150/12,000/450

Vehicle power performance and economic efficiency

Item	Parameter
Max. design speed (km/h)	90
Max. gradeability (%)	33
Power consumption per 100 km under comprehensive working conditions (kWh/100 km)	26.8

High-voltage battery

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

Wheels and tires

Item	Parameter
Tire specification	235/65R16C; 121/119S
Tire pressure (kPa)	Front/Rear: 370/470
Spare tire specification	235/65R16C; 121/119S
Standard pressure of spare tire	575
Wheel dynamic balance requirement (g)	＜ 10 (one side)

Wheel alignment values (at curb weight)

Item	Parameter
Front camber (°)	-0.03±0.75
Total front wheel toe-in (°)	0.22±0.04

Item	Parameter
Kingpin inclination angle (°)	11.50±0.75
Kingpin caster angle (°)	5.81±0.75
Rear camber (°)	0.11±0.33
Total rear wheel toe-in (°)	0± 0.33

Braking system

Item	Parameter
Free stroke of brake pedal (mm)	1–5
Standard thickness of front brake disc (mm)	32
Minimum thickness of front brake disc (mm)	30
Standard thickness of rear brake disc (mm)	25
Minimum thickness of rear brake disc (mm)	23
Standard thickness of front friction plate (mm)	11.5
Minimum thickness of front friction plate (mm)	2
Standard thickness of rear friction plate (mm)	8
Minimum thickness of rear friction plate (mm)	2.5

Seats

Item		Parameter
Cushion depth (mm)	Driver's seat	450
	Front passenger's seat	450
Seat tilt	Driver's seat	0° (cushion tilt 10°)
	Front passenger's seat	0° (cushion tilt 10°)
Seat position (cushion depth measured)	Driver's seat	60-mm full travel of height adjustment, 40 mm upward and 20 mm downward from the design position (design position: seat at the farthest

Item		Parameter
		of slide rail, seatback at 20° torso angle)
	Front passenger's seat	Unadjustable front passenger's seat, with the same design position as the driver's seat
Seat height (cushion depth measured)	Driver's seat	40mm upward and 20mm downward from the design position
	Front passenger's seat	Unadjustable front passenger's seat, with the same design position as the driver's seat
Seatback angle	Driver's seat	Design position of 20° torso angle: 48°±6 Adjusting speed: 4± 1 °/s 15° forward, 33° backward
	Front passenger's seat	Unadjustable front passenger's seat, 20° torso angle

Recommended oil type and amount

Item	Parameter
Rear drive gear transmission oil type	BOT383
Rear drive gear transmission oil amount (L)	2.4±0.05L
Brake fluid type	HZY6/DOT4
Brake fluid amount (L)	1.2±0.2
Motor and motor controller coolant type	Ethylene glycol long-acting anti-rust antifreeze (-40°C freezing point)
Motor and motor controller coolant amount (L)	6.2±0.2

CAUTION

- The recommended oil types have been tested and approved by BYD. Using other oil types may

CAUTION

affect vehicle performance, and could result in malfunctions or component damage.

Information

Vehicle Identification

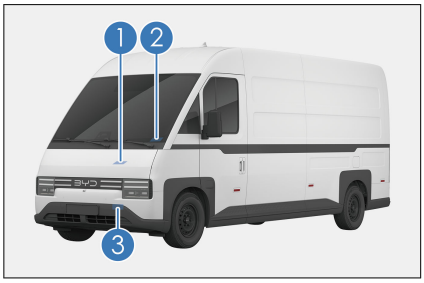
Vehicle Identification Number (VIN)

VIN attaching positions:

① On the left side of the front hood inner panel.

② Attached on the sheet metal groove in the lower left corner of the dashboard.

③ On the upper left part of the front bumper beam



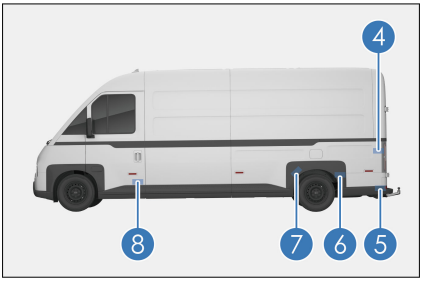
④ On the middle-left area of the trunk.

⑤ On the threshold of the left trunk.

⑥ On the right of the rear motor.

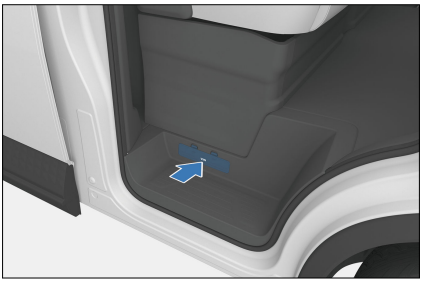
⑥ On the left rear wheel housing.

⑧ On the lower left corner of the front left door



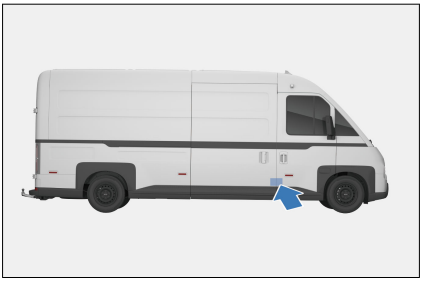
VIN engraving position:

The VIN is stamped on the right front door sill. After connecting the VDS, the VIN can also be found in the upper right corner of the screen for the corresponding model. For details, please refer to the VDS operation manual.



Vehicle Nameplate

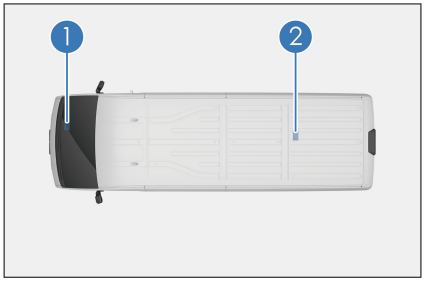
The vehicle nameplate is located on the lower part of the flat surface on the B-pillar of the right front door



Model and Serial Number of Drive Motor

① The model and serial number of drive motor are attached below the lock ring on the hood

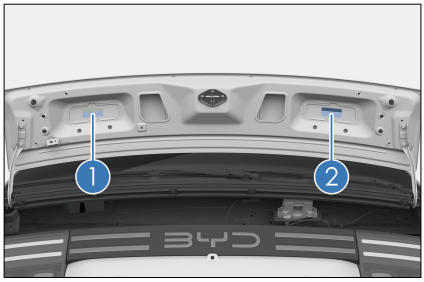
② The model and serial number of the drive motor are engraved on the drive motor housing.



Warning Labels

① Electronic fan and A/C system label

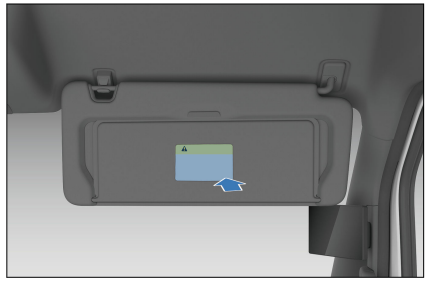
② Battery position label



The authorized agent information label within the EU is located on the lower part of the left B-pillar.



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



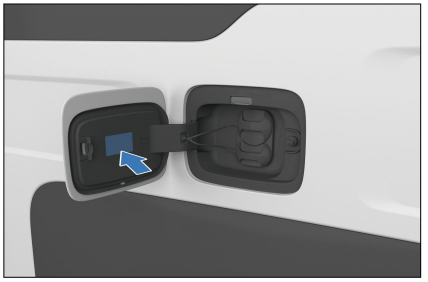
Side airbag warning labels are located below the left and right B-pillar lock rings.



The tire type and pressure label is attached on the lower part of the left B-pillar.



The charging warning label is attached on the inside of the charge port door.



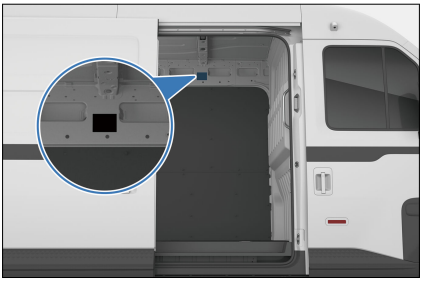
The reflective label is attached on the flat panel behind the sliding door.



The no-stepping label is attached on the lower hinge of the sliding door.



The tie-down ring label is attached on the upper front part of the left side inner panel.



Transponder Mounting

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



CAUTION

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

Declarations of Conformity

Declarations of Conformity

Radio Frequency Statement

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

Component Name	Frequency	Maximum Power
Tire pressure monitoring module	314.9MHz±25KHz	86dBμV/m±3dB
	315MHz±45KHz	-58~-52 dBm (3 meters radius)
	433.92MHz±44KHz	87dBμV/m±2dB
	433.92MHz±40KHz	-58~-52dBm (3 meters radius)
Interior detection antenna	125KHz±3KHz	10W
Smart Key	433.92MHz±60KHz	10dbm
High-frequency module	433.92MHz	0.48W
Inductive wireless phone charging module	127.7KHz±30KHz	50 W (one side)
ECALL GPS antenna	1575.42MHz±1.023MHz 1561.098MHz±2.046MHz	0.066W
ECALL 4G antenna	700～960MHz 1710～2690MHz	/
Bluetooth host	2400～2483.5MHz	20dBm
Four-in-one network communication antenna (4G)	700～960MHz 1710～2690MHz	/

Network communication host (4G)	850～1900MHz	23dBm
FM radio antenna amplifier	76～108MHz	1.2W
FM radio broadcasting host	87～108MHz	/
AM antenna amplifier	520～1710KHz	1.2W
AM host	520～1620KHz	0.5W
DAB antenna amplifier	170.928～239.2MHz	0.5W
DAB host	170～240MHz	/
Four-in-one antenna (GPS, 4G, WiFi/BT)	1575.42MHz±1.023MHz; 1561.098MHz±2.046MHz (GPS) 700～960MHz; 1710～2690MHz (4G)	0.066W
Exterior NFC device	13.56MHz	1W
Inside NFC device	13.56MHz	1.5W
Front mmWave radars	76.0GHz-77.0GHz	/
Rear mmWave radars	76.0GHz-77.0GHz	/

Smart Key Regulatory Label

	Uzbekistan Model: D1-92
	EU countries Model: D1-92
 13120-22-14807	Brazil Model: D1-92 This equipment is not entitled to protection against harmful interference and may not cause interference to duly authorized systems.
FCC ID: 2A5DHD1-315	The United States Model: D1-315

R 214-118832	Japan Model: D1-315

MmWave Radars Regulatory Label

CE	EU countries Certificate ID: T.2021.08.0001
R 214-118832	Japan Certificate ID: 219-210015
ANATEL 13120-22-14807	Brazil Certificate ID: 15210-21-03745 This equipment is not entitled to protection against harmful interference and may not cause interference to duly authorized systems.

Numerics

12V Auxiliary Power..... 163

A

A/C Control Panel, Speakers, Dashboard, Control Panel, and Switches..... 175
Access..... 46
Acoustic Vehicle Alerting System (AVAS)..... 136
Adaptive Cruise Control*..... 112
Adjusting Head Supports..... 50
Adjusting the Steering Wheel Manually*..... 55
Airbag Overview..... 15
Airbag Triggering Conditions and Precautions..... 17
Anti-lock Braking System (ABS)... 145
Anti-theft Alarm System*..... 21
Automatic Vehicle Hold (AVH)..... 108
Automatic Vehicle Monitoring (AVM) 137

B

Battery Leakage Rescue..... 189
Battery Properties..... 84
Battery Usage Tips..... 85
Blind Spot Assist (BSA)..... 128
Blind Spot Information System (BSIS) 130
Brake Fluid..... 180

C

Carpet..... 174
Carrying Luggage..... 98
Charge Port Immobilizer System... 81
Charging..... 71
Charging Precautions..... 67
Charging Safety Warnings..... 66
Coolant..... 180

D

Dashboard Cup Holder..... 159
Dashboard storage box..... 159
Data Collection and Processing..... 21
Declarations of Conformity..... 207
Direct Tire Pressure Monitoring... 135
Discharging..... 78
Discharging Equipment*..... 78
Disclosure of Personal Data to Authorities..... 22
Door Bins..... 158
Doors and Windows..... 175
Driver Monitoring Systems (DMS)*.... 133
Driver seat power adjustment..... 49
Driver seat USB ports..... 162
Driving Instructions..... 109
Driving Safety Systems..... 142
Drunk driving is strictly forbidden. 96

E

Electronic Parking Brake (EPB).... 105
Emergency Call (E-Call)*..... 63
Emergency Lane Keeping Assist (ELKA)*..... 127
Emergency Locking Retractor Function..... 12
Emergency Shutdown System..... 188
Emergency Unlocking of the Charge Port..... 82
Emergency Vehicle Locking with Mechanical Key..... 46

F

Fire Prevention..... 100
Front passenger seat cup holder. 159

G

Gear Shift Controls..... 104
General Charging Troubleshooting 70

Glove Box..... 158
Grab Handles..... 162

H

Hanger..... 162
Hazard Warning Light Switch..... 62
Heating and Ventilation System*... 49
High-Voltage Battery..... 84
Hood..... 178

I

If a Tire Goes Flat..... 191
If the Vehicle Needs Towing..... 190
Indicators/Warning Lights..... 27
Intelligent Cruise Control (ICC)*... 116
Intelligent High Beam Control (IHBC) 123
Intelligent Speed Limit Control (ISLC) 123
Interior Cleaning..... 174
Interior Light Switches..... 62
Interior Motion Sensing System * 134

K

Keeping the Vehicle Safe for Driving 96
Keys..... 40

L

Lane departure assist (LDA)..... 125
LCD Instrument Cluster..... 26
Leather..... 175
Light Switches..... 58
Loading the Pickup Bed..... 98
Locking/Unlocking the Tailgate..... 45
Locking/Unlocking with Central Locking..... 46
Locking/Unlocking with Mechanical Key..... 42
Locking/Unlocking/Finding the Vehicle with Smart Key..... 42
Low-Voltage Battery (12 V)..... 87

M

Maintenance Plan..... 168
Maintenance Plan Requirements. 168
Mid-mounted storage box..... 158
Mode Switches..... 62
Model and Serial Number of Drive Motor..... 205
Motor Vehicle Operations Information System (MOIS)..... 131

O

Opening with Interior Door Handle 42
Other Instrument Cluster Fault Prompts..... 35

P

Paint Maintenance Tips..... 172
Power Window Switches..... 60
Preparations Before Driving..... 104

R

Recycling the High-Voltage Battery 86
Regular Maintenance..... 171
Remote Start*..... 103

S

Safety Check before Driving..... 103
Saving Energy and Extending Vehicle Service Life..... 97
SD Card Slot..... 163
Seat Belt Maintenance..... 174

Seat Belt Overview..... 12
Seat Precautions..... 48
Seat Side Airbags..... 17
Self-Maintenance Precautions..... 176
Side Curtain Airbags*..... 17
Smart Charging..... 77
Snow Chains..... 111
Speed control..... 96
Start-up..... 46
Starting the Vehicle..... 102
Steering Assist Mode Settings..... 55
Steering Wheel Switches..... 52
Storage Box USB Port..... 163
Sun Visor..... 161
Switching on A/C with BYD App... 156

T

Tow Eye..... 191
Traffic Sign Recognition (TSR)..... 122
Trailer Towing..... 88
Transponder Mounting..... 206

U

Unlocking/Locking Doors with Microswitch..... 43
Using AC Charging Piles..... 75
Using DC Charging Piles*..... 76
Using Mode 2 Charging Cable*..... 71
Using Seat Belts..... 12
Using the Spare Tire..... 194

V

Vehicle AC Charge/Discharge and DC Charge Indicator..... 70
Vehicle Cleaning..... 173
Vehicle Corrosion Prevention..... 172
Vehicle Fire Rescue..... 189
Vehicle Identification Number (VIN) 204
Vehicle Nameplate..... 204
Vehicle Servicing..... 171
Vehicle Storage Precautions..... 178
Vehicle Use Suggestions..... 96

W

Wading into Water..... 99
Warning Labels..... 205
Warning Lights/Indicators Description..... 30
Window Control Switch on Passenger's Side..... 61
Windshield Washer..... 181
Winter Driving Precautions..... 110
Wiper Switch..... 56
Wireless Phone Charger..... 164

Abbreviations

缩略语

Terminology	Full Name	Terminology	Full Name
EDR	Event Data Recorder	ESC	Electronic Stability Controller
USB	Universal Serial Bus	AVM	Automatic Vehicle Monitoring
EV	Electric Vehicle	ECO	Ecology, Conservation, Optimization
VDC	Vehicle Dynamics Control	TCS	Traction Control System
HHC	Hill Hold Control	HBA	Hydraulic Brake Assist
CDP	Controlled Deceleration for Parking Brake	HDC	Hill Descent Control
CST	Comfort Parking	EBD	Electronic Brakeforce Distribution
VIN	Vehicle Identification Number	OTA	Over-the-Air
ABS	Anti-lock Braking System	ELR	Emergency Locking Retractor
E-Call	Emergency Call	SOC	State of Charge
EPB	Electronic Parking Brake	ACC	Adaptive Cruise Control
ICC	Intelligent Cruise Control	FCW	Forward Collision Warning
AEB	Automatic Emergency Braking	TSR	Traffic Sign Recognition
ISLC	Intelligent Speed Limit Control	IHBC	Intelligent High Beam Control
LDA	Lane Departure Assist	LDW	Lane Departure Warning
LDP	Lane Departure Prevention	ELKA	Emergent Lane Keeping Assist
EPS	Electrical Power Steering	BSA	Blind Spot Assist
BSD	Blind Spot Detection	RCTA	Rear Collision Traffic Alert
RCTB	Rear Cross Traffic Braking	DOW	Door Open Warning
DMS	Driver Monitoring System	AVAS	Acoustic Vehicle Alerting System
MAX	Maximum	MIN	Minimum

BUILD YOUR DREAMS

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