ETP3

OWNER'S MANUAL



Preface

Thank you for choosing a BYD vehicle. Please read through this manual carefully to ensure proper use and maintenance of the vehicle. Should you have any further questions regarding contents of this manual, please contact a BYD authorized dealer or service provider for help.

As the vehicle has a complex electrical circuit configuration, please consult a BYD authorized dealer or service provider if you consider any modification, addition or part change is necessary, and comply with applicable technical specifications and operation requirements. Please use BYD's genuine spare parts, and use, maintain and repair the vehicle properly as per the Owner's manual; otherwise, the vehicle damage or failure caused therefrom is not covered by the warranty. It is recommended that spontaneous combustion loss insurance and robbery and theft insurance be maintained for your vehicle to prevent loss due to any accident of the vehicle. Furthermore, do not leave valuables in the vehicle to better protect your vehicle and prevent losses.

We reserve the right to revise any technical specifications and contents in this manual, as well as the right to change the status of spare parts without any prior notice.

All notices marked as "NOTE", "CAUTION", and "WARNING" in this manual must be followed to avoid possible injuries or damages.

NOTE

Matters that must be observed for maintenance.

CAUTION

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

WARNING

Matters that must be observed for personal safety.

Symbols used in the illustrations:

Symbol	Description
	Indicates the action of operating switches and other devices (pressing, turning, etc.), without continuous action.
	Indicates the action of operating switches and other devices (pressing, turning, etc.), with continuous action.
	Indicates the position of a switch or any other device.
	Means "Prohibited", "Prohibited to do so" or "This occurrence is prohibited".
	Indicates the position of a component (A/B/C, etc.).
	Indicates the position where some actions are carried out (1/2/3, etc.).

This manual is intended to help you use the vehicle properly and does not represent any description of its configuration. For the configuration, please refer to the corresponding contract (if any) or consult your BYD authorized dealer or service provider. Illustrations in this manual are for reference only. The actual vehicle may vary.

For high-voltage battery recycling points, please visit

https://www.byd.com/cn/socialresponsibility/batteryrecycle.html

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Overview of BYD Vehicle

As a pure electric vehicle featuring new energy and new power, this vehicle is an environment-friendly product developed by BYD with great efforts. The high-voltage battery pack is organically integrated with the integral body to fully ensure the safety of the battery and the vehicle.

The vehicle runs in pure electric mode with very low noise both inside and outside to provide driving and riding comfort unrivalled by fuel powered vehicles.

The high-voltage battery has been tested for high temperature, high voltage and impact, and exhibits excellent safety performance.

In the process of vehicle design, the safety of high-voltage system and traditional fuel vehicle is fully considered, so as to protect occupants during collision.

The battery management unit monitors the high-voltage battery at all times and adjusts the external outputs of the battery according to various performance indicators such as voltage and current of each cell, so as to prevent a series of problems affecting the battery performance such as overcharge, overdischarge and overtemperature, thus ensuring that the battery always operates normally.

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3	Operation of Controllers	Opening and closing of doors and windows, adjustment before driving and others
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5	Infotainment System	Operation of the audio system and display system
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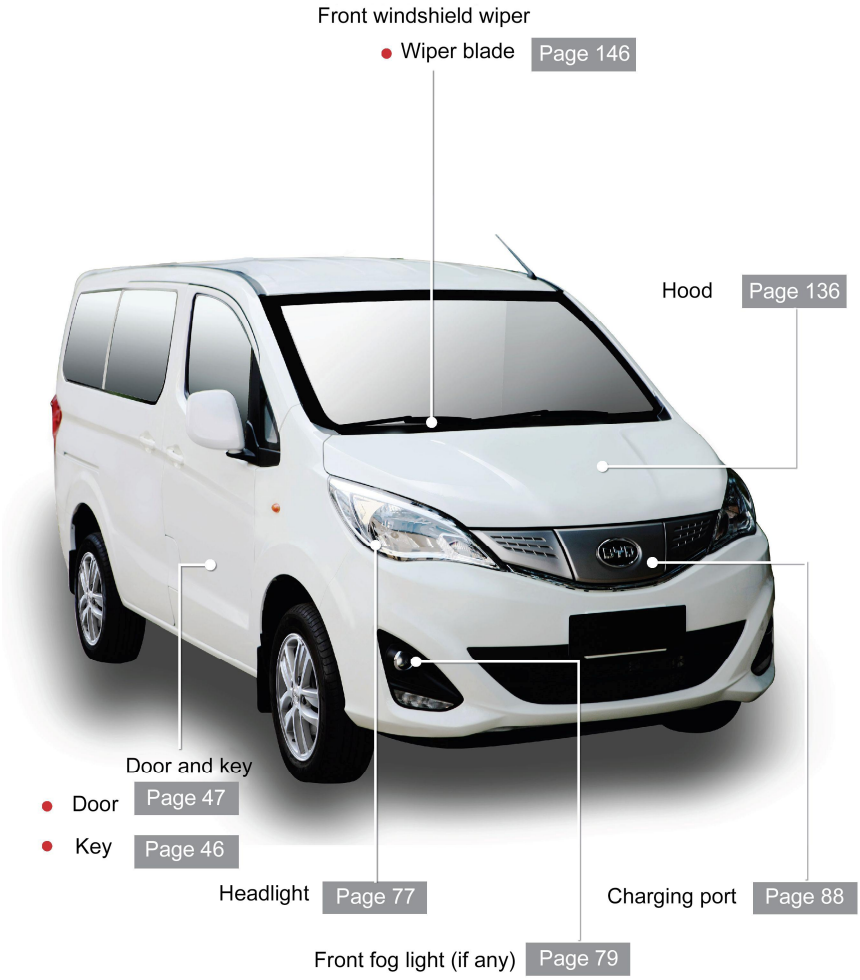
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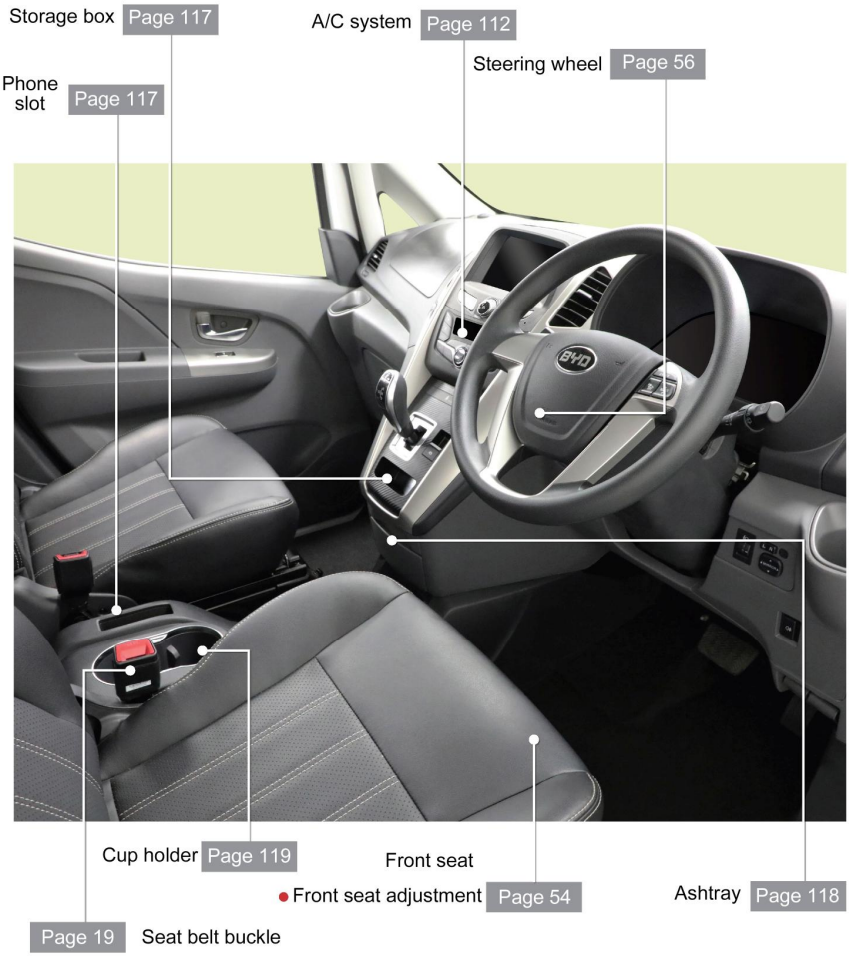
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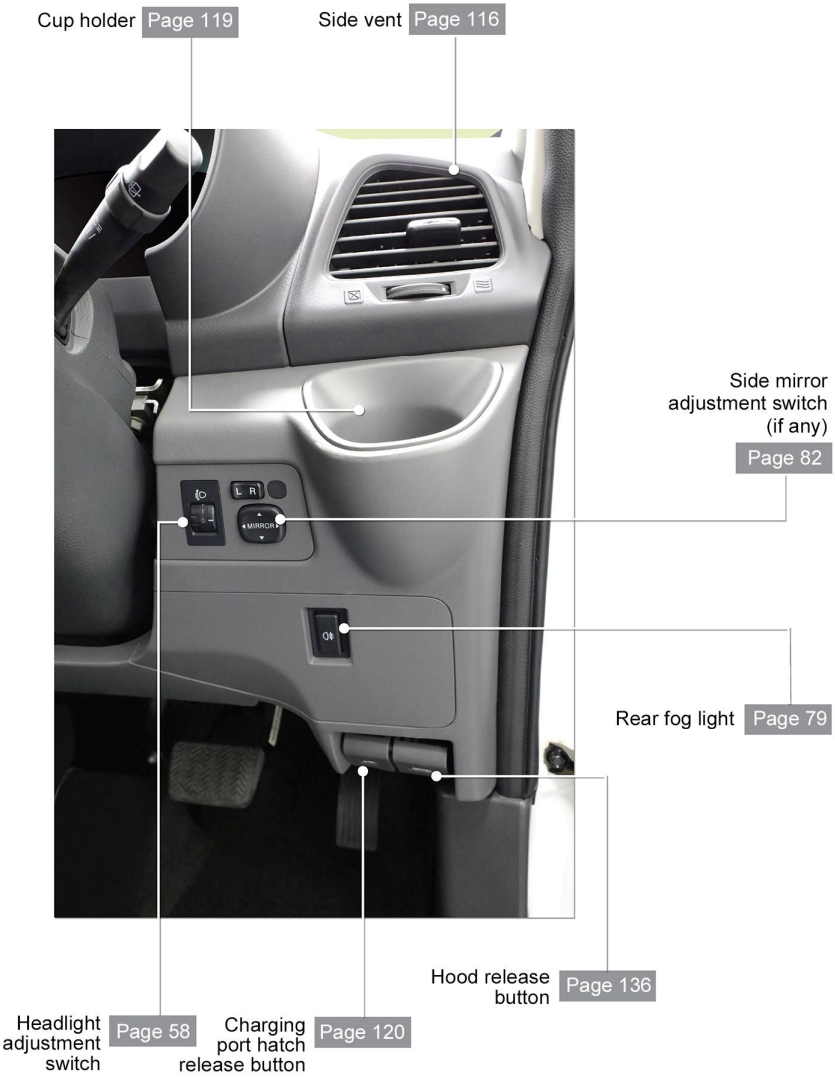




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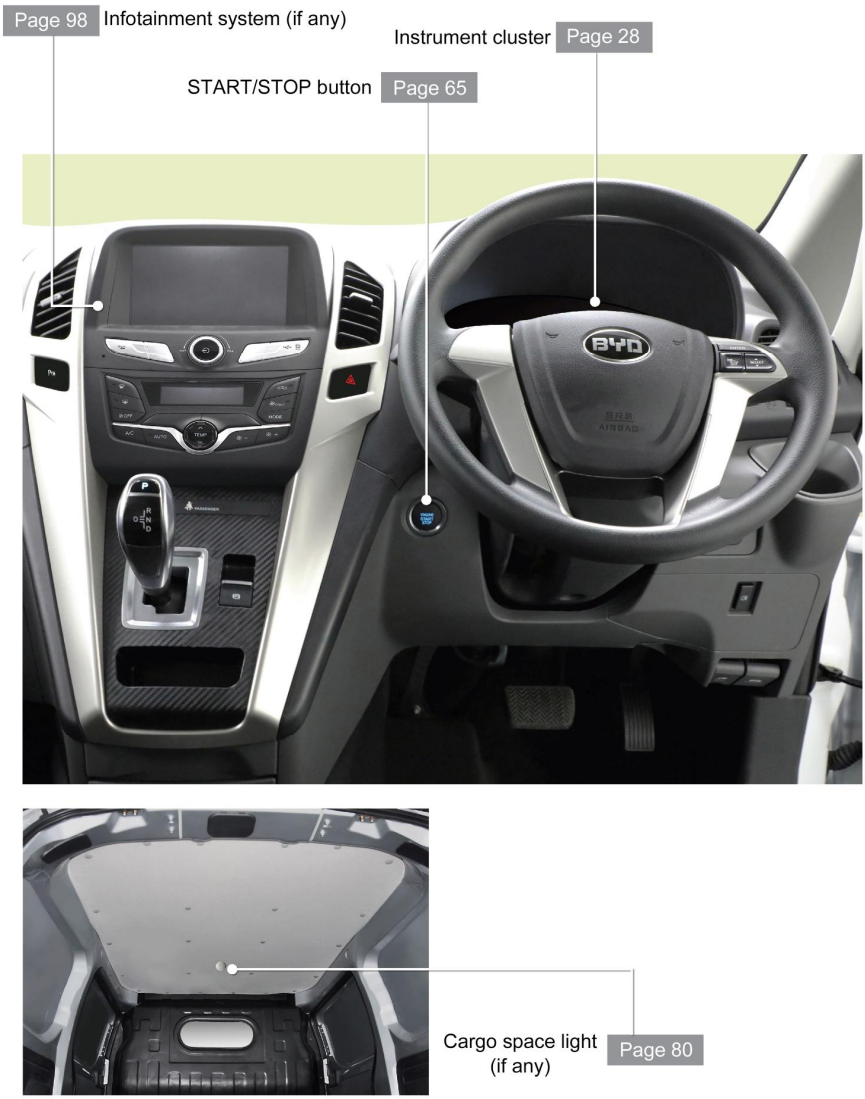
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Seat Belts

Introduction

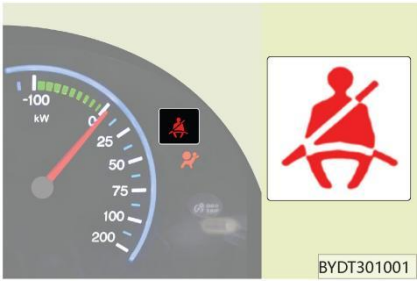
Studies show that proper use of seat belts can considerably reduce casualties in emergency braking, abrupt steering or collision accident. Please read and strictly observe the following contents:

- Ensure that all occupants adjust the shoulder belt of the three-point seat belt to a proper position based on their body size. The length of the seat belt will adapt to the body size and seat position of the occupant.
- Be sure to keep the lap belt as low as possible over the hips and not on the waist, and then adjust it to a snug fit by pulling the shoulder belt upward through the latch plate.
- If the seat belt cannot retract smoothly, pull it out and check for kinks or twists. If any, contact a BYD authorized dealer or service provider for inspection.

Seat Belt Reminder Light and Buzzer

Once the vehicle is started, if the driver's or passenger's seat belt is not fastened, the reminder light flashes and buzzer sounds until the seat belt is fastened.

- Driver's or passenger's seat belt reminder light



- Front passenger's seat belt reminder light (if any)



- Unfastened seat belt position display (if any)
  - If a seat belt is not fastened, the indicator of the corresponding position on the instrument panel lights up (the position display shall be subject to the real vehicle configuration), and stays on if the vehicle appears.



WARNING

- Before driving, make sure that all occupants in the vehicle have properly fastened their seat belts. Otherwise, they are at a higher risk of severe personal injury or life threat during emergency braking or a collision accident.
- The seat belts on the vehicle are mainly designed according to the body size of adults, and are not suitable for children. Please select an appropriate child restraint system depending on the age and body size of the child.

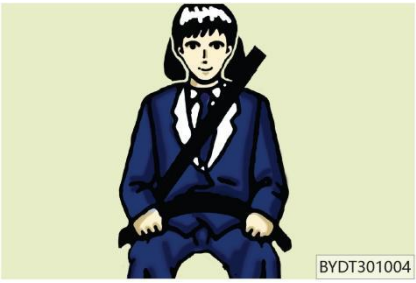
WARNING

- In case any seat belt is damaged or abnormal, immediately contact a BYD authorized dealer or service provider for confirmation and handling. Do not use the corresponding seat before such confirmation and handling.

Seat Belt Use Method

Fastening Seat Belts

1. Adjust the seat to a proper position and the backrest to a proper angle (refer to 3-2 for seat adjustment method).
2. Pull out the belt webbing smoothly across the shoulder near the point where the webbing is pulled out and then across the chest diagonally. The webbing should not be placed under the arm or behind the neck. For optimal protection, the webbing should be positioned across the center of the shoulder. It should be away from the neck and should not slip off the shoulder.



3. Insert the tongue into the buckle until a click is heard. Pull the tongue in the opposite direction to confirm that it has been locked successfully. Note that the webbing should not be twisted.



NOTE

- The shoulder belt should be positioned across the center of the shoulder. It should be away from the neck and should not slip off the shoulder. Otherwise, it cannot function well in the event of emergency braking or accident, and may even cause severe injury.
- The lap belt shall cross the hip as low as possible to avoid injury to passengers due to tightening of the belt in the event of an accident.
- The seat belt webbing should be fitted tight to the body for better protection.

Releasing Seat Belts

Press the red release button on the buckle to eject the tongue and allow the webbing to retract automatically.



CAUTION

- Use the seat belt for only one person at a time. In any case, do not use a single seat belt for two or more persons.
- Avoid tilting a backrest excessively. The seat belt provides the maximum protection when the seat backrest is upright.
- Make sure that no seat belt webbing, tongue or buckle gets caught in a door; otherwise, the seat belt may be damaged.
- Inspect the seat belt periodically for cuts, fraying, and loose parts. In case of any abnormality, contact a BYD authorized dealer or service provider for confirmation and handling. Do not use the corresponding seat before such confirmation and handling.
- Do not remove, disassemble or modify the seat belts without authorization.
- After an accident, contact a BYD authorized dealer or service provider for inspection of seat belts. If the pre-tensioner function of a seat belt has been activated, be sure to replace the seat belt.
- In the event of a serious accident, replace the seat belt together with the seat assembly even if damage is not obvious.
- Each seat belt can only be replaced with an approved one.
- Pregnant women should also fasten the seat belt as correctly as other passengers, especially making sure the lap belt crosses the hip as low as possible to avoid serious injury to the pregnant woman and the fetus due to the tightening of the belt in the event of an accident.

CAUTION

- For normal functioning of the seat belts, please ensure that the tongue is inserted into the corresponding buckle during use. The driver should remind passengers to properly fasten seat belts.

Airbag System

Introduction

- The airbag system, a part of the supplemental restraint system (SRS), is designed to supplement the seat belts. When deployment conditions are met in a serious collision accident, the airbags deploy quickly to protect heads and chests of driver and passengers together with seat belts, thus reducing casualties.
- This vehicle is equipped with a frontal airbag system consisting of a driver airbag and a front passenger airbag (if any).

CAUTION

- Please always fasten the seat belt during driving.
- Keep a proper sitting posture, so that the seat belt and airbag system can provide maximum protection.
- Never seat a child in the front passenger seat.
- Do not remove or install airbag components without permission.

Notices for Use of Airbag

- The airbag is developed for the specified vehicle model. Any change to the suspension, tire size, bumper, chassis and genuine equipment adversely affects the airbag. Do not fit any component of the airbag to other models; otherwise, the airbag may fail and cause personal injury.
- It is very important for the driver to keep a distance of at least 25 cm between the chest and the steering wheel, so as to provide the most effective protection for the driver when the airbag deploys. That is to say, it's necessary to adjust the front seat and the headrest according to the body size of each driver, and the driver's arms are only slightly bent and stretch nearly straight.
- Do not attach any objects to the surface of the steering wheel trim cover or front passenger airbag trim cover, or cover it with any objects; and do not make any other decorative treatment at such places. These two places shall be cleaned only with dry or slightly wet rags, and it is prohibited to knock at such places violently.
- No objects are allowed within the deployment scope of the driver airbag and front passenger airbag, and accessories such as cell phone holders, cups and ashtrays are prohibited to be attached on the airbag trim covers or within the deployment scope of airbags. Otherwise, the risk of injury will be aggravated when an airbag deploys.
- Never let a child ride on the front passenger seat, and do not let an elderly/pregnant woman ride on this seat as much as possible. It is suggested that pregnant women should ride as instructed by the physician. The lap belt shall be fastened properly. Otherwise, serious personal injury may be caused due to the deployment of airbags.
- All components of the airbag system, including corresponding labels, are not allowed to be modified.
- It is recommended that any repair of the airbag system, including the system component removal and installation required for repairing other parts, should be performed by a BYD authorized dealer or service provider.
- The airbag must be replaced preferably by a BYD authorized dealer or service provider within 10 years since the date of manufacture (that indicated on the vehicle certificate of conformity). If any airbag component is replaced within this period, please keep all airbag system replacement records. Please hand over relevant materials to the next owner when transferring the vehicle.
- When scrapping components of the vehicle or airbag system, please follow relevant safety regulations and scrapping procedures.
- The airbag has a strong immunity to electromagnetic interference around it. However, to avoid accidents, please do not use the vehicle in an electromagnetic environment that exceeds the national allowable range.
- Do not touch relevant components after airbag deployment, because they may cause scald or bodily discomfort.
- Failure of the airbag to deploy does not mean that there is a problem with the airbag. Improper repair or use of damaged parts will affect the normal operation of the airbag.
- Airbags can only provide accident protection one time. Once an airbag is damaged or deployed, the system must be replaced.
- BYD will not be liable for any direct and indirect loss in respect of any damage caused by failure to follow the above instructions.

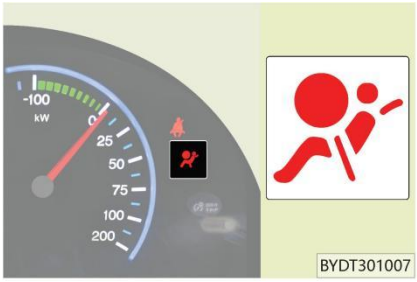
Deployment Conditions of Airbag System

- Deployment conditions:
  - Triggering of the airbag depends on some decisive factors relevant to the collision intensity, type of accident, collision angle, obstacle and vehicle speed when a collision accident occurs;
  - In case of a special collision accident, the airbag system may be triggered.
- Decisive factors for airbag system deployment

  During a collision, a comprehensive and intelligent comparison is made between the acceleration curve obtained by the electronic control unit (ECU) and the set value. If the signal such as the acceleration curve generated and measured during the collision is below the preset reference value in the ECU, airbags do not deploy, even if the vehicle may have been severely deformed in the accident.
- The airbag system is not designed to be triggered in every accident. In case of a minor frontal collision, rear-end collision or roll-over, the airbag system will not be triggered generally. In such cases, the driver and passengers are protected by fastening seat belts properly.
- The ECU of BYD's airbag system has been set up with full consideration of some common misoperations and road conditions. However, because the causes and conditions of collision accidents are random, please strictly follow this manual and use the vehicle properly to avoid misoperation; otherwise, there is no guarantee that the airbag system provides the desired effect.

Airbag Warning Light

- The airbag system is governed by the ECU and has a self-diagnosis function. Its status is displayed by the warning light on the instrument cluster.
  - After the vehicle power mode is switched to OK, the airbag warning light lights up for about 5s and then goes off and remains off for over 5s, indicating that the system is normal.



  - If the airbag system has been deactivated by a BYD authorized dealer or service provider, the warning light will work as described above, but the protection function will no longer be active.

WARNING

- In case of water ingression into the vehicle (e.g. wet carpet/vehicle immersed in water) or vehicle damaged to any extent due to water ingression, do not start the vehicle; otherwise, the airbag may deploy, causing severe injury or even life threat.

Driver Airbag and Front Passenger Airbag (If Any)

If your vehicle is equipped with driver airbag and front passenger airbag (if any), when the airbag system ECU detects a medium to severe frontal collision while driving and the airbag triggering conditions are met, the airbags deploy to assist in protecting the heads and chests of the driver and the front passenger to reduce the severity of injury. Contact a BYD authorized dealer or service provider, if:

- The airbag cover (bright part in the figure) has been scratched, cracked, or otherwise damaged;



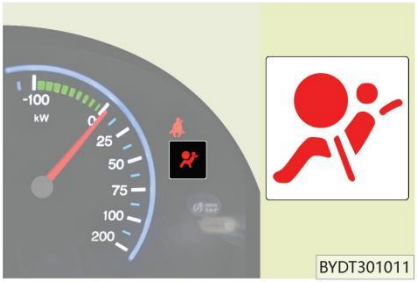
- The airbag has been inflated;



- A collision at the front part (red shaded part in the figure) of the vehicle has not caused the airbag to deploy; or



- The airbag indicator on the instrument cluster lights up abnormally.

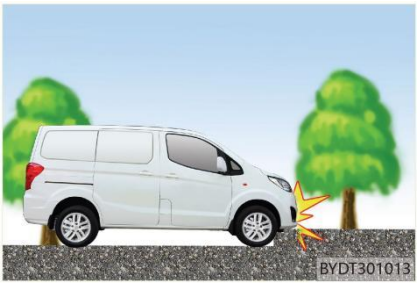


Airbags May Deploy If:

- The front end of the vehicle hits the ground when the vehicle passes over a deep pit;



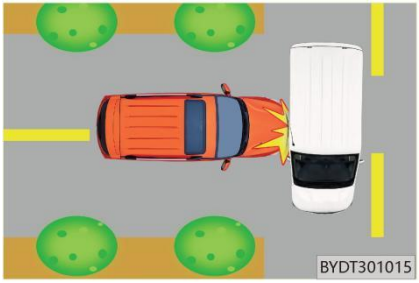
- The vehicle hits a curbstone or other curb projections;



- The front end of the vehicle hits the ground when the vehicle is going downhill; or



- The vehicle suffers a lateral collision by another vehicle.

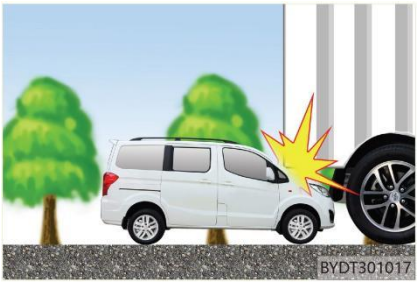


Airbags May Not Deploy If:

- The vehicle hits a utility pole, tree or any other slender object;



- The vehicle goes under a truck or a van;



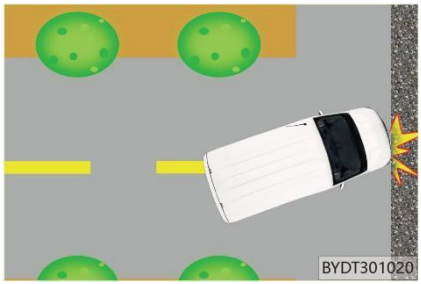
- The vehicle suffers a rear-end collision by another vehicle;



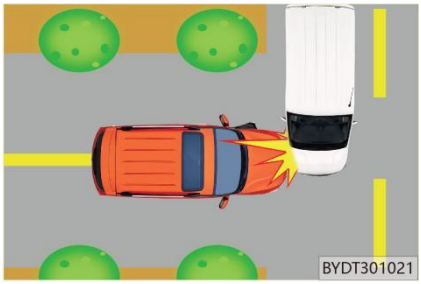
- The vehicle rolls over;



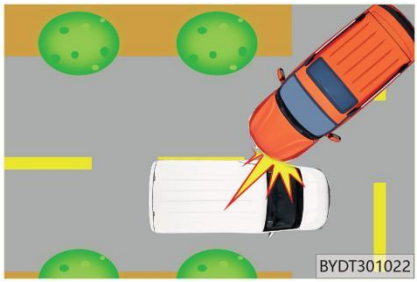
- The vehicle hits a wall or vehicle on the positions other than the front end;



- A part other than the cabin of the vehicle suffers a lateral collision;



- One side of the vehicle suffers an oblique collision; or



- One side of the vehicle hits a columnar object.



Event Data Recorder

Event Data Recorder

This vehicle is equipped with an event data recorder (EDR), which is used to record the key data of vehicle operation before, during, and after a collision. The detailed data is as follows:

Data Name	Meaning	Purpose
Delta-V, longitudinal	It is the change in longitudinal speed of the vehicle. Longitudinal delta-V is only the longitudinal component of the total delta-V.	Analyze the speed change in the forward direction of the vehicle at adjacent time points before and after the collision event.
Maximum recorded delta-V, longitudinal	It is the maximum cumulative change in vehicle speed in X-axis direction recorded by the EDR. This data shall be used in conjunction with the "time, maximum recorded delta-V, longitudinal".	Analyze the maximum speed change in the forward direction of the vehicle before and after the collision event.
Time, maximum recorded delta-V, longitudinal	It is the elapsed time, from the time zero to the maximum cumulative change in vehicle speed, in the X-axis direction recorded by the EDR. This data shall be used in conjunction with the "maximum recorded delta-V, longitudinal".	Analyze the time corresponding to the maximum speed change in the forward direction when a collision event occurs.
Service brake, on/off	It is used to detect whether the driver presses the brake pedal.	Analyze whether the driver presses the brake pedal when the collision occurs.
Vehicle speed	It is the wheel-side linear speed or the speed obtained by other means.	Analyze the running speed of the vehicle at the time of the collision event.
Vehicle identification number (VIN)	A set of character codes assigned by the vehicle manufacturer to identify a certain vehicle.	Confirm whether the data recorded by the EDR is from the vehicle involved in a collision event.

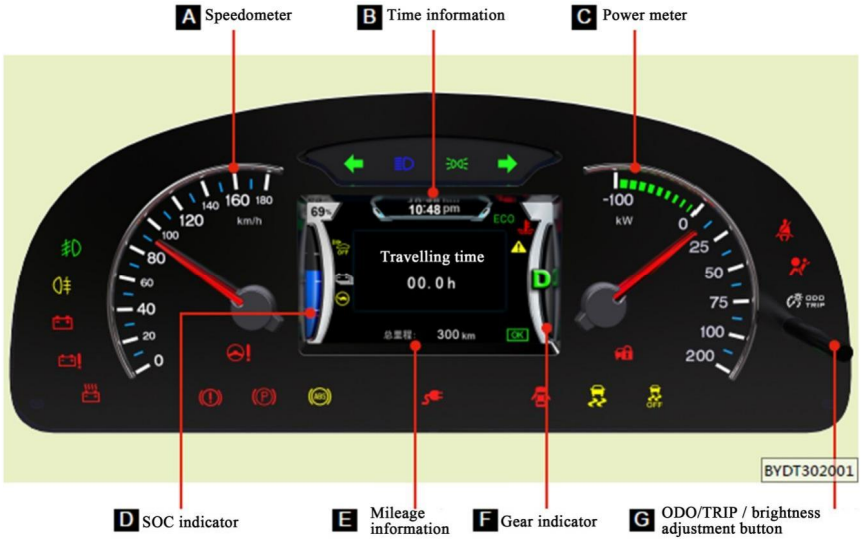
Note: If the EDR records the longitudinal acceleration, the "delta-V, longitudinal", "maximum recorded delta-V, longitudinal", or "time, maximum delta-V" may not be recorded.

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Instrument Cluster Overview

Appearance of Instrument Cluster



View of Instrument Cluster

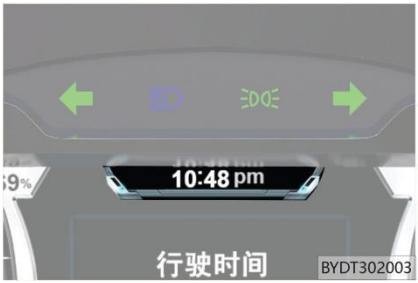
A Speedometer

- With the vehicle power mode in OK, it indicates the current vehicle speed.



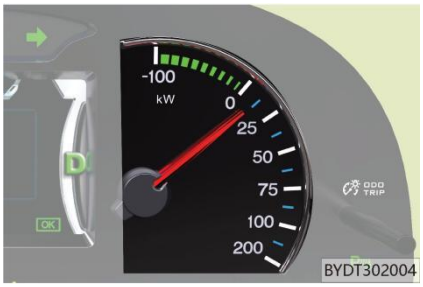
B Time information

- With the vehicle power mode in OK, it indicates the current time.
- If the vehicle is equipped with radio, the time can be set through the instrument menu. If the vehicle is equipped with infotainment, the time can be set automatically calibrated by GPS or set through the infotainment menu.



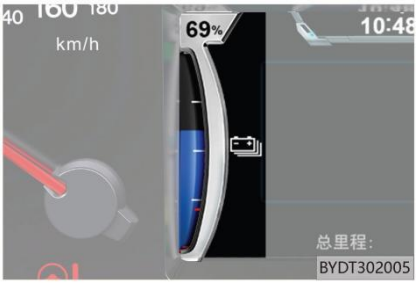
C Power meter

- It indicates the real-time power of the vehicle in the current mode.
- When the vehicle is running downhill or at a low speed, the indicated power value may be negative, indicating that the vehicle is charging the high-voltage battery.



D SOC indicator

- It indicates the estimated current state of charge of the vehicle high-voltage battery in percentage.



NOTE

- When the indicator bar is in or about to enter the red zone, please charge the high-voltage battery as soon as possible.

E Odometer

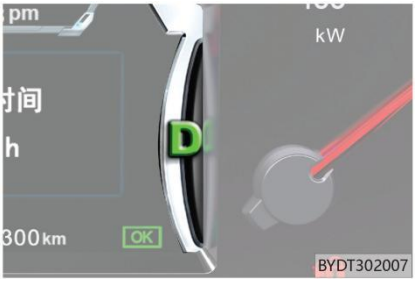
- It shows information as shown in the figure on the right:
  - ODO: Shows the total distance the vehicle has been driven.
  - TRIP A/TRIP B: Shows two different distances independently driven since the last time each trip meter was set to zero.



  - ODO/TRIP switch/reset button: Resets the two trip meters to zero, and also changes the meter display.
  - This meter displays in the default unit of km, which can be switched to mile via the unit setting in the menu.
  - The trip meter can be used to measure the distance of each trip (TRIP A or TRIP B).

F Gear indicator

- It indicates the corresponding gear after the gearshift lever is shifted to a certain gear.



G ODO/TRIP / backlight adjustment button

- To change the mileage information display, briefly press and release this button. Pressing this button repeatedly will scroll through ODO, trip meter (TRIP A), trip meter (TRIP B) and ODO on the instrument cluster.



- With the vehicle power mode in OK and position light turned on, the backlights of the instrument cluster and dashboard panel will be turned on synchronously. Under TRIP B, press and hold this button to adjust the vehicle backlights.

Vehicle Traveling Information Meter

The vehicle traveling information will be displayed when there is no fault prompt message. Its display content can be selected by pressing the steering wheel button .



Vehicle Traveling Information Screen

- Driving range

  Shows the estimated driving range based on the current battery SOC.



- Cumulative average power consumption

  Shows the average power consumption of the vehicle from its delivery from factory to current status.



- Cumulative average power consumption based expense

  Shows the average power consumption based expense of the vehicle from its delivery from factory to current status.



- Average power consumption for the last 50 km

  Shows the power consumption for the last 50 km. Press and hold the steering wheel button 确定 for 2s to reset the data.



- Power consumption based expense for the last 50 km

  Shows the average power consumption based expense for the last 50 km.



- Average vehicle speed

  Shows the average vehicle speed from the previous resetting to the current status. Press and hold the steering wheel button 确定 for more than 2s to reset the data.



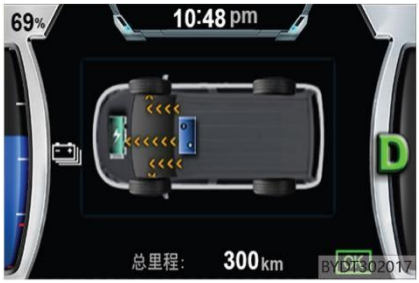
- Traveling time

  Shows the traveling time in OK mode from the previous resetting. Press and hold the steering wheel button 确定 for 2s to reset the data.



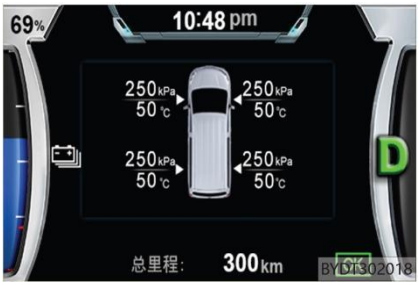
- Energy flow

  Shows the energy flow state among the motor, battery and wheel.



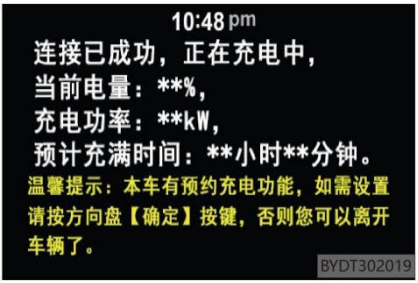
- Tire pressure display interface

  Shows the pressure and temperature of each tire.

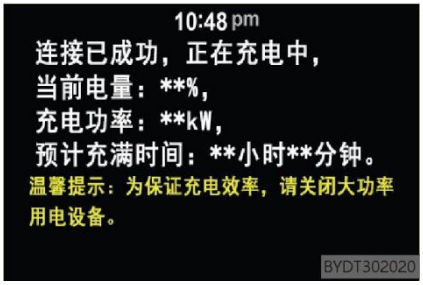


Prompt Messages

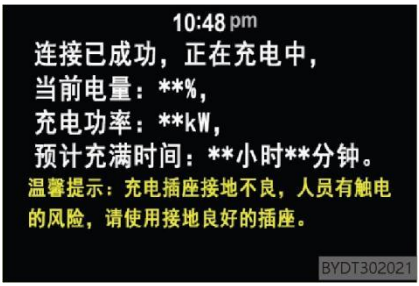
- Charging interface: Display the current charging information.
  - In this interface, press the steering wheel button  to enter the scheduled charging setting interface (during AC charging).



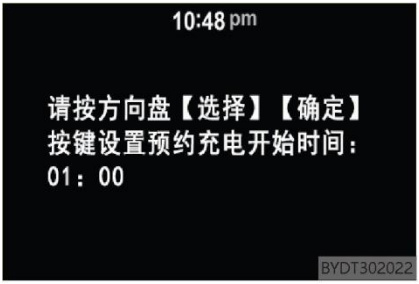
- Charging interface: Display the current charging information.
  - Since the charging power is lower than the electrical power, it is necessary to turn off high-power electric consumers to ensure the battery gets charged.



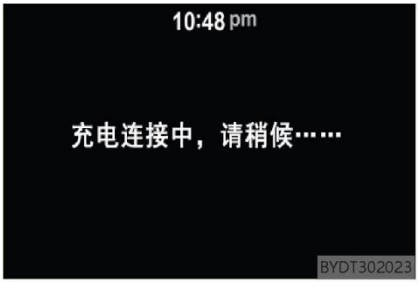
- Charging interface: Display the current charging information.
  - As the charging socket is not grounded, there will be a slight risk of electric shock. It is necessary to use a socket with grounding function.



- Scheduled charging setting interface: Press the steering wheel button  to increase/decrease the time and press  to save (during AC charging).



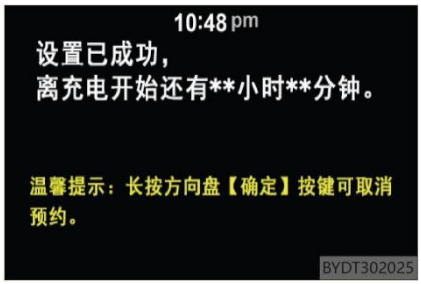
- Message displayed when the vehicle is about to enter charging mode after charging connection is established



- Message indicating that the charging is completed



- Waiting interface displayed after setting of scheduled charging
  - To cancel the scheduled charging, press and hold the steering wheel button 确定.



- Message indicating that the start battery is low and the high-voltage battery needs to charge the start battery.



- Door state

  Message indicating the opening state of all doors, tailgate, charging port hatch and hood.



- Please release the EPB when the vehicle is in motion.



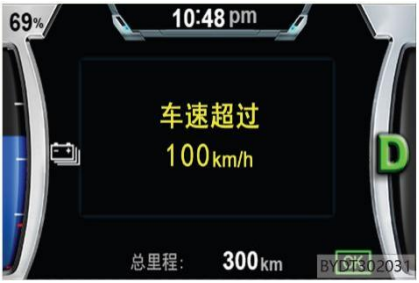
- Please shift to P.



- Shift out of P to release the EPB.



- Message displayed when the vehicle speed exceeds set alarm value



- Message displayed when the maintenance is due soon (in time)



- Message displayed when the battery is low



- Message displayed when the maintenance is due soon (in mileage)



- Message displayed when the maintenance is due soon (both in time and mileage)



- Message displayed when the maintenance has been due (in time or mileage)



- Message displayed when the START/STOP switch is pressed while the key is not within the detection range



- Message indicating that the intelligent key battery should be replaced due to low battery



- Prompt for starting the vehicle



- Message indicating that the EPB system has been activated currently



- Message indicating that the EPB system has been deactivated currently



- Message indicating that the vehicle has been started and may be driven in gear



- Message indicating that the vehicle has been in a gear and is ready to be driven



- Message displayed when the vehicle is in motion and the steering wheel button 确定 is pressed to enter the menu



Fault Messages

- Message indicating a fault in the on-board charging system: Please check if the charging connection is abnormal, reconnect the charging equipment if necessary, and contact a BYD authorized dealer or service provider if the problem still exists after such operation.



- Message indicating a fault in the brake system: Please pull over the vehicle and contact a BYD authorized dealer or service provider.



- Message indicating a fault in the EPB system: Please contact a BYD authorized dealer or service provider.



- Message indicating a fault in the ABS system: Please contact a BYD authorized dealer or service provider.



- Message indicating a fault in the DC, alternator or start battery (low-voltage battery), or any other system: Please pull over the vehicle and contact a BYD authorized dealer or service provider.



- Message indicating a fault in the relevant motor, high-voltage battery, gear controller or any other system: Please pull over the vehicle and contact a BYD authorized dealer or service provider.



- Message indicating a fault in the start battery (low-voltage battery) system: Please contact a BYD authorized dealer or service provider.



- Message indicating a fault in the gear controller: Please pull over the vehicle and contact a BYD authorized dealer or service provider.



- Message indicating a fault in the start battery (low-voltage battery) system: Please contact a BYD authorized dealer or service provider.



- Message indicating a possible fault in the data network: Please pull over the vehicle and contact a BYD authorized dealer or service provider.



- Message indicating a fault in the airbag: Please contact a BYD authorized dealer or service provider.



- Message indicating malfunctioning of the EPB: Please drive the vehicle to a safe place or contact a BYD authorized dealer or service provider.



- Message indicating a fault in the tire pressure monitoring system (TPMS): Please contact a BYD authorized dealer or service provider.



- Message indicating a fault in the ESP system: Please contact a BYD authorized dealer or service provider.



Indicators and Warning Lights

Operation Indicators

Operation indicators are used to inform the driver of the working states of various vehicle systems.

	Left turn signal indicator		Main warning indicator
	Right turn signal indicator		EPB indicator
	High beam indicator		High-voltage battery charging connection indicator
	Position light indicator		OK indicator
	Front fog light indicator		Seat belt reminder indicator
	Rear fog light indicator		Door open indicator
	Anti-theft indicator		Driving power limited indicator
	ECO indicator		Battery state indicator
	Engine simulator status indicator		ESP OFF warning light (if any)

Malfunction Indicator Lamps (MILs)

MILs are used to remind the driver of the occurrence of malfunction in a system. Perform troubleshooting according to the following methods in case of malfunction.

	Parking brake MIL If the parking brake cannot operate properly, pull over the vehicle and contact a BYD authorized dealer or service provider.
	Charging system warning light Pull over the vehicle immediately and contact a BYD authorized dealer or service provider.
	Powertrain MIL (if any) If it remains on, deliver the vehicle to a BYD authorized dealer or service provider for check.
	High-voltage battery overheat warning light If it lights up, pull over the vehicle to let the battery cool down.
	High-voltage battery MIL If it remains on, deliver the vehicle to a BYD authorized dealer or service provider for check.
	ABS MIL Deliver the vehicle to a BYD authorized dealer or service provider for check. If the parking brake MIL also lights up, pull over the vehicle and contact a BYD authorized dealer or service provider.
	Motor coolant overtemperature warning light If it lights up, it indicates that the temperature is too high. Please pull over the vehicle immediately to let it cool down.
	Airbag system MIL Deliver the vehicle to a BYD authorized dealer or service provider for check.
	Steering system MIL Pull over the vehicle immediately and contact a BYD authorized dealer or service provider.
	ESP MIL (if any) If it remains on or flashes, deliver the vehicle to a BYD authorized dealer or service provider for check.

	Tire pressure MIL (if any) If it remains on, deliver the vehicle to a BYD authorized dealer or service provider for check.

Adjustment Menu

Adjustment Button

- Use steering wheel buttons to enter the menu for adjustment.
  -  Used to confirm the selected menu item.
  -  Used to scroll up/down the menu selection bar.



Adjustment Menu Function

- Menu structure



- Maintenance: Set the vehicle maintenance information.
  - Maintenance time: Set the number of days before the next vehicle maintenance. With the maintenance time function enabled, if the maintenance time is due soon or has been due, the information display screen will show the corresponding prompt message after the vehicle is powered on and in OK mode.
  - Set the maintenance time status.



Display Item	Function
X days or "OFF"	The maintenance time currently set, or "OFF" if this function is disabled
OFF	Disable the maintenance time function
"▲"	Increase the maintenance time at a step of 15 days
"▼"	Decrease the maintenance time at a step of 15 days
Return	Exit the maintenance time menu and return to the previous menu

- Maintenance mileage: Set the mileage before the next vehicle maintenance. With the maintenance mileage function enabled, if the maintenance mileage is due soon or has been due, the information display screen will show the corresponding prompt message after the vehicle is powered on and in OK mode.



Display Item	Function
XXX km or "OFF"	The maintenance mileage currently set, or "OFF" if this function is disabled
OFF	Disable the maintenance time function
"▲"	Increase the maintenance mileage at a step of 500 km
"▼"	Decrease the maintenance mileage at a step of 500 km
Return	Exit the maintenance time menu and return to the previous menu

- Personalization: Set the working status of other modules in the vehicle.
  - Language
  - Speed warning
  - Door automatic locking



- Personalization



- Language: Set the operating language of instrument system, with options including

  Simplified Chinese

  English



- Speed warning: Set the vehicle speed limit in the range of 60 km/h ~ 180 km/h.



Display Item	Function
XXX km/h or "OFF"	The speed warning limit currently set, or "OFF" if this function is disabled
OFF	Disable the speed warning function
"▲"	Increase the speed warning limit at a step of 10 km/h
"▼"	Decrease the speed warning limit at a step of 10 km/h
Return	Exit the speed warning menu and return to the previous menu

- Door automatic locking: Set the four doors to lock automatically when the vehicle starts running.

  ON: Enable "Door automatic locking" function

  OFF: Disable "Door automatic locking" function



- Unit: Set the display unit of vehicle traveling information.

  Distance: km, mile



Temperature: °C, °F



Pressure: kPa, psi, bar



- Unit price of electricity: Set according to the local unit price.

  Integer



  Decimal



- Energy regeneration intensity: Set the intensity of energy regenerated for the battery pack based on your own needs.



- Factory reset: Restore all operation items of the instrument system to their factory status.



03 Operation of Controllers

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Keys and Doors

Introduction to Keys

Electronic intelligent keys and mechanical keys are provided.

- Electronic intelligent key - Lock/Unlock doors, open the tailgate and locate the vehicle with remote control buttons when in close proximity to the vehicle.

A Tailgate open button

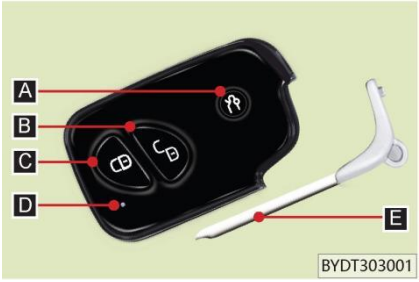
B Unlock button

C Lock button

D Indicator

- Mechanical key (in the electronic intelligent key): Unlock/Lock the driver's door.

E Mechanical key



WARNING

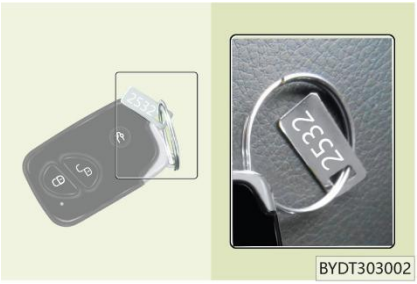
- Owners with cardiac pacemakers or defibrillators should keep away from the PEPS (Passive Entry Passive Start) system antenna, as the electromagnetic waves may interfere with such devices. For antenna positions, refer to "Positions of detection antenna" in this section.

WARNING

- In addition to owners with cardiac pacemakers or defibrillators, those who use other electronic medical devices should also consult the manufacturer for relevant information on using the device under the influence of electromagnetic waves. Electromagnetic waves may have unpredictable consequences for the use of such medical devices.

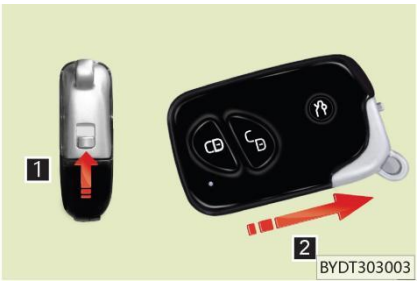
Key Number Plate

- The key number is marked on the number plate. Please keep this plate properly, and do not place it in the vehicle.
- If the key is lost or a spare key needs to be made, it is best to entrust a BYD authorized dealer or service provider to reproduce one with the key number.
- BYD recommends you to record the key number and store it in a safe place.



Mechanical Key

To use it, pull down the release switch (1) and take the mechanical key out (2), as shown in the figure. Ensure the mechanical key, if not used, is stored in the intelligent key.



Electronic Intelligent Key

- The wireless remote control system (electronic intelligent key) can unlock/lock all doors within a range of about 1 m from the vehicle, as well as implement accessory functions.
- Any button should be pressed slowly and securely.
- If the electronic intelligent key fails to function within the normal range, and its indicator on the key is dim or off:
  - Check for any radio station or airport radio transmitter that interferes with the normal functioning of the electronic intelligent key.
  - Check if the key battery is dead. If so, contact a BYD authorized dealer or service provider for battery replacement as soon as possible.
- If the electronic intelligent key is lost, contact a BYD authorized dealer or service provider to avoid theft or accident.
- A spare key can be registered for the same vehicle. For details, contact a BYD authorized dealer or service provider.

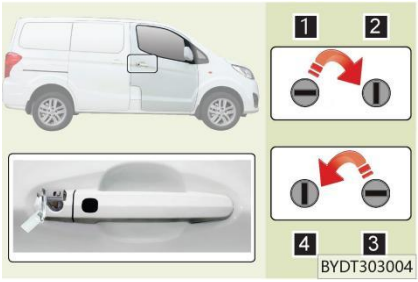
CAUTION

- The electronic intelligent key is an electronic device, so please observe the following instructions to prevent damage to it:
  - Do not attach any object that may block the electromagnetic waves to it, such as the metal seal.
  - Do not knock other objects with it.
  - Do not place it in a high-temperature position for an extended period, such as on the dashboard panel or hood exposed to direct sunlight.
  - Do not immerse it in water or clean it in an ultrasonic washer.
  - Do not put it together with a device that generates electromagnetic waves, such as a mobile phone.
  - Do not disassemble it.
- When leaving the vehicle, be sure to carry the key and lock the vehicle. Never leave any person (especially a child) in the vehicle alone.

Locking and Unlocking

Locking/Unlocking with Mechanical Key

- Insert the key into the keyhole and turn it.
  - To unlock: Turn the key clockwise from 1 to 2.
  - To lock: Turn the key anticlockwise from 3 to 4.



Locking/Unlocking with Electronic Intelligent Key

To lock/unlock all doors, press the corresponding button on the key slowly and securely.

- To lock: Press the lock button to lock all doors at the same time. The turn signals will flash once.
  - Check whether all doors are locked securely.
  - If any door, the hood or the tailgate is not closed, the turn signals will not flash and the buzzer will sound once.



- To unlock: Press the unlock button to unlock all doors at the same time. The turn signals flash twice.
  - With the anti-theft system activated, open any door within 30s after unlocking with the electronic intelligent key. Otherwise, all doors will automatically lock again.
  - Even if you press and hold the / button, locking or unlocking will not be repeated. Please release the button and press it again.

NOTE

- If the vehicle power mode is in OK, the doors cannot be unlocked/locked with the / button on the electronic intelligent key.

- If any of the following warnings is displayed, please follow the instructions below:
  - If the instrument warning speaker sounds once when the START/STOP button is pressed to power on the vehicle, it indicates that the driver gets into the vehicle without the electronic intelligent key. The instrument cluster will display "No key is detected". In this case, you can operate the START/STOP button only after you confirm that the electronic intelligent key is in the vehicle.
  - If the instrument warning speaker sounds once and the instrument cluster displays "Low key battery" when the START/STOP button is pressed, it indicates that the electronic intelligent key has low battery. Refer to "Starting the Vehicle with the Electronic Intelligent Key with Dead Battery" in Chapter 4. In this case, contact a BYD authorized dealer or service provider in advance to replace the key battery and ensure that the PEPS system works normally. If the green indicator of the START/STOP button flashes when this button is pressed to power on the vehicle, it indicates that the steering lock is stuck. To release it, press the START/STOP button and slightly shake the steering wheel.

Locating the Vehicle

- With anti-theft function activated, press the lock button . The buzzer will sound constantly, and the turn signals will flash 15 times. When the vehicle cannot be found, this function is used to locate it.
- When the vehicle is in the vehicle locating state, press the lock button again to restart the vehicle locating state.



Locking/Unlocking with Microswitch

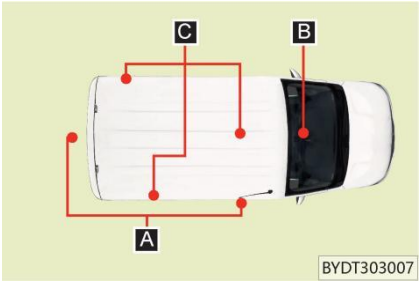
The PEPS function becomes available when a registered electronic intelligent key is carried into the activation area.

- Positions of detection antenna

A Exterior detection antenna

B Interior front detection antenna

C Interior middle and rear detection antennas (if any)

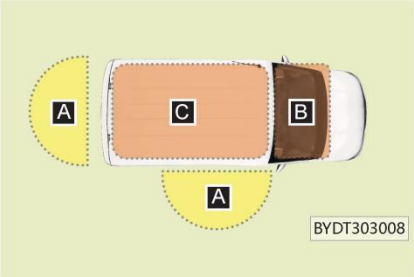


- Activation area

A Entry function activation area: within about 1 m from the microswitch on front right door handle or the rear microswitch

B Start function activation area: front part of the compartment

C Start function activation area: rear part of the compartment (if any)



- In Area A: If the electronic intelligent key is too close to a door handle or window, the entry function may not be activated.
- In Area B or C (if any): If the electronic intelligent key is on the dashboard panel, in the glovebox or on the floor, the start function may not be activated.
- Locking

  If the doors are unlocked, approach with the electronic intelligent key and press the microswitch on the door handle slowly and securely. If all doors, hood and tailgate are closed, this will lock all doors at the same time, and the turn signals will flash once.



- Unlocking

  If the doors are locked, approach with the electronic intelligent key and press the microswitch on the exterior door handle slowly and securely to unlock all doors at the same time. At this time, the turn signals will flash twice.

- Pressing the microswitch does not work if:
  - the microswitch is pressed while the door is opened/closed;
  - the vehicle is not powered off;
  - the vehicle power mode is in OK; or
  - no key is detected in the entry function activation area.

NOTE

- With the anti-theft system activated, open any door within 30s after unlocking. Otherwise, all doors will automatically lock again.

Anti-theft System

To prevent the vehicle from being stolen, if any door is opened with the anti-theft system activated, an audible alarm will be sent out and turn signals will flash.



Setting the System

- Power off the vehicle.
- Have all occupants exit the vehicle.
- Lock all doors. The anti-theft indicator will remain on for 8s until the anti-theft system sets automatically. After that, the anti-theft indicator on the instrument cluster will start flashing.
- Before leaving, confirm this indicator is flashing.

CAUTION

- Do not leave anybody inside the vehicle when the system is set because unlocking any door from inside will activate the system.
- Do not modify the anti-theft system by means of modification or addition. Otherwise, the system may fail.

Triggering the System

- The anti-theft alarm is triggered when:
  - a door or the tailgate is unlocked or opened, or the hood is opened not with the entry function of the electronic intelligent key; or
  - the vehicle is powered on not with the electronic intelligent key.

Releasing the System

- The anti-theft alarm is released when:
  - doors are unlocked with wireless remote control;
  - a door is unlocked with the microswitch;
  - the tailgate is opened remotely with the key; or
  - the START/STOP button is pressed with the key inside the vehicle.

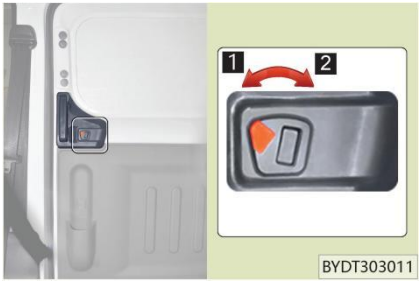
Sliding Doors

Locking/Unlocking with Interior Lock Button

1 To lock: Slide the lock button forward.

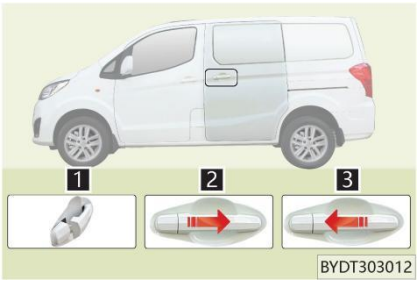
2 To unlock: Slide the lock button backward.

When the lock button is in the Lock position, closing the sliding door will lock the sliding door. Do not lock the key in the vehicle.



Opening/Closing with Door Handle

- To open: Pull up the door handle as shown in 1, and slide the door backward as shown in 2.
- Fully open the door to lock it so that it cannot close automatically.
- To close: Slide the door forward as shown in 3.
- Check whether the door is closed properly after it is closed.



Child Protection Lock of Sliding Door (If Any)

- Move the lock rod down to the Lock position as shown in the figure.
- When this lock is set, the sliding door cannot be opened with the interior door handle. This function is recommended as long as any children stay in the vehicle.



WARNING

- During driving, especially with a child in the vehicle, be sure to close and lock the doors. Proper use of the seat belt and locking the doors can help prevent the occupants from being thrown out of the vehicle in case of an accident. Accidental opening of the doors can also be prevented by locking the doors.

Power Windows

Driver's Door Power Window

- With the vehicle power mode in OK, the window regulator button at the driver's door can be used to regulate the front left/right door window.
- After the vehicle is powered off, the power window of the front left/right door can continue to work for a maximum of 10 min before the respective door is opened. If the door is opened, the delay function will be canceled.
- Fully press and release  on the driver's side, and the driver's window will be fully opened. To stop the window at its current position, pull the button once.



Central Door Lock

- Lock : When the front left/right door is closed, press this button to lock the doors.
- Unlock : When the front left/right door is locked, press this button to unlock the doors.



Automatic Locking/Unlocking of Doors

- When the vehicle speed is not less than 20 km/h, all doors will lock automatically if "Door automatic locking" is set as "ON". When the START/STOP button is pressed and the power mode is switched from "OK" to "OFF", all doors will unlock automatically.
- All doors will unlock automatically when the vehicle suffers a severe collision. The doors will not necessarily unlock automatically depending on the impact force and accident type.

Front Passenger's Door Power Window

- With the vehicle power mode in OK, the front passenger's door window regulator switch can control raising/lowering of the front passenger's door window.
- After the vehicle is powered off, the power window of the front left/right door can continue to work for a maximum of 10 min before the respective door is opened. If the door is opened, the delay function will be canceled.



Sliding Door Power Window (If Any)

- With the vehicle power mode in OK and the sliding door closed:
  - Up - Press and hold it to raise the window.
  - Down - Press and hold it to lower the window.



NOTE

- The sliding door window cannot be raised/lowered unless the sliding door is closed.



Tailgate

Tailgate Locking/Unlocking

- Unlocking:

  Approach with the intelligent key and press the rear microswitch to unlock all doors and the tailgate. At this time, press the tailgate switch and pull the tailgate upward to open it.



- Locking:
  - With all doors unlocked, approach with the intelligent key and press the rear microswitch to lock all doors and the tailgate. At this time, pressing the tailgate switch will not unlock the tailgate.
  - Press and hold the tailgate open button on the intelligent key for 1.5s to unlock the tailgate with the turn signals flashing twice. At this time, press the tailgate button and pull the tailgate upward to open it.



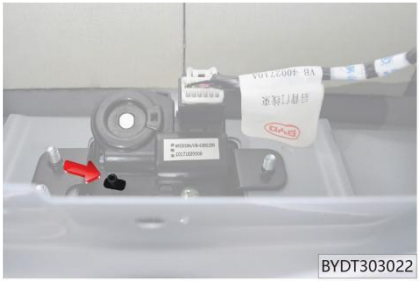
Tailgate Switch

1. Approach with the intelligent key and press the rear microswitch to unlock the tailgate or unlock it with the intelligent key.
2. Press the tailgate button and pull the tailgate upward to open it.



Unlocking the Tailgate in an Emergency

Remove the tailgate lock maintenance port cover from the tailgate cover, and move the unlocking toggle button in the direction as shown in the figure to unlock the tailgate.



NOTE

- With the vehicle powered off, the tailgate can be unlocked inside the vehicle.

Seat Adjustment

Seats

Precautions for Seat Adjustment

- Adjust the driver's seat so that the pedal, steering wheel and dashboard panel controller are within the reach of the driver. Do not adjust the seat backrest during driving or riding as the shoulder belt cannot properly fit the body. Otherwise, in case of an accident, the driver and passengers may hit the shoulder belt, causing serious injuries to the neck or other parts, or slide out of the lap belt, causing serious injuries.
- When the vehicle is in motion, the most effective protective measure is to keep the seat backrest upright. Always sit well back in the seat, and fasten the seat belt properly.

NOTE

- Never adjust the seat while driving, to avoid losing control of the vehicle.
- When adjusting the seat, be careful not to let it hit passengers or luggage.

NOTE

- After adjusting the seat position, gently push and pull the seat fore and aft to confirm that it is locked in place.
- After adjusting the backrest, lean backward to confirm that the backrest is locked in place.
- Do not place anything under the seat to avoid affecting the seat locking mechanism or accidentally pushing the seat position adjustment lever upward, resulting in sudden movement of the seat and loss of control of the vehicle.
- When adjusting the seat, do not put your hands under the seat or near the operating parts to avoid pinching your fingers.
- Do not fasten the seat belt before adjusting the seat.

Front Seat Adjustment

- Backrest angle adjustment
  - Pull up the backrest adjusting lever.
  - Tilt the backrest to the desired position.
  - Release the adjusting lever to lock the backrest position.
  - When the vehicle is parked, the backrest is allowed to tilt to a position suitable for rest.



- Horizontal position adjustment
  - Pull up the horizontal position adjusting lever.
  - Slide the seat to the desired position.
  - Release the adjusting lever to lock the seat position.



Headrest Adjustment

- Raising

  Slide the headrest upward to a proper position and release it.

- Lowering

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

- Removal

  Pull the headrest up while pressing and holding the adjustment button to remove it.

- Installation

  Insert the headrest stems into the sleeves, and push the headrest to a proper height while pressing and holding the adjustment button.



Steering Wheel

Steering Wheel Switch Sets



- Enter 

  - In the menu interface: Press it to select corresponding submenu options in the menu.
  - In the vehicle traveling information interface: Press and hold it for more than 2s to clear certain vehicle traveling information; press it to switch to the safe driving prompt interface or the menu interface.
  - In the fault/prompt message interface: Press it to switch to the vehicle traveling information interface.
- Select 

  - In the menu interface: Press it to switch the options upward/downward in the menu or increase/decrease the value.
  - In the vehicle traveling information interface: Press it to switch among all the vehicle traveling information upward/downward.
  - In the fault/prompt message interface: Press it to switch to the vehicle traveling information interface.

- Mode (if any) 

  - In mode selection, press it to switch in the circulation of FM-AM (if any) - SD (if any) - USB (if any) - AUX (if any) - FM.
  - In Audio off state, press it to enter the memory play mode saved before the last Audio off. If there are no sources of play (such as no external audio device) in the memory play mode, the audio system will directly switch to the FM mode, and by pressing this button again, the audio system will switch in the above circulation.
  - Press and hold it for 2s to turn off the audio system.
- Volume (if any) 
  - Press: Increase/Decrease the volume by a single step.
  - Press and hold: Increase/Decrease the volume continuously.
- Previous/Next channel (if any) 
  - In radio mode: Press and hold it to automatically search the next/previous channel with strong signal (increase/decrease the frequency); or press it to select the pre-saved radio station upward/downward.
  - In USB/SD mode: Press it to play the next/previous track (track number +1/-1).
  - In the Bluetooth Call History and Contacts interfaces: Press it to select the previous/next entry.
- Phone button (if any) 
  - During a call, press it to end the call.
  - In any Bluetooth related interface, press it to exit the Bluetooth interface and enter the previous non-Bluetooth interface. If the previous interface (AUX, USB or SD) has changed, the system will enter the FM interface directly.
  - When answering a call in the Audio play interface, press it to return to the Audio play interface. If the previous interface (AUX, USB and SD) has changed, the system will enter the FM interface directly.
  - When answering a call in the Bluetooth interface, press it to return to the main dialing interface.
- Phone button (if any) 
  - In case of an incoming call, press it to answer the call (the audio system will be mute when this button is pressed) and enter the Calls via Bluetooth interface.
  - When the system is in a Bluetooth unrelated interface, press it for the system to enter the main interface of phone selection if Bluetooth is not connected; or for the system to enter the main dialing interface if Bluetooth is connected.
  - With Bluetooth connected, when a number is input in the dialing interface, or an entry from the Call History or Contacts is selected, press it to start dialing.
  - While in the main dialing interface with Bluetooth connected and no number input, press it for the system to directly enter the first entry in the Call History interface. Press it again for the system to automatically call the first entry in the Outgoing Calls interface.
  - In case of any safety warning displayed, only call answering is available.
  - When switching to the map during a call, press it to enter the call interface.
- Horn pad 
  - Press and hold the pad to sound the horn, and release it to stop sounding.

CAUTION

- Do not press and hold the pad for an extended period; otherwise, the horn can be easily damaged.

NOTE

- Please observe traffic regulations and use the horn properly.

Switches

Switch Set #1

Switch set #1 consists of the side mirror adjustment switch and headlight adjustment switch.

Side mirror adjustment switch

- Side mirror adjustment switch (if any, refer to Section 4-4 for details)



Headlight adjustment switch 

- It is used to adjust the vertical beam angle of headlights. It can work after the low beam is turned on.
- The beam height of headlights reaches its maximum if this switch is in "0" position, and reaches the minimum if this switch is in "3" position. According to the driver's needs, when this switch is adjusted to a certain position from 0 to 3, the beam height changes accordingly.
- The adjustment position is recommended as follows:
  - Configuration 1:

Vehicle Load Condition	Recommended Position
Driver only	Position 0
Driver and cargo space with maximum load	Position 2

  - Configuration 2:

Vehicle Load Condition	Recommended Position
Driver only or driver and front passenger	Position 0
Driver, front passenger and three rear passengers	Position 1
All seats occupied	Position 1.5
All seats occupied and cargo space with maximum load	Position 1.5
Driver and cargo space with maximum load	Position 2~2.5

Hazard Warning Light Button

By pressing this button, as shown in the figure, it will lock automatically, all turn signals will start to flash, and turn signal indicators on the instrument (⬅ and ➡) will flash synchronously. By pressing this button again, it will be reset and the turn signals and the turn signal indicators will stop flashing.



Park Assist Power Button (If Any)

The Park Assist is powered on by default, and the indicator is on. When the gearshift lever is shifted to R gear, the Park Assist will be activated, and the vehicle will give an alarm if there is an obstacle in the surroundings. To deactivate the Park Assist, press the button .



CAUTION

- The Park Assist is activated by default when the gearshift lever is shifted to R gear. After being deactivated, it will be activated if the gearshift lever is shifted to R gear again as the deactivation is only valid for the current operation.

ESP OFF Button (If Any)

- By pressing this button, the corresponding indicator on the instrument cluster will light up and the ESP system will be deactivated.
- By pressing it again, the corresponding indicator on the instrument cluster will go off and the ESP system will be activated.



04 Use and Driving

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Use Tips

⚠ WARNING

- Do not carry articles with strong magnetism to avoid interference with the normal running of the vehicle.

Break-in Period

- If the powertrain is difficult to start or stops running frequently, check the vehicle immediately.
- In case of any abnormal noise in the powertrain, pull over the vehicle for inspection.
- In case of serious coolant or lubricating oil leakage in the powertrain, pull over the vehicle for inspection.
- Break-in is required for the powertrain. It is recommended to drive smoothly, and avoid high-speed driving. The following precautions can effectively extend the service life of the vehicle:
  - Avoid pressing the accelerator pedal to the bottom when starting and driving.
  - Avoid speeding during use.
  - Avoid emergency braking within the first 300 km.
  - Do not drive at a single speed for an extended duration.
  - Do not tow any other vehicle within the first 2,000 km.

Safety Driving Notice

Never drive while under the influence of alcohol.

Drinking even a small amount of alcohol reduces your ability to adapt to road traffic conditions. Drinking more alcohol further slows your responses. Therefore, never drive while under the influence.

Control your vehicle speed.

Speeding is a major cause of collisions involving injury and death. In general, faster speeds entail higher risk. Therefore, please maintain a driving speed safe for the traffic conditions on the road.

Maintain the vehicle in safe driving condition.

- Tire bursts and mechanical faults are extremely dangerous. To reduce the possibility of such faults, frequently check the vehicle condition, and regularly complete the specified inspections.
- The driver shall ensure the safety of all passengers in the vehicle, guide them to properly use vehicle features, and prevent children and other passengers from improper use of control switches such as window switches.

Vehicle Fire Prevention Tips

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

- Do not place any flammable or explosive materials in the vehicle.

  In hot summer, the interior temperature of the vehicle parked in the sun may be as high as 60°C to 70°C. If there are lighters, cleaning agents, perfume, and other flammable and explosive materials in the vehicle, it is easy to cause fires and even explosions.
- Make sure the cigarette butt is completely extinguished after smoking.

  Smoking is not only harmful to health, but also may cause a fire, if the cigarette butt is not completely extinguished.
- Contact a BYD authorized dealer or service provider for regular inspection.
  - Regularly check the front compartment for oil leakage, and clean up the oil dirt and stains on the motor in time to prevent fire caused by volatilization of oil dirt and stains at high temperature.

    - Regularly check to make sure that the wiring, connection, insulation, and fixing positions of electrical connectors and wiring harnesses are normal, and handle any problem in time.

- Do not modify the vehicle's wiring or install any additional electrical appliances.

    - Installing additional electrical appliances (such as high-power audio systems and lights) causes excessive wiring load, resulting in heating of the wiring harness and fires.

    - Improper modification of electrical appliances and wirings causes abnormal heating and fires due to contact resistance. Do not replace fuses with those beyond the rated specification of electrical appliances or with other metal wires.

- Park the vehicle in a proper place.

    - During parking, especially in summer, be sure to check whether there are inflammables under the vehicle, such as hay, dead branches, leaves, or wheat straws. As the temperature of the three-way catalytic converter increases after the long-term running of the vehicle, it is likely to cause a fire in case of the existence of inflammables under the vehicle.

    - During driving, avoid road sections with inflammables such as dry leaves, wheat straws and weeds as far as possible, or pull over the vehicle in time to check whether there are inflammables under the vehicle after passing through such road sections. Do not park the vehicle in a place exposed to the sun.

- Always keep portable fire extinguishers in the vehicle and know how to use them.

- To ensure vehicle safety, keep fire extinguishers in the vehicle and check and replace them regularly. In addition, be familiar with the use of fire extinguishers, so as to make rapid response to accidents.

- Always disconnect the negative terminal of the start battery during vehicle repair or maintenance.

- In case of a fire in the vehicle, take effective measures in a timely and calm manner to minimize losses.

    - Fires generally have early signs, such as abnormal noise and odor in the vehicle. If any, pull over the vehicle immediately. It is better to pull it over at a sheltered place and put out the fire with a dry powder fire extinguisher (provided by the owner).

    - Locate the origin of the fire. In case of any smoke in the front compartment, do not open the hood immediately (because this will aggravate the combustion and spread of the fire due to air ingress. There are limited combustibles in the front compartment, so the hood shall be kept closed to control the fire, which is conducive to firefighting). Hold the on-board fire extinguisher to aim at the position on fire from the hood gap, or call for help from passing vehicles. If you can hardly see the fire from the outside, open the hood for extinguishing as long as several fire extinguishers are available.

    - Call the fire emergency number in time, call the insurance company to report the case, and ask the insurance company to go to the site for handling.

    - After the fire brigade come and put out the fire, ask them for a rescue certificate and statement of fire cause.

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

NOTE

- In order to prevent losses caused by accidents, it is recommended to maintain commercial insurances (such as spontaneous combustion loss insurance and robbery and theft insurance).

Fording

- Check the water depth before driving through a flooded area. The water depth shall not exceed the lower edge of vehicle body.
- Before driving through a flooded area, turn off the A/C and slow down. Then gently press and hold the accelerator pedal to drive through the area at a slow and steady speed.
- Do not park the vehicle in water for an extended duration.



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

WARNING

- Drive carefully to avoid accidents when there is any water or mud on the brake disc surface, as this may increase the braking response time and braking distance.
- Carefully apply and dry any wet brake, and remove ice on it.
- Avoid emergency braking as much as possible after driving through any flooded area.
- When driving through a low-lying flooded area, avoid water ingress into the high-voltage components. Any vehicle fault or device damage so caused will not be covered by the warranty.
- After the vehicle is driven through the flooded area, the drive system, driving system, electrical system, and other vehicle components may also be seriously damaged. Any vehicle fault or damage so caused will not be covered by the warranty.
- In strong convective weather, try your best to charge the vehicle in sheltered places. If the vehicle is soaked or wades in water beyond the door sill, water may ingress into the high-voltage components. In such a case, contact a BYD authorized dealer or service provider in time for proper detection and handling.
- Do not drive on roads with ponding deeper than half of the tire height.

Impact of water ingress into high-voltage components:

- High-voltage components are electronic devices. After the vehicle is soaked in water, drying the high-voltage components in the sun or air cannot ensure the full evaporation of water.

- Water ingress may also greatly affect the insulation of high-voltage components; at the same time, the conductive substances contained in water may cause internal short circuits of high-voltage components or high-voltage systems. In this case, the safety and service performance of the vehicle may be seriously affected.
- Water ingress into high-voltage components has a great impact on product protection level, withstand voltage value and other performances, which may lead to a great safety risk.

Starting and Driving

Safety Check Before Driving

Before driving, you had better contact a BYD authorized dealer or service provider to conduct a safety check of the vehicle.

Outside the Vehicle

- Tires: Check the tire pressure with a tire gauge, and carefully check the treads for cuts, damage or foreign matters, and the tires for any abnormality or excessive wear. In case of excessive wear or eccentric wear, drive the vehicle to a BYD authorized dealer or service provider for four-wheel alignment and relevant inspection.
- Wheel nuts: Make sure that no nuts are loose or missing.
- Leaks: After the vehicle stops, check the underneath for leaking oil, coolant or other fluids (drops formed by the operation of the A/C system are normal).
- Lights: Confirm that headlights, stop lights, position lights, turn signals, and other lighting facilities all work normally. Check the light intensity of headlights.

Inside the Vehicle

- Seat belts: Check whether the buckles can be fastened, and confirm that the belt webbing is not worn or frayed.
- Instruments and controls: Confirm that the instrument cluster indicators, lights and defroster system work normally.
- Brakes: Confirm that the pedal has enough free travel.

Inside the Front Compartment

- Coolant level: Confirm that the coolant level is correct.
- Start battery and cable: Check the connector for corrosion or looseness, and check the housing of the start battery for cracks.

How to Start the Motor

Normal Starting Procedure

- Make sure the electronic intelligent key (personally held) is in the vehicle (1).
- Press the brake pedal forcibly (2).
- Press the START/STOP button once when its indicator turns green to start the vehicle (3).



CAUTION

- Press the START/STOP button slowly and forcibly.

When the Electronic Intelligent Key Has a Dead Battery

- If the electronic intelligent key indicator does not flash, and the vehicle cannot be started with the start function, the key may have a dead battery. Replace the electronic intelligent key battery as soon as possible.

- Replacement of electronic intelligent key battery

  If the electronic intelligent key has a dead battery, contact a BYD authorized dealer or service provider for replacement.

Starting the Vehicle with the Electronic Intelligent Key with Dead Battery

- If the motor cannot be started due to low battery of electronic intelligent key, you may start the vehicle as per the following steps:

  - Press the START/STOP button. The electronic intelligent key warning light will light up and the speaker in the vehicle will sound once.



  - Place the electronic intelligent key close to the START/STOP button within 30s after the speaker sounds (with a distance less than 10 mm). The speaker will sound once again and the electronic intelligent key warning light will go off.
  - Within 5s after the electronic intelligent key gets close to the button, press the brake pedal and the START/STOP button will turn green. At this time, press the START/STOP button to start the vehicle.

How to Start the Motor in Emergency

Before Starting

- Apply the parking brake firmly.
- Turn off all unnecessary lights and accessories.
- Automatic transmission: Shift to P or N gear.

Starting the Motor

- With the electronic intelligent key in the vehicle, press and hold the START/STOP button for more than 15s to start the motor.
- Before starting, be sure to follow the instructions in "Before Starting".

Circumstances Where the Motor Cannot Be Started Normally

- Possible causes for failure to start the motor when the START/STOP button is pressed:

  - If the electronic intelligent key does not work and its warning light on the instrument cluster flashes, it indicates that the key may have a dead battery. Hold the key and move it close to the START/STOP button to start the vehicle. For details, refer to "Starting the Vehicle with the Electronic Intelligent Key with Dead Battery" in this section, and contact a BYD authorized dealer or service provider for battery replacement.
  - If the motor needs to be started repeatedly in a short period of time, wait for 10s before the next start. If it fails to start, the orange indicator of the START/STOP button will flash.
  - If the green indicator of the START/STOP button flashes, it indicates that the steering wheel is locked. To release it, press the START/STOP button and slightly shake the steering wheel at the same time.

- In addition to the above causes, the PEPS system may also fail to work normally in some cases due to different environments. Please refer to "PEPS System" in this section for details.

PEPS System

Use Tips of PEPS System

- If the PEPS system is used, the vehicle can be started only with the electronic intelligent key.
- If the driver is unaware that the electronic intelligent key has been taken away from the vehicle, the shutdown motor cannot be restarted.
- Before getting off the vehicle, the driver should check whether the vehicle is powered off.
- The driver should confirm whether the electronic intelligent key is carried during driving and before getting on and off the vehicle.

CAUTION

- Do not touch the START/STOP button while driving.
- If it is necessary to power off the vehicle during driving, press and hold the START/STOP button for more than 3s.

Circumstances Where the PEPS System May Not Work Normally

- There are facilities emitting strong electromagnetic waves in the vicinity, such as television towers, power stations, and radio stations.
- The electronic intelligent key is carried together with a communication device, such as a two-way radio communication device or a mobile phone.
- The electronic intelligent key comes into contact with, or is covered by, any metal object.
- The microswitch is operated quickly.
- The electronic intelligent key approaches the microswitch.
- Someone uses a remote control in another nearby vehicle.
- The electronic intelligent key has a dead battery.
- The electronic intelligent key is near high-voltage equipment or equipment that produces noise.
- The electronic intelligent key is carried together with another vehicle's key for the PEPS system or with any other radio transmitter.

Saving Battery Power

Communication between the key and the vehicle occurs even when the vehicle is not in motion. Therefore, do not leave the key close to the vehicle (within a range of 2 m).

Reactivating the PEPS System

- To reactivate the PEPS system, use any of the following methods:
  - Approach with the electronic intelligent key, and press the microswitch on the exterior handle of the front right door or the microswitch on the tailgate.
  - Perform wireless remote control.
  - If the electronic intelligent key receives strong electromagnetic waves over a prolonged period, the battery runs out rapidly. The electronic intelligent key must be kept at least 1 m from the following devices: television, personal computer, mobile phone charger, electrolier and fluorescent desk lamp.

NOTE

- Any unauthorized changes or modifications may cause malfunction of certain equipment.

CAUTION

- Do not change the transmission frequency, increase the transmission power (such as adding transmission frequency amplifiers), add an external antenna or replace the transmission antenna without prior authorization.
- Do not cause harmful interference to various legal radio communication services when using the electronic intelligent key. Once interference is found, stop using it immediately and take measures to eliminate interference before continuing to use it.
- Micropower radio equipment must withstand the interference of various industrial, scientific and medical radio services. Do not use such equipment on aircraft and near airports.

Steering System

- This vehicle is equipped with the electric power steering (EPS) system.
- By controlling the motor speed, the ECU of this system controls the output of steering force, so as to realize power steering control.

WARNING

- If the steering system MIL lights up, the steering will become heavy. In this case, hold the steering wheel tightly while driving, park the vehicle in a safe place, and contact a BYD authorized dealer or service provider.

Gearshift Actuator

Gearshift Lever of Automatic Transmission

Position	Function
P	Park
R	Reverse
N	Neutral
D	Drive



P Gear Lock Switch

With the vehicle power mode in OK, press the P gear lock switch. The controller will make judgments based on the vehicle state. If the control strategy requirements are met, the electronic parking brake (EPB) function will be activated, the button indicator will light up, and the vehicle will shift to P mode.



Electronic Parking Brake (EPB)

EPB Switch

The EPB switch replaces the traditional handbrake.

- The EPB switch is installed on the gearshift panel.



Manually Engaging the EPB

Pull the switch. The indicator (P) on the instrument cluster will flash and then remain on, indicating that the EPB is engaged. At the same time, a text prompt reading "EPB engaged" will be displayed.

CAUTION

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

Automatically Engaging the EPB

- Powering off the vehicle engages the EPB automatically:
  - After pressing and holding the brake pedal to stop the vehicle, press the START/STOP button to turn off the power (switching the power from OK to OFF), and the EPB will engage automatically. Do not release the brake pedal until the indicator on the instrument cluster stops flashing and stays on, with a text prompt reading "EPB engaged".
- Shifting to P gear engages the EPB automatically:
  - Press and hold the brake pedal after the vehicle stops, and shift to the P gear to engage the EPB automatically. Do not release the brake pedal until the indicator on the instrument cluster stops flashing and stays on, with a text prompt reading "EPB engaged".

Manually Releasing the EPB

With the vehicle started, press the brake pedal to shift to a gear other than P, and press the EPB switch at the same time. When the indicator on the instrument cluster goes off, it indicates that the EPB is released with a text prompt reading "EPB released".

Automatically Releasing the EPB during Start

- When the vehicle is parked, start the vehicle, press and hold the brake pedal, and shift to D or R from P or N to automatically release the EPB. The indicator (P) will go off with a text prompt reading "EPB released".
- With the vehicle started and the gearshift lever in the D or R position, manually engage the EPB and then slowly press the accelerator pedal to a certain depth to release the EPB automatically. The indicator (P) will go off with a text prompt reading "EPB released".

CAUTION

- Please follow proper gearshift instructions, and press the brake pedal during gearshift.

Starting on Hill

For a hill start, confirm that the switch has been pulled (the indicator (P) will light up if the switch has been pulled), and then operate as per "Automatically Releasing the EPB during Start".

Emergency Braking Function

- When braking is needed during driving but it is found that the pedal brake has failed or is blocked, keep pulling the switch  to forcibly brake the vehicle until it stops. At this time, the indicator (P) on the instrument cluster will light up, an audible alarm will be sent out, and a text prompt reading "EPB not released" will be displayed.

WARNING

- Avoid using the EPB to stop the vehicle. The emergency braking function can only be activated in case of emergency situations such as pedal brake failure or brake pedal blocked.
- As the EPB cannot go beyond the physical limit of road adhesion, activating the emergency braking function may cause the vehicle to drift, slip or deviate when the vehicle passes through curves, dangerous sections, and traffic congestion sections, or when the vehicle is driven in severe weather conditions. Caution should be exercised to prevent accidents.

Failure Release Function

- In case of manual release failure of the EPB, press and hold the switch  for more than 2s. If the EPB can be released, drive the vehicle to the nearest service provider as soon as possible to check the brake pedal switch signal and related parts and circuits; if it still cannot be released, contact a BYD authorized dealer or service provider immediately.
- Avoid forcible braking by using the EPB as much as possible in the event that the braking effect is weak with the EPB switch pulled only and obvious with the EPB switch pulled and the brake pedal pressed. The emergency braking function can be activated only in emergency cases such as pedal brake failure or brake pedal blocked.

EPB System Indicator

- If the START/STOP button is turned to ON with the switch  pulled, the indicator (P) on the instrument cluster will light up.
- If the START/STOP button is turned to OFF with the switch  pulled, the indicator (P) on the instrument cluster will go off about 30s later.
- If the START/STOP button is turned to ON and the EPB system performs self-inspection, the indicator (!) on the instrument cluster will light up and then go off about 3s later. If it does not go off, it indicates that there may be a fault in the EPB system. In this case, contact a BYD authorized dealer or service provider.

EPB Working Sound

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

WARNING

- To prevent the vehicle from sliding, do not park the vehicle with the gearshift mechanism instead of the EPB before leaving the vehicle. Be sure to engage the EPB and keep the vehicle in P mode.
- No passenger in the vehicle is allowed to operate the EPB switch when the vehicle is in motion. Fully engaging the EPB may cause a serious accident.
- When engaging or releasing the EPB, press the brake pedal as far as possible to prevent the vehicle from sliding and the resulting gear blocking when the EPB cannot output enough parking force.

Using Driving Assist Features

Parking Assist System (If Any)

WARNING

- Follow the following instructions when using the parking assist sensors:
  - Do not use the sensors when the vehicle speed exceeds 10 km/h.
  - Do not place any articles within the sensors' working range.

CAUTION

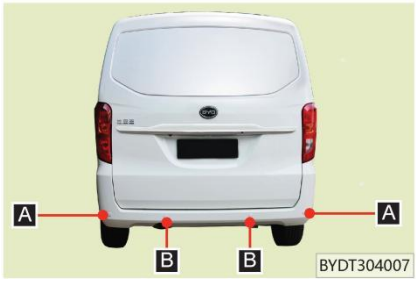
- Do not place any articles within the sensors' working range to prevent accidents due to unsafe driving.
- Do not wash the sensors with water or steam; otherwise, they may malfunction.

- During parking, the parking assist system uses radar sensors to detect obstacles and informs the driver of the distance between the vehicle and any obstacle through a symbol on the touchscreen (if any) and an alarm emitted through the speaker.
- The parking assist system helps with reversing. Please observe the surroundings while reversing.
- The parking assist system operates with the vehicle power mode in OK and R gear engaged.

- Sensor type

A Rear corner sensor

B Rear central sensor



Parking Assist System Switch (if Any)

- The Park Assist is powered on by default, and the indicator is on. When the gearshift lever is shifted to R gear, the Park Assist will be activated, and the vehicle will give an alarm if there is an obstacle in the surroundings. To deactivate the Park Assist, press this button.



CAUTION

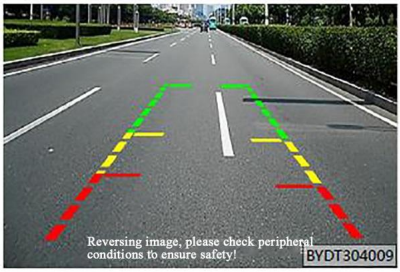
- The Park Assist is activated by default when the gearshift lever is shifted to R gear. After being deactivated, it will be activated if the gearshift lever is shifted to R gear again as the deactivation is only valid for the current operation.

Display

When the sensor detects an obstacle, the corresponding symbol will be displayed on the touchscreen (if any) based on the orientation of the obstacle and the distance between the vehicle and the obstacle.

Reversing System (If Any)

When the gearshift lever is shifted to R gear, the infotainment system will automatically activate the reversing view. For the user's convenience, the delayed exit function is provided. The user may use the control button on the infotainment touchscreen to exit the reversing view. Alternatively, it will automatically exit when the vehicle runs forward and reaches a certain speed, or when P gear is engaged.



Distance Display and Speakers

When the sensor detects an obstacle, the orientation of the obstacle and the approximate distance between the vehicle and the obstacle will be displayed, the speaker will sound, and the corresponding indicator will flash at the same frequency.

- Working Example of Rear Central Sensor

Approximate Distance (mm)	~1200-800	~800-500	~500-300
Indicator			
Alarm Sound	Display in green Slow intermittent	Display in yellow Fast intermittent	Display in red Continuous

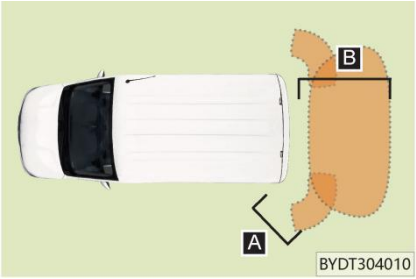
- Working Example of Rear Corner Sensor

Approximate Distance (mm)	~600-500	~500-300
Indicator		
Alarm Sound	Display in yellow Fast intermittent	Display in red Continuous

Level	1	2	3
Rear left corner sensor	--	600~500mm	500~300mm
Rear central sensor	1200~800mm	800~500mm	500~300mm
Rear right corner sensor	--	600~500mm	500~300mm

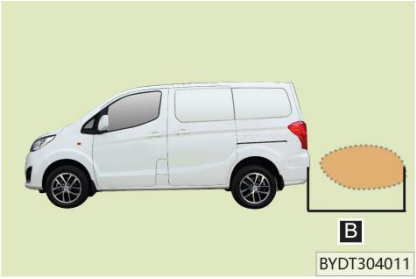
Working Sensor

- All sensors work when the vehicle is reversing.
- The detection range of the sensors is shown in the figures. The above detection range is limited. Before reversing, check the surroundings of the vehicle and then slowly reverse.



A: about 600 mm

B: about 1,200 mm



CAUTION

- The parking assist system is only used to assist you in parking and cannot substitute your personal judgment. Be sure to operate the vehicle based on your observation.
- Do not place accessories or other articles within sensors' obstacle detection range, or the system's normal operation will be affected.
- In some cases, the system cannot operate normally, and will fail to detect certain objects as the vehicle approaches them. Therefore, be sure to observe the vehicle's surroundings at all times. Do not rely solely upon the system.

Sensor Detecting Information

- Some vehicle conditions and surroundings may affect the performance of the sensors to accurately detect obstacles. The specific circumstances that may have an impact are as follows:
  - There is dirt, accumulated water or fog on the sensors.
  - The sensors are covered with snow or frozen.
  - The sensors are obscured in any way.

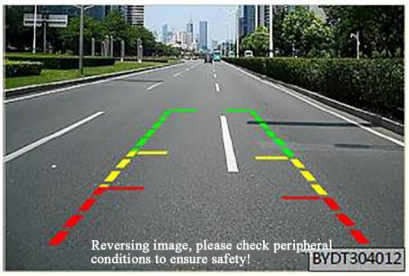
- The vehicle is significantly tilted or excessively overloaded.
- The vehicle is running on particularly bumpy roads, slopes, macadam or grass.
- The sensors are repainted.
- It is very noisy in the vicinity of the vehicle due to the sound of vehicle horns, motorbike engines, the screech of brakes of large vehicles, or ultrasounds.
- There is another vehicle equipped with parking assist system nearby.
- The vehicle is fitted with a towing eye.
- The bumper or sensor is strongly impacted.
- The vehicle is approaching a high or tortuous curb.
- The vehicle is in scorching sun or severely cold weather.
- The installed suspension is not genuine and is lower than the genuine ones.

- In addition to the above, the sensors may not be able to correctly determine the actual distance of some objects due to their specific shape.
- The shape and material of the obstacle may prevent the sensor from detecting it. Pay special attention to the following obstacles:
  - Wires, fences, ropes, etc.;
  - Cotton, snow and other materials that absorb radio waves;
  - Objects with sharp edges and corners;
  - Low obstacles;
  - High obstacles with the upper part extending outward towards the vehicle;
  - Objects under the bumper;
  - Objects close to the vehicle;
  - People in the vicinity of the vehicle (depending on the type of clothing).
- If the touchscreen (if any) displays a symbol or the speaker sounds, it may indicate that the sensor detects an obstacle or experiences external interference.
- If this persists, have the vehicle checked at a BYD authorized dealer or service provider.

Reversing Camera System (If Any)

When the vehicle is shifted to R, the touchscreen automatically displays a reverse image.

- You can exit the reverse image if:
  - The vehicle stops and is shifted to P.
  - The vehicle runs forward at a speed exceeding 10 km/h.
  - The vehicle runs forward, and the system is manually switched to the infotainment mode.
  - The vehicle runs forward at a speed exceeding 10 km/h for 10s.



Tire Pressure Monitoring System (If Any)

System Description

- This system is an auxiliary system installed on the vehicle that monitors parameters such as tire pressure in real time, displays and alarms with visual and audible signals, so as to improve the driving safety and comfort of the vehicle, and reduce accelerated wear of tires and increase of vehicle energy consumption caused by insufficient tire pressure.
- The system consists of tire pressure monitoring module, tire pressure control module and display module. The tire pressure monitoring module is installed on the valve of radial tire (tubeless tire), the tire pressure control module is installed inside the compartment, and the display module is implemented by the instrument cluster.
- Its instrument information includes vehicle traveling information and prompt message. In case of no prompt message, the vehicle traveling information is displayed and the steering wheel button  can be pressed to select the tire pressure display interface.
- For the standard pressure value of this vehicle, please refer to the vehicle parameters in the vehicle specifications.
- The pressure data are displayed depending on the unit (kPa~psi~bar). The pressure is displayed at an accuracy of 1 in kPa or psi, and of 0.1 in bar, where 1(psi)=6.895(kPa) and 1(bar)=100(kPa). Pressure units of four tires can be switched at the same time.
- The temperature data are displayed depending on the unit (°C~°F). The pressure is displayed at an accuracy of 1 in both °C and °F. For the conversion, n°C =(9/5•n+32)°F. Temperature units of four tires can be switched at the same time.

This system features the following:

- User-friendly man-machine interface, and display through the LCD screen on the instrument cluster, being reliable, aesthetic, practical and simple;
- Alarm of low tire pressure and abnormal signal;
- Simultaneous display of four tire pressure values;
- Real-time monitoring of tire pressure change.

Basic System Functions

- Startup alarm
  - If the tire is already in a low pressure state when the vehicle is powered off, the system will give a low-pressure alarm immediately after the vehicle is powered on to prompt the driver to inflate the tire before driving.
- Low tire pressure alarm
  - When the pressure of any tire is lower than 80% of the standard tire pressure and the TPMS is in operating state, the system will give a low tire pressure alarm and indicate the specific tire with low pressure.
  - Inflate the tire to the standard pressure after the low-pressure alarm. When the tire pressure is greater than 95% of the standard pressure, the low-pressure alarm will be canceled.
- Abnormal signal alarm
  - The system, if in operating state, sends out an alarm signal after a fault occurs.
- Real-time display of tire pressure
  - The TPMS, if in operating state, can display the pressure of each tire in real time.

Description of Alarm Display

The TPMS MIL is .

Alarm	Display Mode	Recommended Action
Low tire pressure	1. The MIL lights up. 2. The tire pressure value turns yellow.	Check the corresponding tire for slow air leakage and inflate the tire to a proper pressure range.
Abnormal signal	1. The MIL flashes and then remains on. 2. The tire pressure value is displayed as: abnormal signal.	Check whether the corresponding tire pressure monitoring module is normal and whether it is within the range of a large electric field for a long time.
System fault	1. The MIL flashes and then remains on. 2. Text prompt: Check the tire pressure monitoring system. 3. The tire pressure value is displayed as: abnormal signal.	Check whether the tire pressure monitoring module and the tire pressure control module are normal, and replace them if necessary.

Precautions

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

WARNING

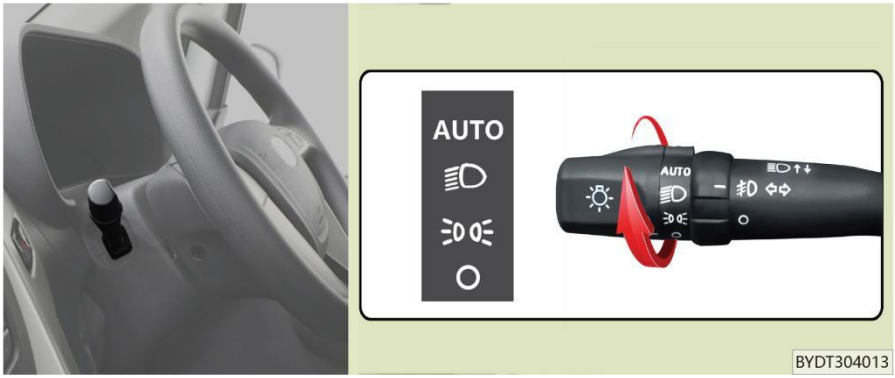
- If the tire pressure is abnormal, the system does not prevent the vehicle from running. Therefore, each time before driving, the vehicle should be statically started to check whether the tire pressure meets the manufacturer's requirements. If not, do not drive the vehicle; otherwise, the vehicle may be damaged or personal injury may be caused.

WARNING

- If abnormal tire pressure is found during driving, check the tire pressure immediately. If the TPMS MIL lights up, do not conduct sudden steering or emergency braking, but reduce the speed and pull over the vehicle as soon as possible. Driving with low tire pressure may cause permanent damage to the tire and increase the possibility of tire scrapping. If the tire is seriously damaged, it may cause traffic accidents and serious casualties.

Description of Other Main Functions

Headlights



- Turn the knob at the top of the left multi-function switch to turn on the following lights:
  - OFF: Turn off all lights of the headlights.
  - Position light: Turn on the position lights (including front position lights, rear position lights, rear license plate light, instrument backlight and vehicle backlight).
  - Low beam: Turn on the low beams and position lights.
  - AUTO Turn on the low beams and position lights. These lights light up or go off automatically based on the light intensity sensed by the light intensity sensor.

NOTE

- The light intensity sensor is located at the top of the dashboard panel. Do not cover the sensor or splash any liquid on it.

NOTE

- AUTO position is for normal use. There may be risks caused by the failure of automatic illumination of lights in a position other than AUTO.

High Beams

- High beam on/off : Push the multi-function switch lever forward from the normal position (away from the steering wheel) to turn on the high beams, and pull it back to the normal position to turn off the high beams.



- High beam flashing: Pull the multi-function switch lever back from the normal position (to the steering wheel) for high beam flashing, and release it to automatically return to the normal position to turn off the high beams. By turning the knob to OFF position, high beams will also flash.

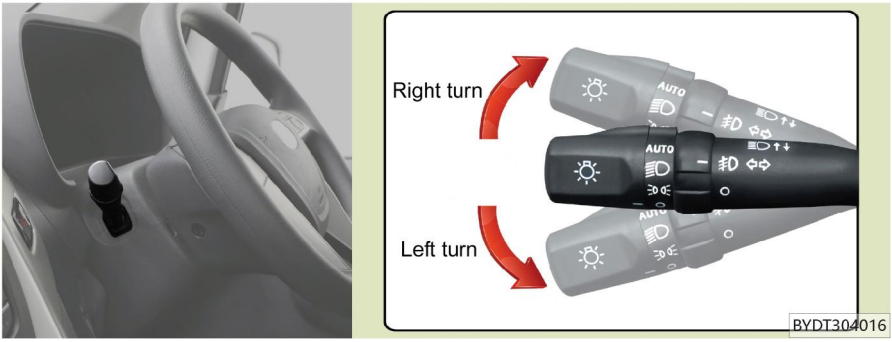


NOTE

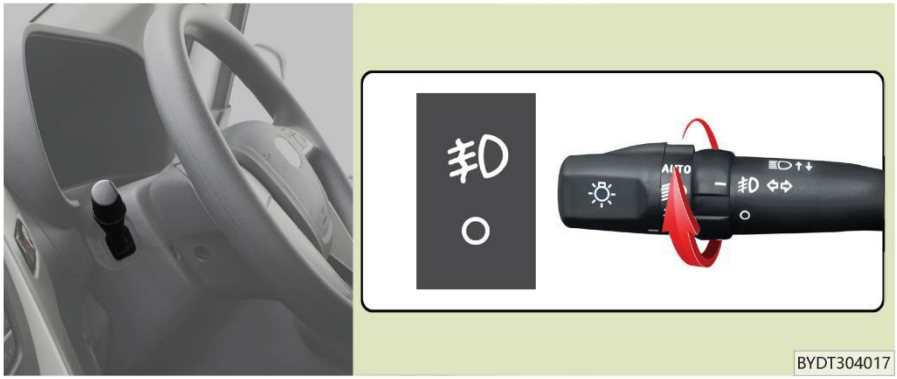
- To prevent over-discharge of the start battery, do not turn on lights for a prolonged duration when the motor is not running.

Turn Signals

Push the lever up/down gently for turn signal flashing, and release it to let it return to the normal position automatically. Even if the lever is released after it is pushed to the uppermost or lowermost point, the turn signals will flash continuously, and will be turned off after the vehicle completes the turn.



Front Fog Lights (If Any)



- With headlights on, the front fog light knob can be used to turn on the front fog lights.
- Front fog light on: Turn the front fog light knob upward to . At this time, the indicator on the instrument cluster will light up.
- Turn the knob at the top of the left multi-function switch to OFF position to turn off the headlights and front fog lights; and turn it to or again to turn on the front fog lights. To completely turn off the front fog lights, turn the front fog light knob to .

Rear Fog Lights

- To turn on the rear fog lights after the headlights are turned off, turn on the headlights and press the rear fog light button.
- When the multi-function switch knob is in , the rear fog lights will turn off automatically.



Interior Light Switch (If Any)

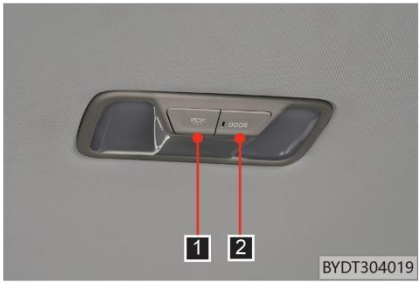
Front Interior Lights

Configuration I

1 Interior light control switch

2 Door light control switch

- Press the interior light control switch to turn on the interior lights and press it again to turn them off.



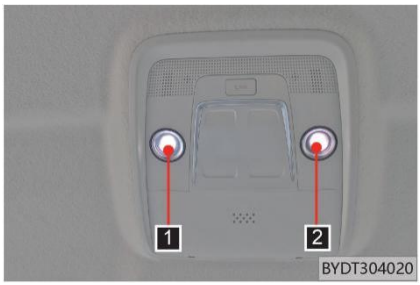
- When the door light control switch (DOOR) is pressed, the DOOR indicator will light up. The interior lights automatically turn on when any door is opened and automatically turn off within 15s after all doors are closed or a few minutes after the vehicle is powered off.

Configuration II

1 Left interior light control switch

2 Right interior light control switch

Touch the front left/right interior light control switch to turn on the front left/right interior light, and touch it again to turn off the corresponding interior light.



Cargo Space Light (If Any)

Press the cargo space light switch to turn on the cargo space light, and press it again to turn off the cargo space light.

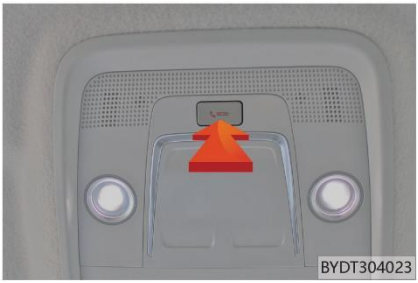


Cargo space light



Emergency Call (eCall) (If Any)

- eCall refers to emergency call, and is enabled by default in the factory.
- eCall is manually triggered to call the emergency rescue center if the SOS button is manually pressed and held for less than 10s and is not pressed and lifted within 5s.



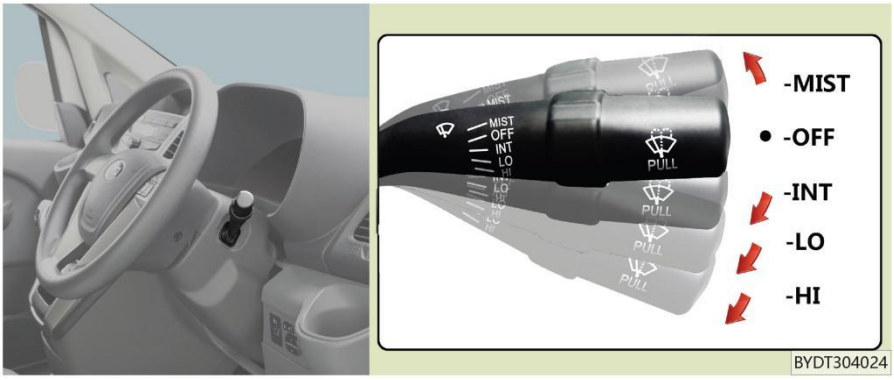
- In case of a serious accident (such as the airbag module signal triggered), eCall will trigger automatically to call the emergency rescue center.

CAUTION

- If the SOS button is pressed and held for more than 20s, the system identifies it as a fault and will not trigger eCall.
- eCall can only be triggered after the vehicle is started, and cannot be triggered when the vehicle is powered off.
- When an SOS call is dialed, the call cannot be canceled.

Windshield Wipers and Washers

Front windshield wiper and washer



- The control lever controls the front windshield wiper and washer. This wiper is available in five levels:
  - MIST: mist level
  - OFF: wiper off
  - INT: intermittent level
  - LO: low level
  - HI: high level

Pulling back the wiper control lever activates water spraying without wiping if the action time is short (within 0.5s), and activates constant water spraying and low-speed wiping if the action time is long. When the lever is released, the wipers will wipe three times automatically and return to the normal position.



NOTE

- Check and clean the wiper blades at regular intervals.
- Dry wiping is prohibited. Do not use the wiper just as it starts raining, as rainwater mixed with sand and dust may momentarily blur your view, affecting driving safety.
- Please use glass detergent, because water or other types of detergents may damage the washer motor.

Rear windshield wiper and washer (if any)

- Turn the knob at the top of the wiper control lever to:
  - : Enable the rear windshield wiper and washer to work simultaneously.
  - OFF: Stop the rear windshield washer.
  - ON: Start the rear windshield wiper.
  - : Enable the rear windshield wiper and washer to work simultaneously.



BYDT304026

NOTE

- The rear wiper wipes at a low speed of 2 m/s.
- Check and clean the wiper blades at regular intervals.
- Dry wiping is prohibited. Do not use the wiper just as it starts raining, as rainwater mixed with sand and dust may momentarily blur your view, affecting driving safety.
- Please use glass detergent, because water or other types of detergents may damage the washer motor.

Side Mirrors

Adjust the side mirrors to see the sides of the vehicle properly.

WARNING

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

Manually Folding Side Mirrors

- When the vehicle is parked in a place with limited space, the side mirrors can be folded backward.
- To fold a side mirror, push it backward.


BYDT304027

CAUTION

- Do not fold a side mirror while driving. Extend and properly adjust the side mirrors before driving.

Manually Adjusting Side Mirrors (If Any)

Press the mirror edge by hand to adjust the mirror direction as needed.


BYDT304028

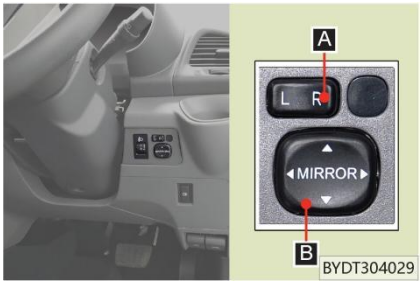
CAUTION

- If the side mirrors are frozen, use a jet deicer to clean the mirrors instead of attempting to operate the control switch or scrape the mirror surfaces.

Electrically Adjusting Side Mirrors (If Any)

- Use the following buttons to adjust the side mirrors:
  - Set the power mode in OK.
  - Selection button A: Press "L" or "R" to select the side mirror to be adjusted.

- Adjustment button B: Press the button to adjust the side mirror direction as needed.



Charging Instructions

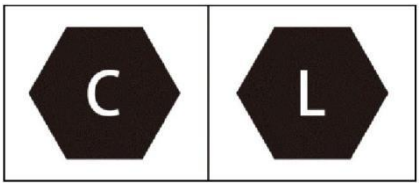
Charging Instructions

Charging Safety Warnings

- Never allow juveniles to touch or use the charging equipment, and always keep them away during charging, as the charging equipment is a high-voltage electrical appliance.
- Since charging may affect medical or implantable electronic devices, please consult the electronic device manufacturer before charging.
- Charge the vehicle in a safe environment (away from liquid, fire, or heat sources).
  - When charging in rain, please protect the charging device from water ingress.
- Inspection and procedure before charging:
  - Ensure that there are no abnormalities with the power supply equipment, charging connector, charging port, adapter, etc., such as cable wear, port rust, housing rupture or foreign matters in the port.
  - Do not charge the vehicle when the metal terminal of the power plug/socket or the charging connector/charging port is damaged or loosely connected due to rust or corrosion.
  - When there is obvious staining or moisture on the charging connector/charging port and the power plug/socket, please wipe it with a dry, clean cloth to ensure that the connection is dry and clean.
- Use charging equipment specifically designed for electric vehicles that complies with local standards:
  - Do not modify, disassemble, or repair the charging equipment and related ports to avoid charging failure and fire.
  - Uncertified products are strictly prohibited.
- To reduce the risk of electric shock, never operate equipment with wet hands.
- If there is anything abnormal about either the vehicle or charging equipment when charging, stop charging immediately and contact a BYD authorized dealer or service provider.
- During charging, the following precautions must be taken to prevent damage:
  - Do not shake the charging connector. Doing so may damage the charging port of the vehicle.
  - It is not recommended to charge the vehicle during a thunderstorm, for risk of lightning.
- Do not open the hood for maintenance during charging.
- After charging, do not disconnect the charging equipment with wet hands or while standing in water; otherwise, it may cause electric shock and personal injury.
- Before driving, be sure to disconnect the charging equipment from the charging port.

Compatibility of vehicle and charging infrastructure

- These signs are provided on the on-board charging socket and charging infrastructure components (charging stations, sockets).
- These signs refer to standardized charging systems in accordance with DIN EN 62196.



Charging Precautions

- Charge the vehicle immediately when the SOC bar on the instrument cluster reaches the red area, for it indicates that the high-voltage battery is about to run out and failure to do so reduces the battery service life.
- Precautions for avoiding damage to charging equipment:
  - Do not hit the charging equipment, and prevent mechanical damage due to falling or collision.
  - Do not expose the charging equipment to heat.
- Connecting charging connector before charging:
  - Ensure that there are no foreign matters in the charging connector and charging port, and the electric shock protection cap of the charging connector terminal is not loose or deformed.
  - Hold the charging connector, align it with the charging port and push it in. Check to ensure it is properly inserted.
- Disconnecting charging connector after charging:
  - DC charging:

    Stop charging at the charging pile end or by unlocking the vehicle. To unlock the vehicle, continuously press twice the driver's door unlock button or the unlock button on the key.
  - AC charging (if any):

    Stop charging at the charging pile end or by unlocking the vehicle. To unlock the vehicle, press once the driver's door unlock button or the unlock button on the key.
  - Do not forcibly pull out the charging connector when the charging port is locked for fear of damaging the charging port.
- Charging can be carried out in any power mode. To ensure safety, it is recommended to power off the vehicle before charging.
- Precautions during charging:
  - The A/C can be used normally during charging. However, in order to ensure proper charging power, it is not recommended to turn on the A/C during charging.
  - During charging, it is recommended to park the vehicle in a ventilated place and do not leave anybody in the vehicle.
- After the high-voltage battery is fully charged, the charging system automatically stops.
- To stop charging, turn off the AC charging pile or DC charger first before disconnecting the charging adapter.
- After charging ends and the charging connector is disconnect, reinsert the charging port protection cover and close the port hatch to prevent water or foreign matters that may affect the normal use.

- Before starting the vehicle, make sure that the charging equipment has been disconnected. If the charging equipment locking mechanism is not fully engaged, the vehicle may be able to run in gear, resulting in damage to both the charging equipment and the vehicle.
- If the vehicle has not been used for an extended period of time, it is recommended to fully charge it before driving. In order to prolong the service life of the high-voltage battery, charge it once every 3 months during vehicle storage (see "Battery Use Suggestions" for details).
- When the battery temperature is too high or too low, the charging performance of the vehicle may be affected.
    - When the battery is charged at low temperatures, the temperature control system can improve the battery's low-temperature charging capacity. It is normal that a limitation in the charging pile output capacity prolongs charging and heating time, and increases heating power consumption.
    - During DC charging, low temperatures and high SOC will reduce the charging current due to the battery's low temperature characteristics. Therefore, to improve charging speed, charging from a low SOC is recommended.
    - To improve your experience, charge the vehicle immediately after use as the battery temperature is relatively high and the charging performance is better at that moment.
    - In cold regions, it is recommended to charge the vehicle indoors with heating.
- When the battery cooling or heating (if any) function is activated, it is normal that both the charging time and power consumption will increase.
- During charging, the compressor, fan and other parts work as required for battery cooling. It is normal that there are some sounds in the front compartment.
- During charging, when the battery cooling or heating (if any) function is activated, it is normal that the charging power displayed by the instrument cluster decreases or fluctuates for a short time.
- Before charging is completed, battery equalization is activated to improve the service life, which may prolong the charging time.
- During charging, the expected remaining time to full charge is displayed on the instrument cluster. It is normal that the remaining time to full charge may vary depending on such different conditions as temperature, SOC, and charging facilities.
- If the charging port hatch is frozen due to weather conditions or other reasons, use hot water to melt the ice before opening the charging port hatch. Do not forcibly open it.

NOTE

- Do not forcibly open the charging port hatch when it is locked.
- Do not forcibly attempt to insert the charging connector when the electric lock is engaged.
- Do not close the charging port hatch when the charging port protection cover is fully open.
- It is normal that the cooling fan and A/C compressor start working due to battery cooling after off-vehicle charging.

Charging Mode

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

The vehicle can be charged in two ways:

1. Single-phase AC charging with charging pile (if any)
2. DC charging with charger

- The charging time of a high-voltage battery varies with the charging mode, current SOC, real-time temperature, service time, ambient temperature, and other factors.
- Use charging equipment that complies with local standards.

Charging Modes

1. Scheduled charging (charge the vehicle at a scheduled charging time)

For the detailed setting process, see scheduled charging settings on instrument cluster.

2. Instant charging (start charging immediately after connection to the charging port or relevant operations)

General Charging Fault Diagnosis

Fault	Possible Causes	Solution
Charging failure with physical connection completed and charging started	Charging card in arrears or charging pile fault	Check the charging card balance or contact charging station staff.
	Improper connection of AC charging adapter	Ensure that the charger switch has popped up. Check the charger plug length and connection position of the charging equipment.
	Excessive discharge of the start battery in the front compartment	Connect the vehicle to a 12V power supply of another vehicle to charge its own start battery in the front compartment after it is started.
	No power supply in local standard socket	Confirm whether the power supply is under overload protection. Please use a special 220V 50Hz 10A standard single-phase two-pole grounded socket for charging.
	Fault of vehicle or AC charging adapter	Check whether the powertrain MIL lights up or a charging system fault prompt is displayed. If so, stop charging and contact a BYD authorized dealer or service provider.
	High-voltage battery temperature higher or lower than a specified value	Allow the high-voltage battery to be heated or cooled before charging, place the vehicle at an appropriate temperature, and charge the vehicle after the temperature is normal.
	High-voltage battery fully charged	Charging will stop automatically when the high-voltage battery is fully charged.

Fault	Possible Causes	Solution
Charging interrupted	Charging cables not fully connected	Confirm whether the charging adapter cable is firmly connected.
	AC power supply interrupted	Charging will restart automatically a while after the power supply is restored. If it does not, reinsert the charging connector to start the charging equipment.
	High-voltage battery overtemperature	When the high-voltage battery overtemperature alarm indicator on the instrument cluster lights up, charging will stop automatically and restart after the battery has cooled down.
	Vehicle or charging pile fault	Check where there is any charging pile or vehicle fault prompt, and contact a BYD authorized dealer or service provider if necessary.

Charging Methods

- Inspection before charging:
  - Make sure that the charging equipment is free of any abnormalities such as housing rupture, cable wear, plug rust or foreign matters.
  - Do not charge the vehicle in case of loose connection of the charging adapter.
  - Make sure that there is no water or foreign matters in the charging port, and that the metal terminal is not rusty or corroded.
  - In any of these cases, do not perform charging, or it may cause a short circuit or electric shock, resulting in personal injury.

Single-phase AC Charging with Charging Pile (If Any)

1. Equipment description

- Single-phase AC charging pile
  - Use single-phase AC charging piles in public places to charge the vehicle.
  - Equipment specification: Refer to the charger instructions.

WARNING

- See Charging Instructions for specific charging safety warnings.

CAUTION

- Pay attention to the parking position before charging to ensure that the charging cable is not fully extended during charging.
- If you need to stop charging before the battery is fully charged, try to stop charging via the charging equipment first instead of directly disconnecting the charging connector.
- See Charging Instructions for specific charging precautions.

2. Charging instructions

Connect the vehicle to the AC charge pile/box by the charging connector of this pile/box to begin charging.

Instant charging method:

- Unlock and open the charging port hatch, and then remove the AC charging port cap:
  - With the vehicle powered off, pull up the charging port hatch release button on the driver's side to open the charging port hatch on the front grille.





  - Remove the AC charging port cap, and make sure that the ends of the charging plug and socket are free of obstacles.



- Connect the power supply port:
  - Skip this step if an AC charging pile equipped with a charging connector is used.
- Connect the vehicle charging port:
  - Connect the charging connector of the charging equipment to the AC charging port, and lock it securely.
- Charging setting:
  - Skip this step if a public AC charging pile without any setting option is used.
  - For AC charging piles/boxes in public places with setting options available, swipe the card or scan the QR code for setting. See the instructions of the charging pile/box for specific operations.



- The charging connection indicator on the instrument cluster lights up.
- During charging, the instrument cluster displays relevant charging parameters and the charging screen.
  - Scheduled charging can be set through the instrument cluster. For the detailed setting process, see scheduled charging settings on instrument cluster.

3. Instructions for stopping charging

- Stop charging:
  - The charging stops automatically when the charging equipment is set to stop charging in advance or when the vehicle is fully charged.

- Disconnect the charging port:
  - Disconnect the charging connector after its electric lock is unlocked.



NOTE

- To unlock the vehicle, press the unlock button on the key (during charging when the vehicle is powered off) or the microswitch on the door handle (when the key is nearby).
- Please unlock the vehicle to release the electric lock of the charging port, and disconnect the charging connector within 30s; otherwise, the electric lock of the charging port will be re-engaged.
- Set the electric lock working mode via the infotainment system, as detailed in "Electric Lock Control of Charging Port".
- If the charging connector fails to be unplugged after unlocking, try to unlock the charging port several times. If it still fails, try to use emergency unlocking. See "Charging Port Emergency Unlocking" under "Electric Lock Control of Charging Port" for details.

- Reinstall the charging port cap and close the charging port hatch.
- Properly place the charging equipment.
  - Place the charging connector at the designated position in the AC charging pile/box (if used).

DC Charging with Charger

1. Equipment description

- Charge the vehicle with DC chargers in public places, which are generally installed in specific charging stations.
- Equipment specification: Refer to the charger instructions.
- Charging time: Refer to the charging time prompt on the instrument cluster.

2. Charging instructions

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

Instant charging method:

- Before charging, power off the vehicle.
- Unlock and open the charging port hatch, and then remove the charging port cap:
  - With the vehicle powered off, unlock the doors and open the charging port hatch.





- Open the DC charging port hatch.

- Connect the vehicle charging port:
  - Connect the charging connector of the charger to the charging port of the vehicle, and lock it securely.
- Follow the charging equipment instructions to start charging.
- The charging connection indicator on the instrument cluster lights up.
- During charging, the instrument cluster displays relevant charging parameters and the charging screen.



NOTE

- During charging, the expected remaining time to full charge is displayed on the instrument cluster. It is normal that the remaining time to full charge may vary depending on such different conditions as temperature, SOC, and charging facilities.

3. Instructions for stopping charging

- Stop charging:
  - Continuously press twice the unlock button on the key or the central control button to actively end charging. Alternatively, the vehicle will automatically stop charging and be unlocked after charging is completed.
- Disconnect the charging port:
  - Directly disconnect the charging connector after DC charging. If the vehicle is locked, unlock it (by pressing the unlock button on the key or the central control button) before disconnecting the charging connector.
- After DC charging with a charger, properly place the charging equipment. Put the charging connector to the designated position of the charger.
- Reinstall the charging port cap and close the charging port hatch.

WARNING

- See Charging Instructions for specific charging safety warnings.

CAUTION

- If the charging connector cannot be disconnected after charging, please use the front compartment emergency unlocking device.
- See Charging Instructions for specific charging precautions.

Smart Charging Function

When the start battery manager detects that the start battery is low, the start battery may be charged by the high-voltage battery.

NOTE

- It is normal but not indicative of any vehicle malfunction if the smart charging function activates when the vehicle is parked for a prolonged period.
- The smart charging process draws power from the high-voltage battery, so it is normal not indicative of any vehicle malfunction if the SOC decreases during this process.

Electric Lock Control of Charging Port

- The vehicle's charging port features an anti-theft function during the charging process to prevent charging connector theft. This function is disabled by default. To enable it, operate as per the following steps:
- Press the Enter button 

on the steering wheel to enter the instrument menu adjustment interface, tap "Personalization", and set the electric lock of charging port to ON ("ON" means to enable the anti-theft mode, and "OFF" means to disable the anti-theft mode).

CAUTION

- Disconnect the charging connector within 30s after unlocking. The electric lock will engage again after 30s.
- After the vehicle is fully charged, the electric lock will release automatically if the anti-theft mode is "OFF", or be unlocked manually if the anti-theft mode is "ON".

NOTE

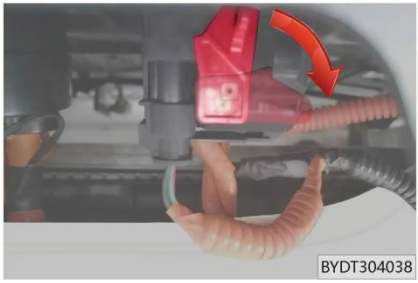
The charging connector is locked during charging no matter the anti-theft mode is "ON" or "OFF". The unlocking can be realized in the following ways:

- Press the unlock button on the key (during charging when the vehicle is powered off).
- Press the microswitch on exterior door handle of the driver's door (when the key is nearby).
- Press the interior window control switch of the driver's door.

Charging Port Emergency Unlocking

When the electric lock fails and the charging connector cannot be disconnected, try to disconnect it by manual emergency unlocking.

- Open the hood, and manually rotate the red electric lock toggle clockwise by 90° for unlocking.



Batteries

Start Battery

- When the hood is opened, you can see two terminals of the start battery, namely the positive and negative terminals.
- To avoid power loss of the start battery, the "Smart Charging" function will be triggered when conditions (the vehicle is powered off, and the high-voltage battery is allowed to discharge to a level lower than the design value) are met.
- If "Smart Charging" fails, the start battery may not be able to serve as the low-voltage power supply of the vehicle after the vehicle is idle for a period of time, and the vehicle cannot be powered on. In this case, please contact a BYD authorized dealer or service provider in time.
- Check the start battery once a month for the corrosion of the terminals.

- If a terminal is corroded to a certain extent, apply baking soda water on the terminal surface. Bubbles will be generated and the baking soda water will gradually turn brown. After no bubbles appear, clean it with clean water and dry it with a cloth. Finally, apply grease to the terminal surface to prevent corrosion.
- If the connections get loose, tighten their clamp nuts, but do not over-tight. Tighten the hold-down tool only enough to keep the start battery firmly in place. Over-tightening may damage the start battery case.

WARNING

- The start battery may produce combustible and explosive hydrogen gas. Do not cause a spark from it with tools. Do not smoke or light a match near it.
- Avoid electrolyte contact with eyes, skin or clothing.
- Avoid accidentally swallowing electrolyte.
- Wear safety goggles whenever working near the start battery. If electrolyte gets into the eyes, rinse immediately with water and seek medical assistance immediately.
- Keep children away from the start battery.
- If electrolyte contacts bare skin, rinse the contact area with baking soda water. Seek medical assistance immediately if you feel pain or burning.
- If electrolyte gets on clothing, it may soak through to the skin. Immediately take off the exposed clothing and follow the procedure above if necessary.
- If it is necessary to connect the start battery to other charger, disconnect both positive and negative cables to prevent damage to the on-board electrical system.

WARNING

- Charging the start battery with its cable connected may seriously damage the electronic control unit on the vehicle. Remove its cable before connecting it to the charger.
- If the start battery runs out, the settings of clock and preset channel on the audio system will be canceled. You need to reset the clock and preset channel.

CAUTION

- For checking the start battery, first remove the ground cable from the negative ("-") terminal and reinstall it last.
- Be careful not to cause a short circuit with tools.
- When cleaning the start battery, take care to prevent liquid from entering it.

NOTE

- In case of insufficient electrolyte, replace the start battery. Do not add electrolyte by yourself.
- Make sure that the doors are closed and all electric consumers turned off before you leaving the vehicle.
- Disconnect the negative cable if the vehicle needs to be stored for a long time.

High-Voltage Battery

- The high-voltage battery is the power source of the vehicle and can be recharged and discharged repeatedly. It is charged by external power sources or through energy regeneration when the vehicle brakes or coasts.

- As the high-voltage battery is located under the floor of vehicle body, slow down as much as possible when driving on bumpy or uneven roads to prevent bumping. In case of any bumping, drive the vehicle to a BYD authorized dealer or service provider for maintenance in time.

Battery Properties

- As the battery is affected in its electrochemical properties, to protect it, it is normal for the vehicle to have certain differences in performance under the following conditions:
    - The vehicle's regenerative braking performance is degraded when the high-voltage battery SOC is high and enhanced when the SOC is reduced.
    - When the high-voltage battery SOC is high, it will switch to trickle charging mode, and the terminal charging time will be lengthened. The estimated remaining charging time displayed on the instrument cluster will also deviate.
    - When the high-voltage battery SOC is low, the vehicle's acceleration performance is weakened.
    - It is normal for the charging/discharging capacity of the high-voltage battery to decrease and for the charging time to extend at high or low temperatures. When this occurs, it is recommended to use high-power charging equipment for fast charging. Driving in extreme temperatures may weaken power performance.
    - At low temperatures, available high-voltage battery SOC will decrease along with the decrease in temperature. When the vehicle is parked and charged with high SOC in a low temperature environment, the SOC may jump to 100%.
- Under normal high-voltage battery conditions, driving range is affected by the following factors:
    - Driving habit: For example, the range of driving with frequent acceleration/deceleration is shorter than that at a constant speed; the range of driving at high speeds is shorter than that at low speeds.
    - Road conditions: For example, the range of driving on bumpy roads or long slopes is shorter than that on flat and dry roads.
    - Air temperature: The range of driving in low temperature environments is shorter than that in normal temperature environments.
    - Use of electrical consumers: For example, the range of driving with A/C on is shorter than that with A/C off.
- Low-temperature DC charging: The temperature control system can greatly improve the battery's low-temperature charging capacity and improve overall charging performance. In the event of low-temperature charging with a high SOC, the charging current is low due to the low-temperature characteristics of lithium battery. Therefore, at a low temperature, it is recommended to charge the vehicle under a low SOC to shorten the charging time.
- Low-temperature and low-power AC charging: Limited by the charging power, the battery generates little heat. Battery heating (if any) is therefore started to improve charging capacity, increasing energy consumption and charging time compared to DC charging, which falls within design considerations.
- It is recommended to charge the vehicle immediately after use. Doing this can ensure the battery temperature remains relatively high, improving the charging performance. The battery may stop the charging process prematurely at low temperatures to avoid battery damage.
- During low-temperature charging with A/C on, the performance of the battery temperature control system and the charging performance of the vehicle will be affected.

Battery Use Tips

- It is recommended to use the vehicle at an ambient temperature of -10°C~40°C. In case of low battery SOC, please charge the vehicle as soon as possible to ensure sufficient driving range and good acceleration performance.
- To maintain long-term performance, avoid continuously exposing the vehicle to environments with temperatures above 60°C or below -30°C for over 24 hours.
- When using the vehicle, it is recommended to avoid frequent sudden acceleration/deceleration, and to drive on flat and dry roads. If necessary, turn off high-power electric consumers such as A/C system, or adjust its temperature to reduce power consumption to extend driving range.
- Low-power charging contributes to service life of the high-voltage battery.
- As the SOC displayed on the instrument cluster may deviate from the actual value, it is recommended that the vehicle is fully charged if used for the first time or used after being parked for an extended period of time.
- To keep the high-voltage battery at its best, charge it fully on a regular basis (at least once a week).
- Under extreme driving conditions (such as frequent sudden acceleration/deceleration), if the temperature of the high-voltage battery is too high, it is normal that its discharging capacity will gradually decrease. If the battery temperature keeps rising, the indicator on the instrument cluster will light up. In this case, contact a BYD authorized dealer or service provider.
- When the battery SOC increases or decreases abnormally, contact a BYD authorized dealer or service provider.
- If the vehicle needs to 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.

⚠ WARNING

In case of an emergency, observe the following warnings:

- Do not directly touch the high-voltage battery to avoid personal injury.
- Contact a BYD authorized dealer or service provider as soon as possible.
- If the high-voltage battery is damaged and leaking fluid, avoid direct contact with such fluids. If the fluids come into contact with skin or eyes, rinse the affected area with plenty of water and seek medical attention immediately.
- If the vehicle catches fire, extinguish the fire with special extinguishers and do not use water-based ones.

⚠ CAUTION

- To ensure the safety of high-voltage battery, the vehicle must be kept away from inflammables, explosives, fire sources and any dangerous chemicals when parked.
- The available SOC will decrease along with the increase in the vehicle's service time.
- The vehicle must be parked away from heat sources and shall not be exposed to sunlight for a prolonged period, so as to prolong the service life of high-voltage battery.
- If the vehicle is going to be idle for an extended period (over 7 days), it is recommended that the battery SOC should be kept at 40%-60% to prolong its service life. If the vehicle is going to be idle for over 3 months, the high-voltage battery must be fully charged and then discharged to 40%-60% every 3 months. Failure to do so may cause the high-voltage battery to over-discharge, reducing its performance or even damaging it. Any vehicle fault or damage so caused will not be covered by the warranty.

CAUTION

- If the high-voltage battery is bumped, it is recommended to immediately contact a BYD authorized dealer or service provider for inspection and repair.

Recycling the High-voltage Battery

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

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

WARNING

- Owners of the new energy vehicles have the responsibility and obligation to hand over the waste high-voltage batteries to recycling service outlets. Anyone who hands over waste high-voltage batteries to any other organization or individual or removes and disassembles any high-voltage batteries privately shall be liable for environmental pollution or safety accidents so caused.

05 Infotainment System

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Using Infotainment System (If Any)

Infotainment Buttons



1 Infotainment touchscreen

2 SD & Map card plug cover

3 Audio OFF button / volume knob

4 USB & AUX card plug cover

System Startup

Initial Screen

With the vehicle power mode in OK, the system displays the initial screen for several seconds and starts to operate.



Precautions

WARNING

When the EPB is released for the first time after the system is started, the system will enter the warning interface and pop up the following prompt message.

- In this interface, tap 同意 to use all functions normally in the driving state. This prompt message will not pop up when the EPB is released again.
- In this interface, if 同意 is not tapped, the system will automatically exit the warning interface after 5s and enter the infotainment system.



Status Bar

Status Bar Information

After the system is started, the status bar at the top of the screen will keep displaying a series of current status signals, as shown in the figure below.



A: AUX device connected

B: USB device connected

C: SD card inserted

D: Satellite positioning symbol (on for under satellite positioning, and off for not under satellite positioning)

E: Bluetooth connected

F: Speaker in normal working state / mute state

Desktop Screen and Home Screen

Desktop Screen

After the infotainment system is started, it will enter the desktop screen.

- The desktop screen mainly provides the user with shortcuts of commonly used modules for easy access.

A: Display the currently played audio or video.

B: Display the current time.

C: Provide the shortcuts of Phone, Navigation, Screen Off and Setting at the bottom.



Home Screen

On the desktop screen, swipe the page leftward to enter the system home screen, which consists of two pages as shown below:

- The first page mainly displays navigation and various audio and video players, including Radio, Navigation, Phone, USB, SD Card, AUX and Bluetooth Music.



- The second page includes Background Set., Setting and Version.



System Setting

Tone Quality Setting

- Tap "Setting" on the home screen to enter the setting interface.
  - Tap any position of the sound field or tap and drag the blue ball to change the position of the sound field source.



- Horizontally swipe the screen leftward to enter the second page of tone quality setting.

- This page shows the equalizer for the user to select different music styles.



- Horizontally swipe the screen leftward to enter the third page of tone quality setting.
  - The DSP effect can be set on this page.



- Horizontally swipe the screen leftward to enter the fourth page of tone quality setting, as shown in the right figure.
  - Treble and bass effects can be set on this page.



NOTE

- : indicates the pages under the setting option; : indicates the current page.
- In the system setting interface, if a setting option has more than one page, you can swipe the screen leftward and rightward to view all pages.

Time Setting

Tap "Time Setting" on the left side of the system setting interface to enter the first page of time setting, as shown in the figure below.

- "24-hour time" and "Set automatically" are optional.



- When "Set automatically" is ON, the system will accept the GPS time. When the infotainment and instrument systems display GPS time, manual setting will be activated if this option is turned off. The user can tap "Manual setting" to enter the interface shown in the right figure to adjust the time manually.



Other Settings

- Tap "Other Settings" on the left side of the system setting interface to enter the first page of other settings.
    - When "Safe driving mode" is ON, the system will activate the safe driving mode. In this mode, the system will output voice but not show the video when the vehicle is in motion. The video interface will display the prompt message reading "Please keep safe while driving". The video cannot be watched until the vehicle is parked.



    - When "Warning mode" is ON, a safety warning interface will pop up when the parking brake is released for the first time after startup. The infotainment functions can only be used after tapping "Agree".
    - When "Intelligent voice alert mode" is ON, voice alert will be provided when the vehicle is powered on.
    - When "Automatic blower speed decrease during Bluetooth call" is ON, the blower speed will decrease automatically during Bluetooth call.
- Swipe the screen leftward to enter the second page of other settings, as shown in right figure.
    - When "Parking automatic recirculation" is ON, the A/C will enter the recirculation mode automatically when the vehicle is parked.
    - For "Automatic mode A/C setting", three options are available: Economy, Comfort and Smart.
    - For "Automatic mode blower speed setting", three options are available: High, Medium and Low.



A: The user cannot operate this button. When reversing cameras need calibration, drive the vehicle to a BYD authorized dealer or service provider to have them calibrated by professionals.

B: Directly turn off the screen. By tapping the touchscreen or any icon, the screen will light up automatically.

C: Restore all setting options to their default state.

Version

Version Interface

- Enter the version interface, as shown in the right figure.
    - In this interface, you can view the version numbers of system hardware, software and applications.



Background Setting

Image View Mode

- Tap 

on the home screen to enter the background image view interface.
  - In this interface, you can quickly view the thumbnails of all images, and page scrolling can be achieved by swiping the touchscreen upward or downward.
  - Tap any thumbnail to enter the full-screen view mode of the image.
  - A : Tap to close the background setting interface and return to the home screen.



- Tap any thumbnail to enter the full-screen mode of the image.
  - Swipe the screen leftward and rightward to view all background images successively. In addition, 1-3 images in the swiping direction may be skipped based on the swiping speed.
  - A: When you stop swiping, "Set as wallpaper" will appear at the bottom of the screen. Tap it to close the current interface and return to the home screen, and change the desktop background to the selected background image.



Audio System

All official player icons are displayed on the first page of the home screen. Tap the icons to enter the respective interfaces.

A SD card interface

B Navigation interface

C Radio interface

D USB interface

E Phone interface

F AUX interface

G Bluetooth Music interface

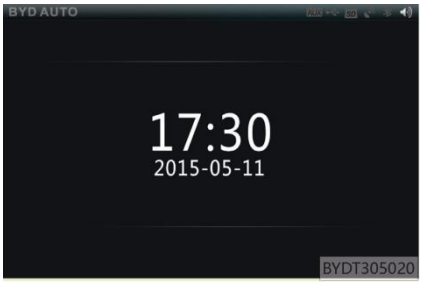


Use of "POWER" Knob for Audio System

In any audio system status interface, press the "POWER" knob to enter the audio system off mode, and switch to the following interface.

- In audio system off mode, press the "POWER" knob again to return to the audio system interface before entering the off mode.

- Press twice the "POWER" knob to exit the current interface and return to the home screen.
- Press and hold the "POWER" knob to restart the system automatically.
- Turn the knob until a volume control bar 24 appears at the bottom to adjust the volume.



Audio System Description

Instructions for Use

- This system is a kind of precision machinery. Therefore, do not open the system casing or dismantle the system unit in case of any fault.
- To prevent damage to the touchscreen, tap the screen gently with your finger. If there is no response, remove your finger from the screen and tap again.
- Do not use abrasive cloth or paint thinner, alcohol or other volatile solvents, because they may damage the external surface of the audio system and the touchscreen.
- When the screen temperature is low, the displayed image may be dark, or the system may work slightly slower than normal.
- When the audio system is working, its speaker may emit interfering noise if a mobile phone is used in or near the vehicle.

CAUTION

- After the system is powered on, starting or stopping the vehicle may hurt your ears if the volume is high. Please adjust the volume with care.
- To avoid faults of the infotainment system, do not use a high-power inverter in the vehicle.

Using the Radio

Tap  on the home screen to enter the radio interface.



A B: Manual tuning buttons; tap to search channels automatically, and tap again to stop searching.

C D: Fine tuning buttons

E: Channels saved; swipe the screen rightward to view all channels saved.

F: Channel currently played or searched; tap and swipe downward to save the channel.

G: Tap to search all channels in the frequency band and automatically save the channels searched. When a channel is tapped, it will be played. When a channel is tapped and held, the deletion interface will pop up.

- In the deletion interface, there are three options including "Delete", "Delete all" and "Cancel". Tap any button to execute the corresponding operation.



CAUTION

- Reception sensitivity
  - The reception quality of radio signals varies with the constant change of position, the difference of signal intensity, and the influence of nearby objects like train and transmitting station, so it is hard to maintain perfect reception quality.

Playing Files from USB Device

Tap  on the home screen.



- If no USB device is connected, "No external device detected. Please confirm the connection!" will be displayed.
- If a USB device is connected, the system will enter the USB audio play interface.
  - Tap A to enter the audio play interface.
  - Tap B to enter the video play interface. If B is gray, there is no video file to play in the USB device.
  - Tap C to enter the track selection interface.
  - Tap D to enter the track list interface.
  - Tap E to switch to the previous track.
  - Tap F to pause.
  - Tap G to switch to the next track.
  - Tap H to display the current play information and progress.

Playing Files from SD Card

Tap  on the home screen.

- If no SD card is inserted, "No external device detected. Please confirm the connection!" will be displayed.
- If an SD card is inserted, the system will enter the SD audio play interface, as shown in the right figure.

- Methods for playing audio and video files from an SD card and a USB device are the same. For details, refer to the methods for playing audio and video files from a USB device.



Playing Audio Files from AUX Device

Tap  on the home screen.

- If no AUX device is connected, "No external device detected. Please confirm the connection!" will be displayed. If an AUX device is connected, the system will enter the AUX audio play interface.
- There is no AUX control interface in the infotainment system.



Playing Music via Bluetooth Connection

Tap  on the home screen.

- If no smartphone is connected, "No smartphone connected. Please connect a smartphone first!" will be displayed.
- If the smartphone music function has been turned on and the Bluetooth of the smartphone is connected, the system will enter the music interface, as shown in the right figure.

A: Play the previous song.

B: Pause/Play Bluetooth music.

C: Play the next song.



Bluetooth Phone

Tap  on the home screen.

- If no device is connected, the phone feature will be unavailable. To use it, connect the system to a smartphone through Bluetooth connection, tap "Bluetooth connection" to enter the interface as shown in the right figure.
- In this interface, the names of up to 8 devices connected before can be saved. To connect a device other than those saved, delete one of those saved.
- A device can be connected by tapping it in the interface or using the smartphone to search and connect the infotainment system.



Bluetooth Connection

- An on-board infotainment system can only be connected with a smartphone device at a time.
- If a device is connected, tap the connected device (e.g. 

) for the disconnection confirmation interface to pop up, and tap "OK" to disconnect the device.
- If no device is connected, tap and hold a device name for the deletion confirmation interface to pop up, and tap "Delete" to delete the device from the device list.

Bluetooth Setting

In the Phone interface, tap 设置 to enter the Bluetooth setting interface.

- Tap A to enter the device name modification interface. A device name can only consist of figures or letters, with a length of 1-10 characters.
- Tap B to enter the passcode modification interface. The pairing passcode must consist of 4 digits.
- Tap C to turn the gray bar to green, i.e. turning on the automatic connection function. When "Automatic connection" is ON, the infotainment system will detect the device connected last time each time it is started. If the device is detected, the system will connect to it automatically. Tap C again to turn the green bar to gray, i.e. turning off the automatic connection function.
- Tap D to turn the gray bar to green, i.e. turning on the automatic answering function. When "Automatic answering" is ON, the system will automatically answer an incoming call if it is not manually answered within 10s.



Making a Call

If a device is connected, the system can enter the dialing interface.

- Dialing is available only when a smartphone is connected via Bluetooth.
- Enter the phone number on the numeric keypad, and tap A to make a call.
- Tap B to delete a single figure, and tap and hold it to delete all figures.



Call History

Tap 通话记录 to enter the call history interface.

- The call history contains the recent 6 calls.
- Select any of the call and tap it to call the corresponding number.



Talking

Talking interface

- During a call, tap A at any time to end the call.
- B : Tap it to mute the microphone, so that the other party cannot hear anything; tap it again to cancel the mute state.
- C : Display the dial pad.
- D : Switch between smartphone speaker and infotainment system.



Calling

Calling interface

- When the call is not answered, tap A to hang up.



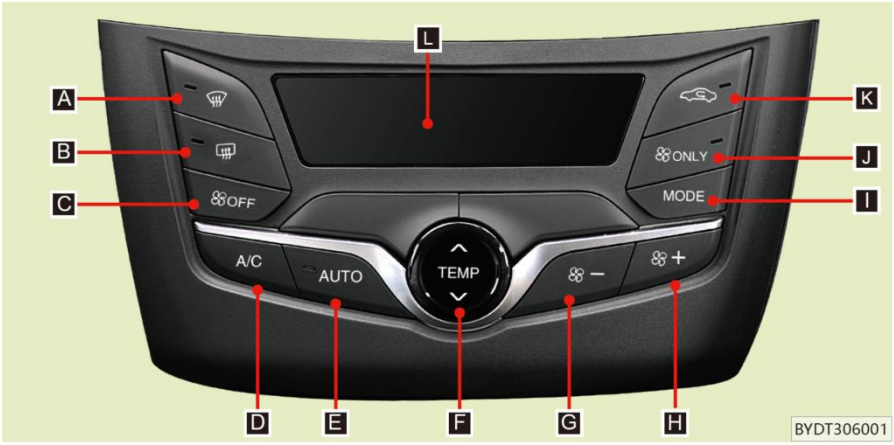
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A/C System

A/C System

Automatic A/C Panel



A Front windshield defrosting

B Rear windshield defrosting

C A/C OFF

D A/C

E AUTO

F Temperature adjustment

G Blower speed -

H Blower speed +

I Blowing mode

J Ventilation

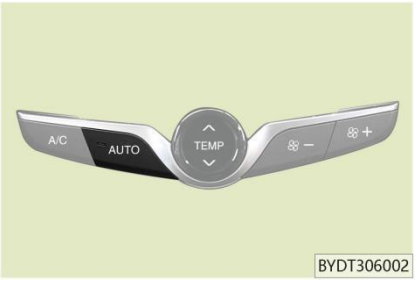
K Recirculation/Fresh air

L Information display screen

"AUTO" Button (E)

By pressing this button, the indicator will light up and the A/C system will enter the AUTO mode.

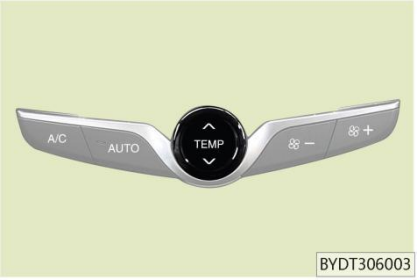
- In AUTO mode, the system automatically adjusts the blower speed and vent mode according to the set temperature.
- In AUTO mode, by pressing any of "Front windshield defrosting", "Mode" or "A/C" or adjusting the blower speed, the system will exit the AUTO mode automatically and the indicator will go off.



"Temperature Adjustment" Button (F)

Operate this button to set the interior temperature as required. A higher set value indicates a higher vent temperature.

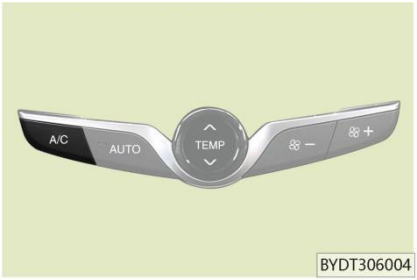
- Press ^ (increase) (vent temperature +) or v (decrease) (vent temperature -) to adjust the vent temperature.



BYDT306003

"A/C" Button (D)

By pressing the "A/C" button, the A/C compressor will be turned on, and the information display screen on A/C panel will display "A/C ON". By pressing it again, the compressor will be turned off and the screen will display "A/C OFF".



BYDT306004

"Blower Speed Adjustment" Buttons (G, H)

- Press + to increase the blower speed level and - to decrease the blower speed level. A higher level indicates a higher blower speed.
- Use these two buttons to adjust the blower speed as required. A higher blower speed indicates a greater air input.



BYDT306005

"A/C OFF" Button (C)

When the A/C is not turned off, press this button to turn off the A/C system in any mode.



BYDT306006

"Recirculation/Fresh Air" Button (K)

- By pressing this button, the indicator will light up and the recirculation mode will be activated. By pressing it again, the indicator will go off and the fresh air mode will be activated.



BYDT306007

"Ventilation" Button (J)

- By pressing this button, the indicator will light up, and the A/C system will enter ventilation control and fresh air mode, without cooling and heating functions but with fresh air output.
- By pressing this button again, the indicator will go off and the A/C system will exit ventilation control.



"Front Windshield Defrosting" Button (A)

- By pressing this button, the indicator will light up, the A/C system will enter front windshield defrosting control, the compressor will be turned on, the fresh air mode will be activated, and air will be vented mainly to the front windshield and side window glass.
- By pressing this button again, the indicator will go off and the A/C system will exit front windshield defrosting control.



"Rear Windshield Defrosting" Button (If Any) (B)

- By pressing this button, the indicator will light up and the rear windshield heating and defrosting function will be activated. If it is not pressed again, the function will automatically deactivate after 15 min of operation.



WARNING

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

By pressing this button again, the rear windshield defrosting function will be deactivated. This function is not designed to dry raindrops or melt snow.

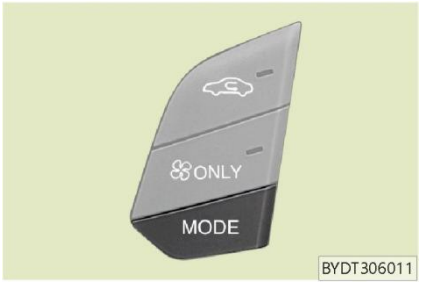
CAUTION

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

"Blowing Mode" Button (I)

- Four blowing modes are displayed on the right of the information display screen on A/C panel, including "Face-level", "Face-level and footwell", "Footwell" and "Footwell and defrosting". The fifth mode is "Front windshield defrosting", which is activated by pressing  .

- In AUTO mode, press this button to select any other blowing mode.



BYDT306011

Information Display Screen on A/C Panel

Information display window of A/C system

A Blower speed level

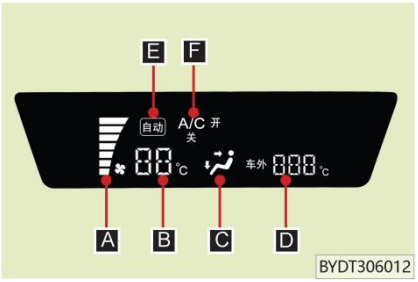
B Set temperature

C Blowing mode

D Exterior temperature

E AUTO mode

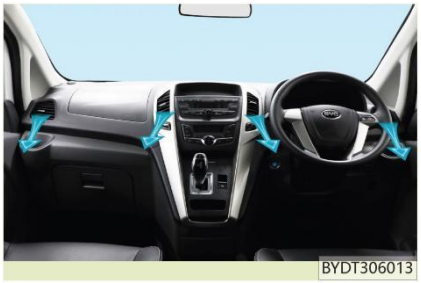
F Compressor ON/OFF



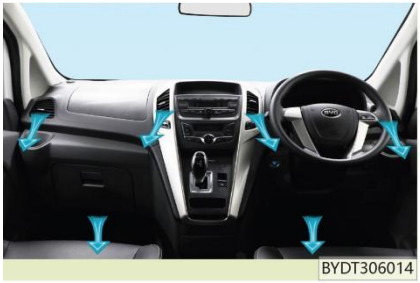
BYDT306012

A/C Blowing Modes

- (Face-level): Blow air to the upper part of human body.


BYDT306013

- (Face-level and footwell): Blow air to the upper part of human body and feet.


BYDT306014

- (Footwell): Blow air to the feet.


BYDT306015

- (Footwell and defrosting): Blow air mainly to the feet and front windshield.

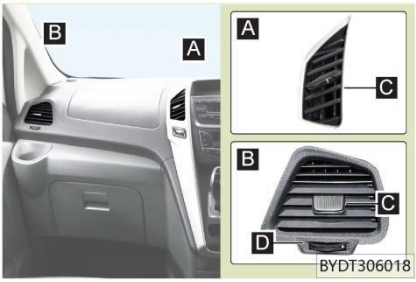

BYDT306016

- : Blow air mainly to the front windshield.


BYDT306017

Airflow Direction Adjustment and Opening/Closing of Air Vents

Direct the air flow to the left/right side or upper/lower side by operating the tab C on the vent louvers; turn the knob D under the left and right vents to open (turn right) or close (turn left) the vent.



A/C System Operation Tips

- To quickly cool down the vehicle after it is parked in the scorching sun, drive with the windows open for a few minutes. In this way, the hot air can be exhausted to facilitate the A/C to cool down the vehicle.
- To cool down quickly, adjust the temperature to "Lo" and keep the setting in recirculation mode for several minutes.
- In cold weather, adjust the temperature to "Hi" and keep the setting in recirculation mode for several minutes for rapid heating. To prevent the windows from fogging up, switch to fresh air mode after the interior temperature rises.
- In humid environment, press the "A/C" button for the screen to display "A/C ON" and reduce the moisture in the airflow.
- Make sure that the air inlet grille in front of the front windshield is not blocked (by such things as leaves or snow).
- Keep the space under the front seats clear so that the air in the vehicle can be fully circulated.
- Close all windows when following other vehicles on a dusty road or driving in windy and dusty conditions. If dust raised by other vehicles still enters the vehicle when all windows are closed, it is recommended to set the air intake mode to recirculation mode and turn on the A/C system.
- In ventilation mode, the system introduces the fresh air from outside, so it is suitable for spring and autumn.

NOTE

- Unpleasant odor of A/C:
  - It is normal that there may be a damp and mildewy odor just after the A/C is turned on. During the operation of the A/C, the evaporator is easy to be attached by the A/C condensate, and the wet evaporator tends to adsorb unfiltered human perspiration, dust, etc. If the condensate on the evaporator does not dry, the dark and humid evaporator surface tends to breed mold, which tends to produce a peculiar odor after long-term fermentation.
- Methods to prevent odor:
  - Before parking, turn off the A/C and allow fresh air to circulate throughout the vehicle to keep the interior relatively dry.
  - Check, clean or replace the filter screen regularly.
  - Keep the compartment as clean and fresh as possible.
- If any unpleasant odor persists after implementation of the above methods, contact a BYD authorized dealer or service provider for maintenance.
- It is normal that the cooling fan and A/C compressor start working due to battery cooling after off-vehicle charging.

Checking Air Filter

- The information label of the air filter is placed in the glovebox, which indicates that the air filter has been installed.
- The air filter can prevent dust from entering the vehicle through the A/C vents.



Storage Devices

Glovebox

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



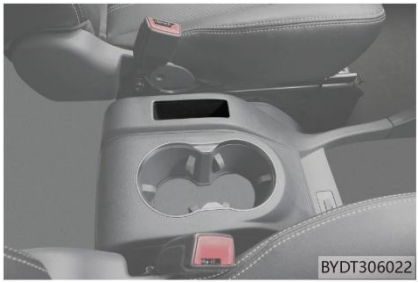
Storage Box

- It is designed for placement of smartphone or bills.



Phone Slot

- It is designed to accommodate small items such as smartphones.
- The number of phone slot depends on the specific vehicle configuration.



Other Devices

Power Socket

- The power socket is used to supply power for vehicle accessories. To use it, open its cover and ensure that the power mode is in OK.

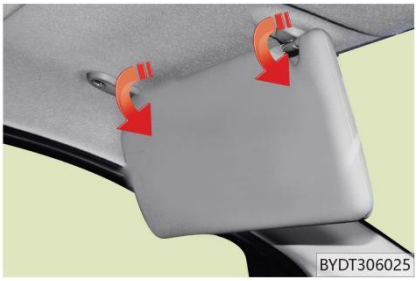


Sun Visors

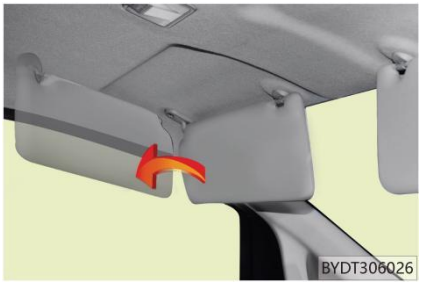
- Sun visors are installed up front the driver and front passenger (if any).



- To block the light from the front, pull down the sun visor.



- To block the light from the side, remove the sun visor from the fixing bracket and turn it to the side window.



NOTE

- Reasonable and proper use of sun visors can improve driving comfort and safety.
- When you get in or out of the vehicle, please confirm that the sun visors have been put back to their original positions.

Vanity Mirror (If Any)

To use the vanity mirror, flip down the sun visor.

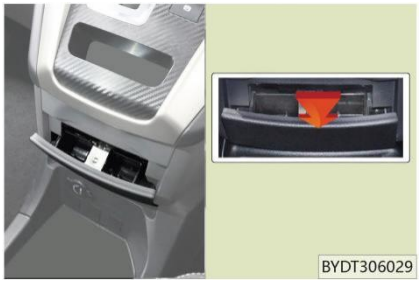


Ashtray

- Turn the ashtray in the direction shown in the figure to open it.



- Turn the ashtray in the direction shown in the figure to remove it.



Cup Holder

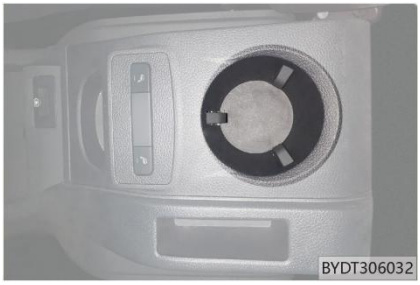
- At the dashboard panel



- At the auxiliary dashboard panel
  - Configuration 1



  - Configuration 2



WARNING

- Do not allow the driver to take out the cup from or put it into the cup holder during driving to ensure driving safety.

CAUTION

- When using the cup holder, do not start or brake suddenly to prevent liquid splashing and scalding.

- The rear door cup holder (if any) is located below the interior lock of the sliding door.

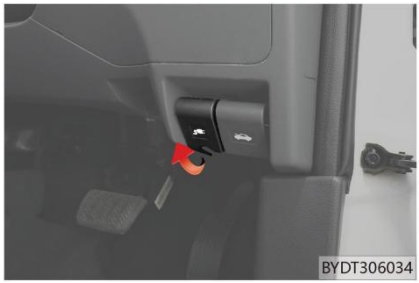


CAUTION

- To prevent liquid splashing during door opening/closing or driving, please do not place an open cup or loose beverage bottle in the cup holder.

Charging Port Switch

- Pull up the charging port hatch release handle to release the charging port hatch.



- The figures below show the position of the charging port and the opened charging port hatch. There are AC and DC charging ports. For charging procedure, refer to "Charging Methods" in Chapter 4.



USB Charger Connector

With the vehicle power mode in OK, the USB charger connector can be used for charging.



CAUTION

- This charger connector is only used for low-current charging without data reading.

07 Maintenance

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Maintenance Instructions

Necessity of Maintenance

Scheduled maintenance is very important.

We highly recommend that you should observe the maintenance schedule below to maintain your vehicle, as scheduled maintenance is helpful to:

- Improve electricity economy;
- Prolong the service life of the vehicle;
- Enjoy the fun of driving;
- Drive safely and stably;
- Comply with warranty regulations;
- Comply with government regulations.

Do-It-Yourself (DIY) Maintenance Items

As long as you have common mechanical knowledge and basic tools, you can complete most maintenance items. You may also have all maintenance items completed by a BYD authorized dealer or service provider.

⚠ CAUTION

- Some maintenance items requiring special tools and professional skills should be completed by professional service personnel of a BYD authorized dealer or service provider, with the maintenance record of the vehicle kept.

Maintenance Schedule

- The maintenance schedule aims to ensure driving stability, safety and economy, reducing the occurrence of malfunctions.
- For the planned maintenance interval, refer to the maintenance schedule (depending on the odometer reading or the time interval, whichever comes first).
- Overdue maintenance items should also be implemented at the same intervals.
- The maintenance interval of each item is recorded in the maintenance schedule.
- Rubber hoses (for cooling and heating systems, brake system, etc.) should be checked by professional technicians according to the maintenance schedule.
- These are particularly important maintenance items. The hose with any deterioration or damage should be replaced immediately. Note that rubber hoses will deteriorate with time, resulting in expansion, wear or breakage.

Scheduled Maintenance

Maintenance Interval / Maintenance Item	Odometer reading or number of months, whichever comes first											
	×1,000 (km)	20	40	60	80	100	120	140	160	180	200	220
	Months	12	24	36	48	60	72	84	96	108	120	132
1 Check tightening screws of chassis.		I	I	I	I	I	I	I	I	I	I	I
2 Check brake pedal and EPB switch.		I	I	I	I	I	I	I	I	I	I	I
3 Check brake pads and discs.		I	I	I	I	I	I	I	I	I	I	I
4 Check brake system pipeline and hoses.		I	I	I	I	I	I	I	I	I	I	I
5 Check brake caliper assembly guide pin.			I		I		I		I		I	
6 Check steering wheel and lever.		I	I	I	I	I	I	I	I	I	I	I
7 Check drive shaft dust cover.		I	I	I	I	I	I	I	I	I	I	I
8 Check ball pin and dust cover.		I	I	I	I	I	I	I	I	I	I	I
9 Check front and rear suspensions.		I	I	I	I	I	I	I	I	I	I	I
10 Check tires and pressure (including TPMS).		I	I	I	I	I	I	I	I	I	I	I
11 Check front and rear wheel alignment.		I	I	I	I	I	I	I	I	I	I	I
12 Tire rotation (check tires and tire pressure at least once a month)		Every 10,000 km										

Maintenance Interval / Maintenance Item	Odometer reading or number of months, whichever comes first										
	×1,000 (km)	20	40	60	80	100	120	140	160	180	200	220
	Months	12	24	36	48	60	72	84	96	108	120	132
13 Check wheel bearings for play.		I	I	I	I	I	I	I	I	I	I	I
14 Check coolant level in the auxiliary coolant tank .		I	I	I	I	I	I	I	I	I	I	I
15. Replace drive motor coolant.		Replace it with long-acting organic acid coolant every 4 years or 100,000 km (whichever comes first).										
16 Check brake fluid.		I	I	I	I	I	I	I	I	I	I	I
17 Replace brake fluid.		Every 2 years or 40,000 km										
18 Check vehicle module DTC (clear it after recording).		I	I	I	I	I	I	I	I	I	I	I
19 Check torque of high-voltage battery tray, guard plate, bumper bar and installation points.		I	I	I	I	I	I	I	I	I	I	I
20 Capacity test and correction		Every 72,000 km or 6 months										
21 Check and replace gear oil in transmission.		Replace it for the first time at the first 24 months/40,000 km, and every 24 months/48,000 km thereafter.										
22 Check for powertrain leaks or bumps.		I	I	I	I	I	I	I	I	I	I	I
23 Check for loose HV wiring harness or connectors.		I	I	I	I	I	I	I	I	I	I	I

Maintenance Interval / Maintenance Item	Odometer reading or number of months, whichever comes first										
	×1,000 (km)	20	40	60	80	100	120	140	160	180	200	220
	Months	12	24	36	48	60	72	84	96	108	120	132
24 Check for deformation or oil marks in exterior parts of HV module.		I	I	I	I	I	I	I	I	I	I	I
25 Check each charging port for any foreign matters or burning marks.		I	I	I	I	I	I	I	I	I	I	I
26 Replace battery coolant.		Replace the high-voltage battery coolant at the first 2 years or 40,000 km (whichever comes first) for the first time. Replace the high-voltage battery coolant every 2 years or 100,000 km (whichever comes first) thereafter.										
27 Check the ordinary filter screen (if any).		Check it every 1 year or 20,000km (whichever comes first) and replace it if necessary. In areas with severe operating conditions, check it every 6 months and replace it if necessary.										
28 Check the high-efficiency filter (if any).		Check it every 1 year or 20,000km (whichever comes first) and replace it if necessary. In areas with severe operating conditions, check it every 6 months and replace it if necessary.										
29 Check PM2.5 quick tester filter screen (if any).		Check it every 1 year or 20,000km (whichever comes first) and replace it if necessary. In areas with severe operating conditions, check it every 6 months and replace it if necessary.										
30 Check the electrostatic filter (if any).		Check it every 1 year or 20,000km (whichever comes first) and replace it if necessary. In areas with severe operating conditions, check it every 6 months and replace it if necessary.										
31 Check that bulbs and LEDs are lighting properly.		I	I	I	I	I	I	I	I	I	I	I
32 Check that headlight dimming function is normal.		I	I	I	I	I	I	I	I	I	I	I

Maintenance Interval / Maintenance Item	Odometer reading or number of months, whichever comes first										
	×1,000 (km)	20	40	60	80	100	120	140	160	180	200	220
	Months	12	24	36	48	60	72	84	96	108	120	132
33 Initial downward inclination calibration of low beams	Every 10,000 km											
34. Check for any foreign matters or burning marks at the EPS bonding point.	I	I	I	I	I	I	I	I	I	I	I	
35. Check whether EPS connector is loose or connector pins are burned.	I	I	I	I	I	I	I	I	I	I	I	
36. Check joint between EPS ECU and motor for foreign matters or corrosion (if any).	I	I	I	I	I	I	I	I	I	I	I	
37. Check EPS ECU for corrosion.	I		I		I		I		I		I	
38. Check for vehicle module software updates, and update it if any.	I	I	I	I	I	I	I	I	I	I	I	
39. Check for fording marks on HV parts.	I	I	I	I	I	I	I	I	I	I	I	
40. Check torque of wiper arm lock nut.	I	I	I	I	I	I	I	I	I	I	I	

Maintenance Interval / Maintenance Item	Odometer reading or number of months, whichever comes first										
	×1,000 (km)	20	40	60	80	100	120	140	160	180	200	220
	Months	12	24	36	48	60	72	84	96	108	120	132
41. Check the door checks, wipe the check rods with a wet soft cloth to remove dust, and apply 0.3~0.8 g grease to the rods, rivet joints and rotating shafts.		I	I	I	I	I	I	I	I	I	I	I
42. Check hood lock and its fasteners.		Every year										
43. Tire pressure reset (if any indirect TPMS)		Reset the tire pressure during each maintenance, and every 10,000 km or 1 year (whichever comes first).										
44. Check the wear of sliding door guide device.		For better performance and longer service life of the sliding door, it is recommended to remove the dust on the guide rail every 50,000 km or 3-5 months and apply lubricating grease.										
Remarks		When checking the 1st item, replace any damaged chassis component found.										

Notes:

- Chart symbols
  - I=Inspect, repair or replace if necessary;
  - **I**=Additional item under severe operating conditions;
  - R=Replace, change or lubricate.
- When checking the 1st item, replace any damaged chassis component found.
- Severe operating conditions refer to:
  - Frequent exposure to dust and salty air;
  - Frequent driving on bumpy, uneven, wet or mountainous roads;
  - Driving in cold areas, frequent use of brakes and frequent sudden braking;
  - Frequent towing of vehicles and use as a rental car;
  - Driving in congested urban area for more than 50% of the total driving time at a temperature above 32°C;
  - Driving at a speed of 120 km/h or above for more than 50% of the total driving time at a temperature above 30°C;
  - Frequent overloaded driving.

NOTE

- To keep the high-voltage battery in the optimum state, it is necessary to fully charge and discharge the vehicle on a regular basis (at least every 6 months or 72,000 km) to achieve the purpose of battery self-calibration. You can also contact a BYD authorized dealer or service provider for capacity test and calibration.

Maintenance Item	Model and Specification	Filling Amount
Gear oil	Castrol BOT384 or EV POWER EV2.0	0.6~0.7L
Brake fluid	DOT4	(650±10) ml (to the MAX mark, with an error of 0 ~ 5 mm)
Motor coolant	Long-acting antifreeze	4.2±0.2 L (to the MAX and MIN marks)
Battery coolant	Coolant_freezing point of -40°C_battery thermal management system	3.7 L (to the MAX and MIN marks)

Circumstances Where the Vehicle Needs Repair

- Pay attention to changes in vehicle performance, sounds and visual signs indicating the need for maintenance. Some important clues are as follows:
  - Abnormal motor start noise;
  - Coolant temperature continually high, coolant not flowing or leaking;
  - Motor jammed and having abnormal noise;
  - Excessive vibration during motor operation;
  - Motor start failure;
  - Oil leakage of motor powertrain;
  - Odor emission of motor powertrain;
  - Appreciable loss of power;
  - Leakage at the bottom of vehicle (however, water dripping from the A/C after use is normal);
  - Flat tire; excessive tire squeal when turning a corner; uneven tire wear;
  - Vehicle pulling to one side when driving straight on a level road;
  - Abnormal noises related to suspension system;
  - Loss of braking effect; spongy feeling brake pedal or clutch pedal; pedal almost touching floor; vehicle pulling to one side during braking;
  - Motor coolant temperature continually high;
  - Significant decrease of battery capacity;
  - Battery temperature continually high, with overheat protection but without power output.
- If any of these clues is noticed, drive the vehicle to a BYD authorized dealer or service provider for adjustment or repair.

NOTE

- Do not continue driving with the vehicle unchecked; otherwise, serious vehicle damage and personal injury may be caused.

Maintenance of Vehicle Body

Top Coat Maintenance

- Proper maintenance of the vehicle helps prevent corrosion. Most common causes of vehicle corrosion:
  - Accumulation of road salt, dirt and moisture in hard-to-reach areas under the vehicle
  - Chipping of paint or undercoat caused by minor collision or by stones and gravel
- Care is especially important if you drive the vehicle in special areas and environments:
  - Road salt or dust containing chemicals will accelerate corrosion, as will the presence of salt in the air near the seacoast or in areas of industrial pollution.
  - High humidity accelerates corrosion, especially when the temperature is just above zero.
  - Wetness or dampness to certain parts of the vehicle for an extended period of time may cause corrosion, even though other parts of the vehicle may be dry.
  - High ambient temperatures can cause corrosion to those components which do not dry quickly due to lack of proper ventilation.
- The above signifies the necessity to keep the vehicle, particularly the underbody, as clean as possible and to repair any damage to paint or protective coatings as soon as possible.
- To prevent the vehicle from rusting, the vehicle shall be washed regularly to keep the vehicle body clean. To prevent corrosion, the following points should be observed:
  - If you drive on salted roads in the winter or if you live near the ocean, you should hose off the undercarriage at least once a month to minimize corrosion.
  - High pressure water or steam is effective for cleaning the chassis and hubcaps, but attention should be paid to avoiding direct flushing of the high-voltage battery under the chassis during washing. Pay particular attention to these areas as it is difficult to see all the mud and dirt. It will do more harm than good to simply wet the mud and debris without removing. The lower edge of doors, sill panels and frame members have drain holes which should not be allowed to clog with dirt as trapped water in these areas can cause corrosion.
  - Wash the chassis thoroughly when winter is over.
- Check the vehicle body paint and trims.

  If you find any chips or cracks in the paint, touch them up immediately to prevent corrosion from starting.

  If the chips or cracks have gone through the bare metal, contact a BYD authorized dealer or service provider for repair.
- Check the interior of the compartment.

  Water and dirt can accumulate under the floor mats and could cause corrosion. Regularly check the underneath of the mats to make sure the area is dry. When transporting such goods as chemicals, detergents, fertilizers, and salt, special care should be taken, and proper containers must be used. In the event of spill or leakage, immediately clean and dry the affected area.

- Use mudguards.

  If you drive on salted or gravel roads, mudguards help protect the vehicle. Large mudguards installed close to the ground can provide good protection.

- Keep the vehicle in a well-ventilated garage or a roofed place, other than a damp, poorly ventilated garage. If you wash your vehicle in the garage, or after you drive it on roads covered with water or snow, your garage may be so damp as to cause corrosion. Even if your garage is dry, a wet vehicle can corrode if the ventilation is poor.

Top Coat Maintenance Tips

Pay attention to the following for top coat maintenance:

- Before or after using the vehicle, remove the dust on the vehicle body without delay to reduce dust adsorption due to static electricity of the vehicle body.
- Wash the vehicle immediately after rainfall. As rain stains on the vehicle body shrink little by little after rainfall, the concentration of acid substances in rain stains will increase gradually. If these rain stains are not washed off by clean water, the top coat will be damaged after a long period of time.
- Wash the vehicle after the motor cools down. Do not wash it in the burning sun or in a high-temperature environment, so as to prevent leaving any trace of detergent because of drying. When washing the vehicle by yourself, use special detergent instead of washing powder, soapy water or cleaning agent with high alkalinity, so as to prevent the removal of grease in the top coat and the premature aging of the top coat. When taking the vehicle to a wash station, make sure the staff will not use de-waxing detergent. In particular, if you drive the vehicle in coastal or heavily polluted areas, wash the vehicle once a day.
- Use a clean and soft cloth or sponge to clean the vehicle, and make sure that there are no abrasive grains or sand on them. To avoid scratches, do not use a dry cloth, dry towel or dry sponge to clean the vehicle. Wipe the vehicle along with the water flow direction and from top to bottom. Do not wipe the vehicle in a circular or transverse way.
- Remove special highly corrosive traces (such as asphalt, bird droppings and insects) in time. For this, special detergent must be used. Do not scrape it with a blade or remove it with gasoline to avoid damaging the top coat.
- Do not touch the top coat with greasy hands or scrub it with a greasy cloth. Do not place tools or cloth contaminated with chemicals on the vehicle body to avoid adverse reactions.
- If there is no obvious scratching on the top coat, do not repaint, to prevent the paint color from being inconsistent or blending poorly.
- If the vehicle is parked for a long time, it should be parked in a garage or well-ventilated place, and covered with a special body cover in winter. Choose a cool place for temporary parking.
- Prevent causing strong impact, bumping and scratches on paint film of the vehicle body. If any scratch, dent, or chipping is found on the top coat, repair it in time, preferably at a BYD authorized dealer or service provider.
- Clean plated metal parts with carbon cleaner and wax them regularly for protection.
- Use high-quality detergent to clean the vehicle body trims. Do not rub too forcibly when waxing to avoid damage to the paint surface.
- Regularly wax the top coat for protection (once a quarter) preferably at a BYD authorized dealer or service provider to restore the brightness and glossiness of the top coat of vehicle body.

Exterior Body Cleaning

Wash the Vehicle Using Regular Washing Method

- Chipping of paint layers or corrosion of the body and other parts is caused if the vehicle is not washed immediately:
  - When driving in coastal areas;
  - When driving on roads with antifreeze agents;
  - When exposed to coal tar, resin, bird droppings and insect carcass;
  - When driving in areas with heavy smoke, coal ash, dust, iron filings or chemicals;
  - When the vehicle becomes remarkably dirty with dust and mud.
- Manual washing methods:
  - Rinse off loose dirt with a hose. Remove any mud or road salt from the underside of the vehicle or the wheel wells.
  - Wash the vehicle with a neutral washing agent mixed according to the manufacturer's instructions. Dip a soft cloth in the cleaning solution. Do not rub hard - let the soapy water or clean water remove the dirt.
  - Rinse thoroughly - dried soap can cause streaking. In hot weather, you may need to rinse each section with clean water right after you wash it.
  - To prevent water stains, dry the vehicle using a clean soft towel. Do not rub or press hard - you might scratch the paint.
  - Wait for the vehicle to cool down in the shade before washing it.
  - When cleaning under floor or chassis, be careful not to injure your hands.

NOTE

- When washing the vehicle, do not rinse or let water enter the cargo space to prevent water from flowing into the compartment.

Wheel Trims

Plastic wheel trims are easily damaged by organic substances. If any organic substance splashes on a trim, be sure to wash it off with water and check if the trim is damaged.

NOTE

- Do not install plastic wheel trims that have been seriously damaged, as they may fly away from the wheels when the vehicle is in motion and cause accidents.

Bumpers

Wash carefully. Do not scrub with abrasive cleaners, because the bumper faces are soft.

Aluminum Wheels

Use only mild soapy water or neutral detergent.

Pavement Asphalt

- Remove with turpentine or cleaners that are marked safe for top coat.

WARNING

- Do not use organic substances (gasoline, kerosene, benzine or strong solvents), which may be toxic or cause damage.

CAUTION

- Avoid splashing water into electronic components such as the motor controller and battery during vehicle washing, so as to avoid damaging them.

- Automatic car wash station
  - Some types of brushes, unfiltered water, or rinse procedures not defined in automatic car wash stations may scratch or damage the top coat. Scratches on the top coat will reduce its durability and glossiness, especially for dark-color vehicles. The wash station staff will tell you which car wash procedure is appropriate for your vehicle.

WARNING

- When the vehicle is repainted and parked in a high-temperature workshop, remove its plastic bumpers to avoid damage from high temperature.

Combination Lights

- To prevent the start battery from losing power, do not turn on lights for a long time when the vehicle is not started.
- To ensure normal heat dissipation of the front and rear combination lights, vent holes are provided at the back of each light. In case of high temperatures and great temperature difference between the inside and outside of the light, fog or condensate water may form inside the light casing. This is a normal physical phenomenon rather than a fault of the front/rear combination light.
- When cleaning the combination lights, do not wipe their surfaces with chemical solvents such as gasoline, alcohol, banana oil, thinner, and carbon tetrachloride. Doing so may cause the combination light casings to crack.

Waxing

- Polishing and waxing (once a month) are recommended to maintain the original beauty. Apply wax if the vehicle surface does not repel water well.
- Always wash and dry the vehicle before waxing, even if you are using a combination of cleaner and wax.
- Use high-quality polishing agent and wax. If the finish of the vehicle body has been severely weathered, it is not recommended to use a combined agent. Carefully follow the manufacturer's instructions and preventive measures. The chrome-plated surface shall be polished and waxed as the top coat.
- On a large contact surface, when the water does not form water drops but remains on the surface, wax the vehicle again.

WARNING

- When the vehicle is repainted and parked in a high-temperature paint waxing workshop, remove its plastic bumpers to avoid damage from high temperature.

Cleaning the Interior

Do not allow water to get under the floor when cleaning the vehicle. Water may get into the audio components or other electrical components above or under the carpet (or mat) and cause a malfunction. Water may also cause body corrosion.

Carpets

- Clean carpets with a high-quality foam cleaner.
- Vacuum thoroughly to remove as much dirt as possible. Several types of foam cleaners are available; some are in aerosol cans and others are powders or liquids which you mix with water to produce foam. Clean the carpet with a sponge or brush soaked with foam. Rub in overlapping circles.

- Do not use water - keep the carpets as dry as possible. Read the cleaner instructions and follow them strictly.

Seat Belts

Seat belts can be cleaned with mild soapy water or lukewarm water. Use a cloth or sponge. As you are cleaning, check the belts for excessive wear, fraying, or cuts.

CAUTION

- Do not clean seat belts with dye or bleach, which may reduce their strength.
- Do not use any seat belt until it is dry.

Windows

- Windows can be cleaned with common household cleaners.
- Clean the A/C control panel, vehicle audio, dashboard panel, control panel, and switches with a damp soft cloth.
- Check the door checks regularly. If obvious dust accumulation is found on the check rod, wipe it with a wet soft cloth to remove dust on the surface. Then apply 0.3 - 0.8 g grease between the bracket and the rod riveting shaft, and between the rod and the sliding block.

CAUTION

- When cleaning the inside of the rear windshield, take care not to scratch or damage electric heating wires or joints.
- Do not use any organic substances (solvents, kerosene, alcohol, gasoline, etc.) or acid-base solution, because they will cause discoloration, contamination or chipping of the surface.
- Please confirm that the cleaner or polishing agent to be used does not contain the above substances.

Cleaning Interior Leather Trimming

- Leather trimming can be cleaned with a neutral cleaner for wool.
- Remove dirt using a soft cloth dipped in 5% solution of neutral detergent for wool. Then thoroughly wipe off all traces of detergent with a clean damp cloth. Allow the leather to dry in a ventilated shaded area.
- Have your vehicle washed in a BYD authorized dealer or service provider.

NOTE

- Never use organic substances (such as benzine, alcohol or gasoline) or alkaline or acid solutions for cleaning the leather trimming as these could cause discoloring.
- Use of a brush or synthetic fiber cloth, etc. may scratch the fine-grained surface of the leather.
- Dirty leather trimming can produce mold. Be especially careful to avoid oil spots. Try to keep your trimming always clean.
- Prolonged exposure to sunlight causes surface hardening or shrinkage of the leather. Therefore, keep the vehicle in a shaded area, especially in the summer.
- The interior of the vehicle is apt to heat up on hot summer days, so avoid placing on the trimming items made of plastic or containing wax as these tend to cause discoloring.

- Air freshener
  - Solid air freshener or deodorant is preferred to be used inside the vehicle. Some liquid air freshener contains chemical components that may cause fracture or fading of interior trims.
  - When using liquid air freshener, make sure that it is properly fixed to avoid spill during driving.

- Corrosion prevention

  Vehicles are usually corroded for two reasons:

  - Moisture accumulated in body holes: Gaps and holes at the bottom of the vehicle are liable to accumulate moisture and therefore susceptible to corrosion.
  - Chipping of protective paint and coating from the vehicle body surface and underside results in vehicle corrosion. Scheduled maintenance is conducive to protecting the vehicle from corrosion.
- Repair the paint immediately after any chipping or scratch is found.
- Check and clean the drain holes on doors and underbody.
- As carpets and mats retain moisture for a long time, especially in winter, check the humidity of floor coverings in time.
- Wash the underbody with a high-pressure gun. This is especially important for vehicles running on roads with antifreeze salt in winter, and is also a good method for the vehicle used in areas with humid climate and sea breeze. Regularly check and repair the underbody corrosion protection.

DIY Maintenance

Precautions for DIY Maintenance

If you want to carry out DIY maintenance, be sure to follow the correct procedure given in this section. This section gives instructions only for simple items, and some items are recommended to be carried out by a BYD authorized dealer or service provider.

- When the motor is running, keep body, clothes and tools away from rotating fans and drive belt. Take off articles such as ring, watch and necktie.
- Take care and do not touch components in the front compartment of vehicle that just stalls because some are very hot.
- If the motor is very hot, do not remove or loosen the auxiliary coolant tank cover to prevent burns.
- Do not leave any inflammables such as paper or cloth in the front compartment, as they may easily cause a fire.
- When working near the radiator fan or radiator cover, make sure that the power is turned off. If the temperature of motor coolant rises or the A/C system is turned on when the power is on, the radiator fan will start working.
- To avoid causing a fire, never smoke near the motor, alternator or start battery.
- When handling the start battery, special care must be taken to avoid short-circuiting the positive and negative terminals.
- Nobody is allowed to get beneath the vehicle when it is only supported by a jack delivered with the vehicle. If it is necessary to operate beneath the vehicle, be sure to support the vehicle with a secure strut or device.
- When working near the electric radiator fan or radiator grille, make sure that the ignition switch is turned off. If the temperature of motor coolant is very high or the A/C system is turned on when the ignition switch is turned on, the motor radiator fan may start working automatically.
- Working on or beneath the vehicle requires use of goggles to prevent injury.
- Take care when refilling brake fluid because it will damage eyes and painted surfaces. If any brake fluid comes into contact with the skin, wash with soapy water immediately. If the fluid gets into eyes, rinse immediately with water and seek medical assistance immediately.
- Windshield washer fluid, steering fluid and brake fluid are inflammables and should be kept away from fire source.
- If you spill some of the coolant or brake fluid, wash it off with water to prevent it from damaging the parts or top coat.

Operation Habits Benefiting Electrical Energy Economy

How to Improve Electrical Energy Economy and Extend Service Life of the Vehicle

- Improving electrical energy economy is simple and easy, which also helps to extend the service life of the vehicle. The followings are some tips for saving electrical energy and repair costs:
  - Keep the tires properly inflated. Insufficient tire pressure causes tire wear and waste of electrical energy.
  - Do not load unnecessary weight on the vehicle. Excessive weight brings additional load to the powertrain, resulting in greater energy consumption.
  - Accelerate slowly and smoothly. Avoid rapid starting, acceleration or deceleration.
  - Avoid unnecessary parking or braking. Maintain a stable vehicle speed. Drive according to traffic lights, or drive on thorough streets without traffic lights. Keep a proper distance from other vehicles to avoid emergency braking. This will also reduce brake wear.
  - Avoid heavy traffic or traffic jams whenever possible.
  - Maintain a proper speed on expressways. A higher vehicle speed indicates larger energy consumption. Keeping the vehicle at an appropriate speed can improve energy economy.
  - Keep the front wheels properly aligned. Avoid collision with curbstones and drive slowly on rough roads. Improper alignment not only causes faster tire wear but also puts an extra load on the powertrain, which, in turn, increases energy consumption.
  - Keep the chassis clean and free of mud. This not only reduces the weight of the vehicle body, but also prevents corrosion.
  - Adjust the vehicle to keep it in top shape. Scheduled maintenance must be carried out for longer service life of all parts and lower operating costs. If the vehicle is often driven under severe conditions, the maintenance interval shall be shortened.
  - It is better to adopt shallow charge and shallow discharge (keeping the SOC between 15% and 80%) to prolong the battery life.
- The following tips should be considered to use the vehicle in a better and more economical way:
  - Avoid rapid acceleration and deceleration and keep driving at a constant speed to make reasonable use of energy. Observe the power output by controlling the accelerator pedal during driving, and control it at about 10 kW as far as possible with a reference to the transient power value displayed on the instrument cluster.
  - Avoid pressing the brake pedal. Instead intermittently, pressing the brake pedal slowly can increase the energy of regenerative braking and the driving range. Tests have proved that the energy of regenerative braking can increase the driving range by 10%-15%.
  - The A/C energy consumption also accounts for a part of the energy consumption ratio in vehicle operation. Therefore, when using the A/C, close the windows and blow the air at an appropriate speed to minimize its energy consumption and increase the driving range of the vehicle.

Lights

Headlight Alignment

When the new vehicle leaves the factory, headlights have been aligned. If the vehicle often carries a large load, headlights may need to be re-aligned. It is recommended that headlights be aligned by a BYD authorized dealer or service provider.

Foggy Lights

- After heavy rain or car wash, combination lights, taillights, or turn signals in side mirrors may become foggy. This is similar to the condensation phenomenon of the windows on one side of the vehicle during rain, which does not indicate that your vehicle is faulty.
- The inside space of lights is relatively closed and narrow, so the temperature inside the lights is very high when they stay on, and the cover and reflector tend to be burnt and deformed due to high temperature. Therefore, lights need heat dissipation. To meet the heat dissipation requirements during lighting, the light housing is designed with holes for heat dissipation through convection with the surrounding environment. The larger the temperature difference, the more active the convection. In the process of convection, the water vapor in the air is inevitably brought inside lights. Due to the influence of sun exposure, convection, bulb heating, and other factors, the water vapor in the air is easy to condense into fog or water droplets on light surfaces with low temperatures. That is why the lights become foggy.

WARNING

- When the headlight bulbs light up, they become very hot. Grease, perspiration, or scratches on the glass surface of the bulb may cause the bulb to crack due to overheating.

NOTE

- If fog appears inside the headlights and the turn signals in the side mirrors, it may be caused by high air humidity or large temperature difference between the vehicle and its surroundings. When headlights or turn signals are turned on during driving, the water mist in lights disappears after driving for a short period of time.
- If there is obvious water inside lights, drive the vehicle to a BYD authorized dealer or service provider for maintenance.

Hood

Opening the hood

- Pull the hood release button. The hood will pop up.



- In front of the vehicle, pull up the auxiliary catch lever of hood.



- Lift the hood.



- Insert the strut in place to keep the hood open.



NOTE

- Before driving, be sure that the hood is securely closed and locked. Otherwise, the hood may open unexpectedly while driving, causing an accident.
- After inserting the strut in place, make sure it securely supports the hood to prevent it from sliding down and injuring your head or body.

Closing the Hood

Before closing the hood, check whether any tools and cotton cloths are left in the front compartment. Retract the strut back in place - this prevents squeaking. Lower the hood and make sure it locks in place. If necessary, gently press the front edge to lock it.

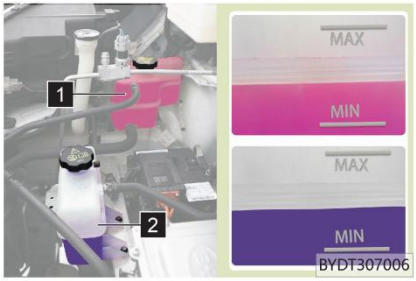


Coolant

With battery heating configuration

1 Motor coolant expansion tank

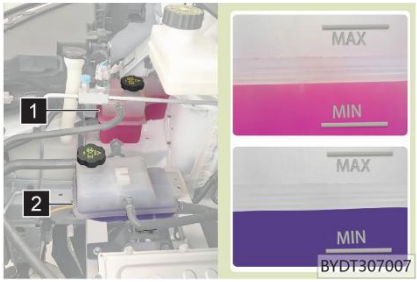
2 Battery coolant expansion tank



Without battery heating configuration

1 Motor coolant expansion tank

2 Battery coolant expansion tank



- A satisfactory coolant level in the expansion tank should be between the "MAX" (maximum level) and "MIN" (minimum level) marks.
- If the coolant level is below the "MIN" mark, add coolant to the "MAX" mark. Check the cooling system for leakage.

- Always use the coolant with specifications the same as the genuine product. Do not add any admixture. Do not mix antifreeze of different brands and types.

CAUTION

- Do not add any rust inhibitor or other additives to the cooling system. These additives may be incompatible with the coolant or motor components.
- Ensure that the motor, high-voltage electronic control integrated module, expansion tank and radiator have cooled down before opening the expansion tank cover.
- Special coolant shall be used for the battery cooling system. Do not add other types of coolant or additives; otherwise, damage may be caused to the battery system. Please drive to a BYD authorized dealer or service provider for adding a special type of coolant.

NOTE

- Opening the expansion tank cover when the motor is not completely cooled may cause the coolant to eject, resulting in serious scald.

Windshield Washer Fluid

- During normal use, check the fluid level of the windshield washer reservoir at least once a month.
- In bad weather, if the washer is often used, check the windshield washer reservoir level more frequently.
- High-quality windshield washer fluid should be added to improve the decontamination ability and prevent freezing in cold weather. When you add washer fluid to the reservoir again, use a clean cloth dipped with windshield washer fluid to clean the wiper blades, which helps keep the blade edges in good condition.



CAUTION

- Do not fill the windshield washer reservoir with motor antifreeze or acetic acid solvent.
- Antifreeze will damage the surface paint of the vehicle, and acetic acid solvent will damage the windshield washer motor.
- It is recommended to use commercially available windshield washer fluid.
- Clean the windshield and wiper blades regularly (once every one to two weeks).
- Use special windshield cleaner to clean the windshield.
- Wipe the windshield with a rag in time if it is attached with soil and insect carcass.
- Maintain the windshield in time in case of pitting caused by gravel (it is recommended to use resin products for the windshield repair, and replace the windshield in the event of numerous or excessively large scratches).

Brake Fluid

- The fluid level should be between the MIN and MAX marks on the reservoir wall. If the fluid level is at or below the lower limit (MIN) mark, check the brake system pipeline for any leakage or the brake pads for wear.



NOTE

- Check the fluid level in the reservoir once a month.
- Replace the brake fluid according to the driving time and mileage specified in the regular maintenance schedule.
- It is recommended to use BYD's DOT4 brake fluid. Brake fluid of another type is not applicable to the brake system of this vehicle and the same type of brake fluid shall be used for the brake system and clutch system.

Start Battery

- Check the start battery once a month to see whether the positive and negative terminals are loose, whether the battery housing is damaged or bulged, and whether the battery is firmly installed.



WARNING

- Non-professional personnel are prohibited to disassemble the start battery without permission. Contact a BYD authorized dealer or service provider for handling if necessary.

WARNING

- Contact a BYD authorized dealer or service provider for handling if any damage or bulge is found on the start battery housing.

NOTE

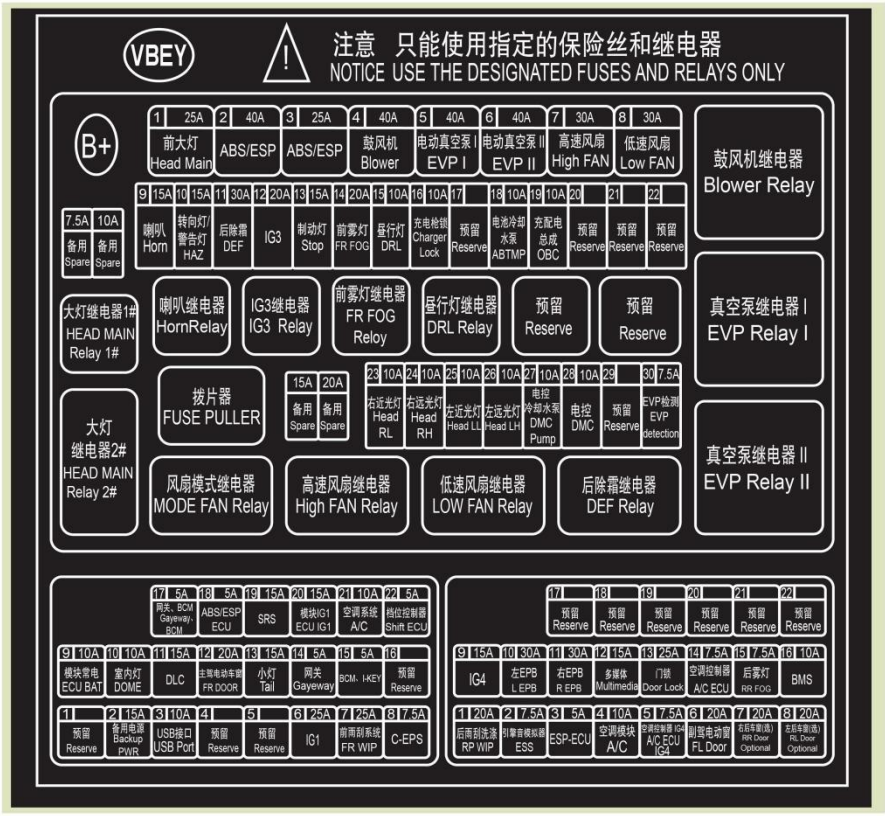
- Do not use on-board electric consumers such as the audio system, navigation system (if any), A/C blower and lighting system for a long time with the motor off. Doing so may cause the start battery to over-discharge, resulting in failure to start the motor, or even permanent damage to the start battery in severe cases.
- Make sure that the doors are closed and all electric consumers turned off before you leaving the vehicle.

Fuses

- All circuits on the vehicle are equipped with fuses to prevent short circuits or overloads.
- The interior fuse box is located at the dashboard on the driver's/front passenger's side, and can be seen by removing the lower shield of the dashboard panel.
- The fuse box under the hood is located on the left of the motor compartment. To open it, press the lock catch as shown in the figure.
- The fuse box label is provided on the inner side of upper cover of front compartment fuse box.



Label of Fuse Box under the Hood



BYDT307012

Fuse Distribution in Front Compartment Fuse Box

No.	Ampere	Protected Component/Circuit
1	25A	Headlight
2	40A	ABS/ESP
3	25A	ABS/ESP
4	40A	Blower
5	40A	Electric vacuum pump I
6	40A	Electric vacuum pump II

No.	Ampere	Protected Component/Circuit
7	30A	High speed fan
8	30A	Low speed fan
9	15A	Horn
10	15A	Turn signal/Warning light
11	30A	Rear windshield defroster
12	20A	IG3
13	15A	Stop light
14	20A	Front fog light
15	10A	Daytime running light
16	10A	Charging connector lock
17	/	Reserved
18	10A	Battery coolant pump
19	10A	Charging and distribution assembly
20	/	Reserved
21	/	Reserved
22	/	Reserved
23	10A	Right low beam
24	10A	Right high beam
25	10A	Left low beam
26	10A	Left high beam
27	10A	Electrically controlled coolant pump
28	10A	Electric control

No.	Ampere	Protected Component/Circuit
29	/	Reserved
30	7.5A	EVP detection

Fuse Distribution in Dashboard Panel Fuse Box I

No.	Ampere	Protected Component/Circuit
1	/	Reserved
2	15A	Backup power
3	10A	USB port
4	/	Reserved
5	/	Reserved
6	25A	IG1
7	25A	Front wiper and washer
8	7.5A	C-EPS
9	10A	Module constant power supply
10	10A	Interior light
11	15A	DLC
12	20A	Driver's power window
13	15A	Clearance light
14	5A	Gateway
15	5A	BCM、I-KEY
16	/	Reserved
17	5A	Gateway, BCM

No.	Ampere	Protected Component/Circuit
18	5A	ABS/ESP ECU
19	15A	SRS
20	15A	Module IG1
21	10A	A/C system
22	5A	Gear controller

Fuse Distribution in Dashboard Panel Fuse Box II

No.	Ampere	Protected Component/Circuit
1	20A	Rear wiper and washer (if any)
2	7.5	Engine sound simulator
3	5A	EPB ECU
4	10A	A/C module
5	7.5A	A/C controller IG4
6	20A	Front passenger's power window
7	20A	Rear right window (optional)
8	20A	Rear left window (optional)
9	15A	IG4
10	30A	Left EPB
11	30A	Right EPB
12	15A	Infotainment
13	25A	Door lock
14	7.5A	A/C controller

No.	Ampere	Protected Component/Circuit
15	7.5A	Rear fog light
16	10A	BMS
17	/	Reserved
18	/	Reserved
19	/	Reserved
20	/	Reserved
21	/	Reserved
22	/	Reserved

Tires

In order to drive safely, tire type and size must be suitable for the vehicle. The tire tread should be in good condition and the tire pressure should be appropriate.

Inflation

- Keeping tires properly inflated provides the best combination of maneuverability, tread-wear life, and driving comfort. Driving with under-inflated tires leads to uneven tire wear, affects maneuverability and power consumption, and even may cause air leakage due to overheating. Driving with over-inflated tires compromises the riding comfort, and is more likely to damage the tires due to uneven road surface and leads to uneven tire wear.
- The recommended cold tire pressure is indicated on the tire information label affixed to the driver's door frame.

Check

- When checking the inflation state of the tires, check the tires for damage, penetration, and wear.
    - Replace a tire if any damage or bulge is found on its tread or wall.
    - Replace a tire if its wall is scratched, cracked or ruptured to the fabric or cord.
    - Replace a tire with excessively worn tread.



NOTE

- Keep the tires properly inflated to prevent:
    - Low tire pressure (under-inflation);
    - Excessive wear;
    - Abnormal wear;
    - Heavy steering;

NOTE

- Air leakage caused by overheated tires;
- Poor sealing of tire bead;
- Wheel deformation or tire separation;
- High tire pressure (over-inflation);
- Poor handling;
- Excessive wear in the center of tire tread.

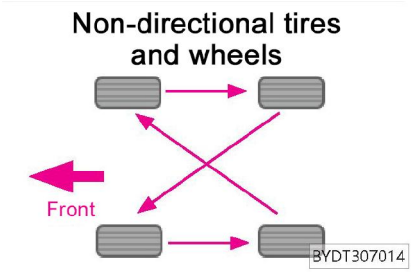
- Wear indicators are provided inside tire treads. When the tread is worn to this level, a strip indicator stretching across the tread will appear, which indicates that the tread depth is less than 1.6 mm. A tire worn to this degree has very small adhesion to wet and slippery roads. A tire with three or more wear indicators appearing on the tread shall be replaced.

Maintenance

- In addition to proper inflation, correct wheel alignment can also help reduce tread wear. If uneven tire wear is found, drive the vehicle to a BYD authorized dealer or service provider to check wheel alignment.
- The tire balance test has been carried out before the vehicle leaves the factory. If feeling a kind of continuous vibration while driving, contact a BYD authorized dealer or service provider for tire inspection. If a tire has been repaired or replaced before, it is necessary to perform a tire dynamic balance test again.

Tire Rotation

- To prolong the service life of tires and ensure even wear, rotate the tires every 10,000 km. During each rotation, rotate the tires as shown in the right figure.
- The right figure shows how to rotate tires.



WARNING

- 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.

Snow Chain

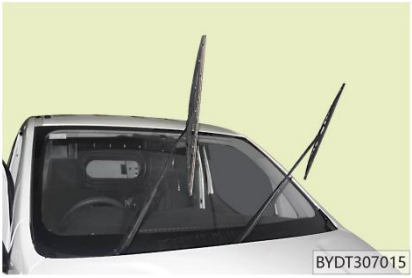
- Snow chains are only for emergency use or used in specific areas expressly stipulated by law.
- Snow chains are to be fitted to the front wheels and extra care is required for driving a vehicle fitted with snow chains on icy and snowy roads. Some snow chains may damage the tires, wheels, suspensions and vehicle body. Therefore, thin snow chains should be selected to provide sufficient free space between the tires and other parts in the hubcap.
- Please carefully check and read the component assembly drawing and other instructions of the snow chain manufacturer.
- Consult the BYD authorized dealer or service provider from which you purchase the vehicle before purchasing snow chains and installing them onto the tires.
- After the snow chains are installed, driving speed should be less than 30 km/h on icy and snowy roads.
- In order to minimize the wear of tires and snow chains, avoid using snow chains on roads without ice or snow.

NOTE

- Do not drive above 30 km/h or the speed limit specified by the snow chain manufacturer, whichever is lower.
- Drive carefully and be aware of bumps, holes and sharp turns, which may cause the vehicle to bounce.
- When driving with snow chains installed, avoid sharp turns or locked-wheel braking, and slow down before entering curves to avoid losing control and causing accidents.

Wipers

Check the condition of the wiper blades at least once every six months for cracks or local hardening of the rubber. If any, replace the wiper blades to avoid streaks or incomplete wiping in use.



CAUTION

- Do not open the hood when the wiper arms are pulled up; otherwise, the hood and the wiper arms may be damaged.

Wiper Blades

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

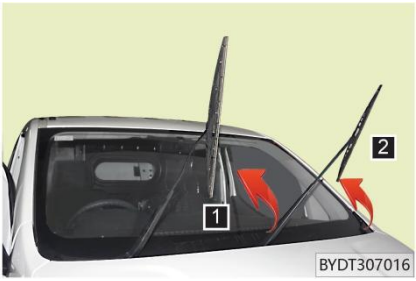
- Remove the ice on the windshield surface with a special ice scraper, rather than with the wiper blades.
- Do not wipe on dirty, oily or waxy windshield surfaces.
- Keep the windshield surface clean. Do not wipe dust, sand, insects, and other objects on the windshield surface.
- Do not wax the windshield when washing the vehicle and maintaining the body paint, as the wax layer reflects light in poor light, consequently affecting the vision and driving safety.
- Rinse the wiper blades with purified water after washing the vehicle and remove the wax layer on the windshield with a special glass wax layer cleaning agent.
- Do not wash the wiper blade directly with a water gun to prevent damage to the wiper blade due to excessive water pressure.
- Replace the wiper blades regularly at a recommended interval of six months.
- Lift the wiper arms up prior to cleaning the windshield.
- Even if there is no rain, it is recommended to wipe regularly (once every one or two days).
- Keep the windshield fully wet when wiping with wiper blades (when it is not raining, the washer fluid must be sprayed on the windshield in advance).

Wiper Replacement

1. Lift up the wiper arms from the windshield.

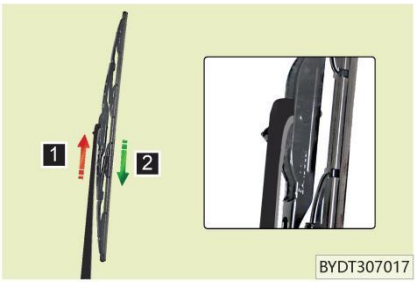
   1 Lift up the wiper arm on the driver's side.

   2 Lift up the wiper arm on the front passenger's side.



2. 1 Press the clip at the hook (if a three-section wiper blade is equipped, this step is to push up the spring piece at the hook under the wiper blade), and hold the wiper blade to release it in the direction shown in the figure.

   2 Move the wiper blade to remove the hook out of the blade. Thus, the whole wiper blade is taken off.



3. Assemble a new wiper blade in the reverse order of removal.



Storage of Vehicle

If the vehicle needs to be parked and stored for a long time (more than one month), the following proper preparations help prevent deterioration of the vehicle condition and make it easy to use the vehicle again:

- Park and store the vehicle indoor as far as possible.
- Thoroughly clean and dry the exterior of vehicle body.
- Clean the interior of the vehicle to ensure that the carpets and mats are completely dry.
- Release the EPB. Set the transmission to R position (for vehicle equipped with manual transmission) or P position (for vehicle equipped with automatic transmission).
- Jack up the vehicle body with a jack so that the tires leave the ground.
- Open a window slightly (for indoor storage).
- Disconnect the negative terminal wire of start battery.
- Pad the front wiper arm with a folded towel or cloth to separate it from the windshield.
- To reduce sticking, spray silicone lubricant on the sealing parts of all doors and the tailgate, and apply vehicle body wax on the paint surface where the sealing strips of doors and tailgate contact.
- Cover the vehicle body with a breathable covering made of porous material such as cotton cloth. Non-porous materials such as plastic cloth accumulate moisture and damage the body surface paint.
- If the vehicle will not be used for a long time, charging the high-voltage battery every 3 months is recommended to prolong its service life.

08 In Case of a Fault

In Case of a Fault.....150

In Case of a Fault

NOTE

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

If the Vehicle Needs to be Towed

If vehicle towing is required, it is recommended to contact a professional towing service provider or a roadside assistance organization that you have joined.

WARNING

- Never have your vehicle towed by another vehicle with just ropes or chains.

Three Common Towing Methods

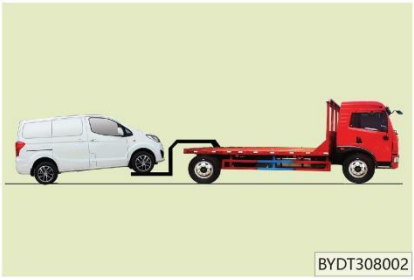
Flatbed truck

- Putting the vehicle on the truck is the best way to transport it.



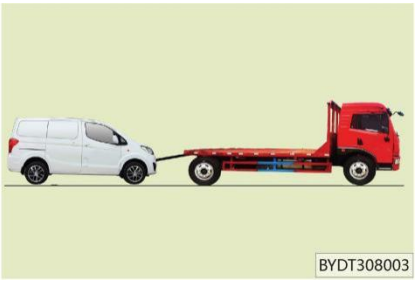
Wheel-lift tow truck

- The truck lifts the wheels off the ground by two arms inserted beneath the vehicle tires (front or rear), while the other two wheels are still on the ground. This is a feasible way to tow vehicle.



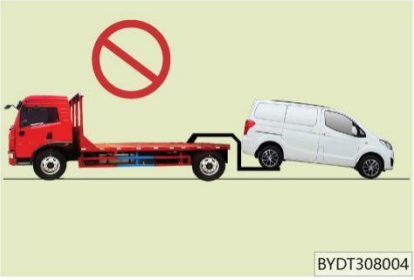
Hook-and-chain type towing

- If no towing company is available in case of an emergency fault, the vehicle can be towed by using a towing hook. Remove the decorative blanking cover on the bumper below the right headlight, take out the towing hook from the tools, screw it into the mounting base of towing hook and tighten it, and use a special towing rope. Be sure to drive carefully when towing the vehicle.



Prohibited Towing Method

Do not tow the vehicle as shown in the figure.



NOTE

- If it is impossible to tow the vehicle with a flatbed truck, use a wheel-lift tow truck to tow the vehicle with front wheels off the ground.
- If the vehicle can only be towed with its front wheels on the ground due to damage, following operation requirements should be met:
  - Automatic transmission:

    Start the motor.

    Shift to D position and then to N position.

    Release the EPB.

    Shut down the motor.

    Set the power mode in OK so that the steering wheel will not be locked.
  - Incorrect towing preparations will damage the transmission, so the steps above should be strictly followed.
  - When the vehicle is towed with its front wheels lifted off the ground, the towing mileage shall not exceed 80 km and the vehicle speed should be kept below 55 km/h.

Mounting Base of Towing Hook

The mounting position of the towing hook is shown in the figure.



CAUTION

- Be extremely careful when towing the vehicle. Avoid abrupt starting or unstable driving operations, which will cause great force on the emergency towing hook and cable (chain), resulting in breakage of the hook and cable (chain) and further causing personal injury or vehicle damage.
- The driver must sit in the towed vehicle to steer it and operate the brakes.

NOTE

- BYD does not recommend using the towing hook to tow the vehicle. It is better to contact a professional towing service provider or roadside assistance organization that you have joined.
- Only use the towing hook that comes with the vehicle. Otherwise, the vehicle will be damaged. Do not tow the vehicle from the rear with four wheels on the ground; otherwise, the vehicle will be damaged.

If the Motor Stalls during Driving

- Slowly slow down and keep driving in a straight line. Carefully drive the vehicle off the road to a safe place.
- Turn on the hazard warning lights.
- Try to start the motor again.

If the Vehicle Overheats

- If the motor coolant temperature gauge indicates overheating, any power loss occurs, or there is a loud knocking or pinging noise, the motor is probably overheated. Please follow the procedure below:
  - Drive the vehicle off the road safely, stop the vehicle, turn on the hazard warning lights, press the P button and engage the EPB. Turn off the A/C if it is working.

    - If coolant or steam is boiling out of the radiator or auxiliary coolant tank, stop the motor and wait until the steam subsides before opening the hood. If there is no coolant or steam boiling out, leave the motor running and confirm that the radiator fan is working. If it does not work, turn the START/STOP button to OFF.
    - Check the radiator, hose and vehicle underneath for obvious coolant leakage. However, water drops from the A/C in use are normal.
- If coolant leaks, stop the motor immediately, and contact a BYD authorized dealer or service provider.
- If there is no obvious leakage, check the auxiliary coolant tank. If there is no coolant in it, add coolant to a level between the MIN and MAX marks with the vehicle powered on.
- After the motor coolant temperature has cooled to normal, check the coolant level in the auxiliary coolant tank, and add coolant to an appropriate level if necessary. Serious coolant loss indicates a leak in the system. If any, have it checked as soon as possible at a BYD authorized dealer or service provider.

WARNING

- Steam or coolant flowing out indicates a very high temperature. To avoid personal injury, keep the hood closed until there is no steam.
- Do not remove the radiator cap when the motor and radiator are hot. The high-temperature steam and liquid ejected under pressure will cause serious injury.

NOTE

- When the motor is running, keep hands and clothes at a certain distance from the rotating fan.

High-voltage Components and Handling in Case of Accident

- The EV system uses high-voltage DC of above 300 V. The system will generate a lot of heat before and after the vehicle is started and when the vehicle is powered off. Pay attention to the high voltage and high temperature.
- Do not disassemble, move or change the high-voltage battery components and connecting wires, because the connectors may cause serious burns or electric shock and even casualties. The orange connecting wires are high-voltage wiring harness. Do not repair the high-voltage system of the vehicle by yourself. If any repair is needed, it is recommended to drive the vehicle to a BYD authorized dealer or service provider.

Emergency Shutdown System

- The emergency shutdown system will be activated and the HV system will shut down automatically if:
    - The front and side collision airbags are not deployed;
    - Certain rear collisions occur; or
    - Certain EV systems fail.
- If any collision above occurs and certain EV systems fail, the OK indicator will go off.
- To minimize the risk of injury or accident, once the emergency shutdown system is activated in any of the above situations, the EV system will not be able to switch to the OK state. It is recommended to contact a BYD authorized dealer or service provider. Even if the power switch is switched to the OK state, the system will be deactivated immediately. Therefore, it is recommended to drive the vehicle to the nearest BYD authorized dealer or service provider or contact them as soon as possible.

Vehicle Fire

- In case of vehicle fire, operate the vehicle as appropriate by following the instructions below:
  - Power off the vehicle and open the hood to disconnect the 12V battery as appropriate.
  - Find a dry powder fire extinguisher nearby.
  - If the fire is small and is spreading slowly, put out the fire with a dry powder fire extinguisher and call the rescue services as soon as possible.
  - If the fire is large and is spreading rapidly, stay away from the vehicle and wait for rescue.

⚠ CAUTION

- Be sure to wear insulating gloves when disassembling the vehicle. Put out fires with specified types of fire extinguishers. Attempting to extinguish fires with water or incorrect fire extinguishers may result in electric shock or other accidents.
- In case of possible flying objects (such as interior trims and glass) due to other special circumstances, stay away from the vehicle and promptly notify a BYD authorized dealer or service provider for on-site handling.

Battery Fluid Leakage

- If, after a vehicle collision, the battery fluid leaks, resulting in alkali liquor smell in the vehicle, flowing of obvious alkali liquor out of the vehicle or smoke inside the battery pack:
  - Power off the vehicle and open the hood to disconnect the 12V battery as appropriate.
  - Call the BYD authorized service hotline for assistance.
- In case of a vehicle collision, operate the vehicle as appropriate by following the instructions below:
  - Power off the vehicle and open the hood to disconnect the 12V battery as appropriate.
  - Call the BYD authorized service hotline for assistance.
  - If conditions permit, simply check if the high-voltage battery tray has cracked edges and if any fluid is visibly leaking out.
- In the event of a small leak, keep away from fire sources. Absorb leaks with an absorbent pad, and place it in a closed container or burn it. Wear anti-corrosion gloves before the operation. In the event of a severe leak, collect any leaks and treat them as hazardous waste. Calcium gluconate solution can help treat toxic gases.
- In case of accidental contact with the leaks, rinse the affected area immediately with plenty of water for 10-15 minutes. If you feel pain, apply 2.5% calcium gluconate ointment or soak the area in 2%-2.5% calcium gluconate solution to alleviate the pain. If the pain does not relieve or symptoms of discomfort appear, seek medical attention immediately.

⚠ WARNING

- Do not touch any leaks. Keep away from the vehicle or high-voltage battery with leaks.
- Do not discard collected leaks into water, soil or other environments.

If Squeal or Friction Noise Is Heard (Brake Pad Wear Indicator)

- Contact a BYD authorized dealer or service provider for check and replacement of brake pad.
- The brake disc will be damaged if the brake pad is not replaced in time when necessary.

- Brake pads are only applicable to front wheel brakes. If the brake pad and brake disc are moderately worn, the front wheel braking force will be increased. At the same time, brake discs wear faster than conventional brake discs. Therefore, it is recommended to measure the thickness of brake disc when replacing the brake pad.
- It is very dangerous to drive the vehicle when the brake pad and brake are worn beyond the limit.

If the Vehicle Gets Stuck

If the vehicle gets stuck in snow, mud or sand, try to push it forward and backward to rock it free.

NOTE

- Do not attempt to rock the vehicle stuck free by moving it forward and backward if there are objects or people near the vehicle. During the rocking operation, the vehicle may suddenly move forward or backward as it becomes unstuck, causing injury or damage to nearby objects or people.

If the Vehicle Has Flat Tires

- Slowly slow down and keep driving in a straight line. Cautiously drive the vehicle to a safe place away from heavy traffic. Avoid stopping on the central fork of an expressway.
- Engage the EPB  and press the P button  .
- Power off the vehicle and turn on the hazard warning lights.
- Have everyone get off the vehicle and go to a safe place away from heavy traffic.
- Block the wheel diagonally opposite the flat tire to keep the vehicle from rolling.

WARNING

- Do not continue driving with a flat tire. Driving even for a short distance can damage the tire beyond repair.

Tools Delivered with the Vehicle

- Tools delivered with the vehicle and tire repair kit are stored in the glovebox and can be taken out when the glovebox is opened. These tools include warning triangle, towing hook, and removal clamp for wheel nut cover.

To prepare for repairing the vehicle by yourself in an emergency, be sure to get familiar with the use of various tools, as well as their storage locations.

Placing the Warning Triangle

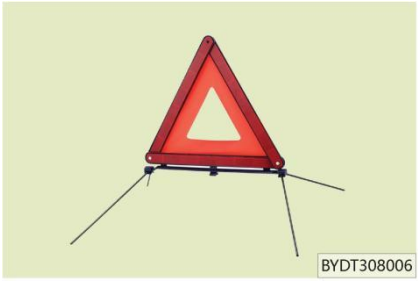
NOTE

- Before repairing the vehicle stopped on a public road, remember to place the warning triangle 100 to 200 m behind your vehicle, with its red side facing vehicles oncoming from behind, in order to warn them and prevent accidents. Please take back the warning triangle after repair for future use.

The warning triangle is used to warn the rear vehicles to avoid collision with the vehicle parked or repaired ahead due to high running speed or untimely braking of the rear vehicles.

Usage of warning triangle:

1. Take out the warning triangle from the packaging box.
2. The combined warning triangle is a closed triangle.
3. Release the support bracket of the warning triangle, as shown in the figure.

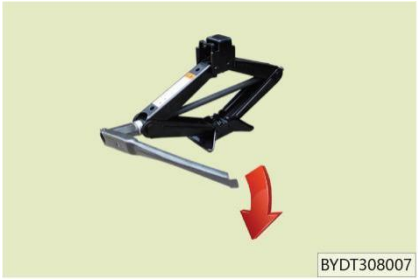


Tire Replacement Method

Taking out Required Tools and Spare Tire

Take out the required tools and spare tire. The spare tire is located on the spare tire carrier at the bottom of the vehicle.

- To remove: Turn the joint clockwise until the jack is free.
- To stow: Turn the joint anticlockwise until the jack is firmly secured to prevent it from flying forward during a collision or emergency braking.

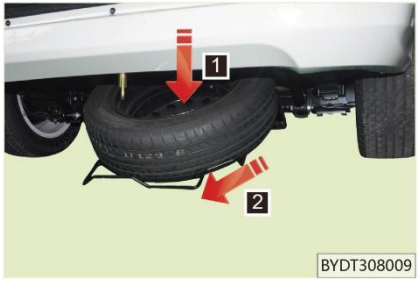


- To take out the spare tire: Use a tool to rotate the pentagonal spindle anticlockwise, and lower down the spare tire.



1 Lower the spare tire.

2 Take out the spare tire.



Blocking the Wheel

When blocking the wheel, place a wheel block in front of the wheel (for a front wheel) or behind the wheel (for a rear wheel) to prevent the vehicle from sliding.



Loosening Wheel Nuts

Turn all wheel nuts of the flat tire anticlockwise to loosen them.



WARNING

- Do not apply oil or lubricating oil to bolts or nuts; otherwise, the nuts will get loose, causing the wheel to fall off and resulting in a serious accident.

Positioning the Jack

Position the jack at the correct jack point, and make sure the jack is positioned on a flat and solid ground.



Jacking up the Vehicle

- After making sure that no one is in the vehicle, jack up the vehicle to a height that allows installation of the spare tire.
  - Remember that it needs a larger ground clearance to install the spare tire than removing the flat tire.
  - To jack up the vehicle, insert the jack handle into the jack (forming a loose fit) and turn it clockwise.
  - As the jack touches the vehicle and begins to lift, check again whether the jack is properly positioned.



NOTE

- Never get under the vehicle when the vehicle is supported by the jack alone.

WARNING

- When jacking, be sure to observe the following to reduce the possibility of serious injury:
  - Follow jacking instructions.
  - Do not put any part of your body under the vehicle supported by the jack. Otherwise, personal injury may occur.
  - Do not start or run the motor while the vehicle is jacked up.
  - Park the vehicle on a flat and solid ground, engage the EPB, and press the P button. Block the wheel diagonally opposite to the one being replaced if necessary.
  - Make sure to position the jack at the proper jack point; otherwise, the vehicle will be damaged, or the vehicle will fall off the jack, resulting in personal injury.
  - Never get under the vehicle when the vehicle is supported by the jack alone.
  - Jack up the vehicle only during tire replacement.
  - Do not jack up the vehicle with someone in the vehicle.
  - When jacking up the vehicle, do not place any objects on top of or underneath the jack.
  - Jack up the vehicle to a height that allows for removing and replacing the tire.

Removing the Wheel

- Remove the wheel nuts and replace the tire:
  - Remove the flat tire and put it aside.

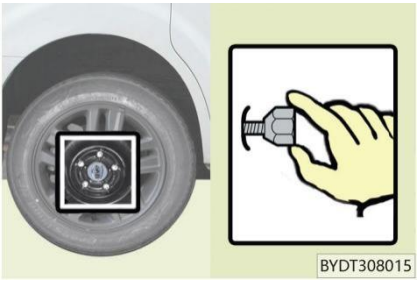
- Roll the spare tire to the mounting position and align the bolts with the wheel holes. Then lift the wheel until the uppermost bolt passes through its hole.
- Rotate the tire and push it inward until all other bolts pass through their holes.



- Before installing the wheel, remove any corrosion on the mounting surface with a wire brush.
- Installing the wheel without good metal-to-metal contact at the mounting surface can cause the wheel nuts to get loose and eventually cause the wheel to come off while driving.

Reinstalling Wheel Nuts

Reinstall all wheel nuts (tapered end inward) with fingers. During reinstalling, tighten them as much as possible by hand. Then push the wheel backward to see if the nuts can be further tightened.

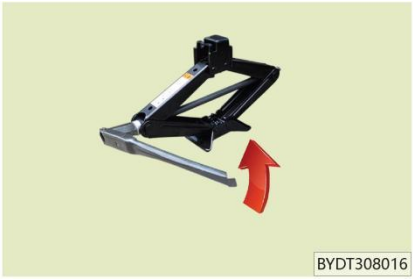


WARNING

- Do not apply oil or lubricating oil to bolts or nuts; otherwise, the nuts will be over-tightened and bolts damaged. Consequently, the nuts will get loose, causing the wheel to fall off and resulting in a serious accident.
- Remove any oil or lubricating oil on bolts or nuts.

Lowering the Vehicle

- Lower the vehicle completely and tighten the wheel nuts clockwise.
  - To lower the vehicle, turn the jack handle anticlockwise.



  - Use only the wheel nut wrench to tighten the nuts. Do not use other tools or any leverage other than the hands, such as a hammer, pipe or foot.
  - Make sure that the wrench is securely engaged over the nut.



- Tighten the nuts in sequence as shown in the figure, a little at a time. Repeat this process until all nuts are tightened.



NOTE

- When lowering the vehicle, make sure that all parts of your body and all other persons around will not be injured as the vehicle is lowered to the ground.
- Have the wheel nuts tightened with a torque wrench to 110 N•m (10.5 kgf·m) immediately after wheel replacement. Otherwise, the nuts will get loose, causing the wheel to fall off and resulting in a serious accident.

After Wheel Replacement

- Check the tire pressure after replacement:
  - Adjust the tire pressure to the specified value. If the tire pressure is lower than the specified value, drive slowly to the nearest service station and inflate to the correct pressure.
  - Do not forget to install the tire valve cap as dirt and moisture could get into the valve core and possibly cause air leakage.
- Restow all the tools, jack and flat tire properly.
- After wheel replacement, tighten all wheel nuts to the specified torque with a torque wrench.

NOTE

- Before driving the vehicle, make sure that all tools, jack and the flat tire are secured in place to reduce the possibility of personal injury during a collision or emergency braking.

09 Vehicle Specifications

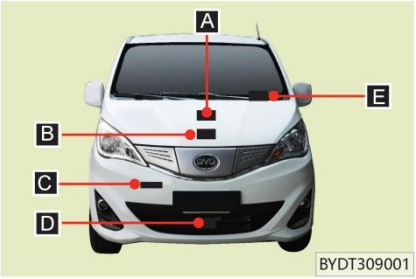
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Vehicle Identification

Vehicle Identification

VIN Plates

The VIN is used for registration of the owner, and is indicated in the positions as shown in the figures below (A - I).



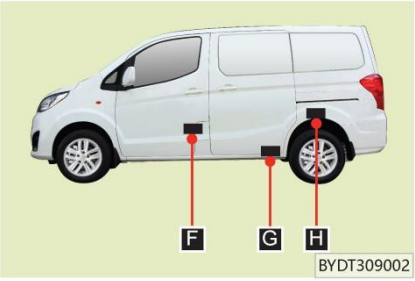
A Attached to the motor controller housing

B Attached to the front edge of the inner panel of the hood

C Engraved under the front passenger's seat

D Attached to the upper groove of the front bumper beam

E Attached to lower left part of the front windshield



F Attached to the pillar sheet metal surface of the front left door

G Attached to the sheet metal of the left sliding door sill pedal

H Attached to the rear left wheel guard



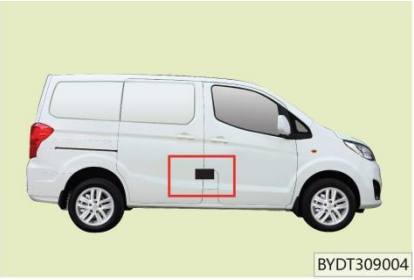
I Attached to the left side of tailgate

NOTE

- Connect the vehicle VDS, select the vehicle model and read the VIN at the right upper corner. For details, please refer to the VDS operation manual.

Vehicle Nameplate

Located 15 cm below the lock ring of the front left door.

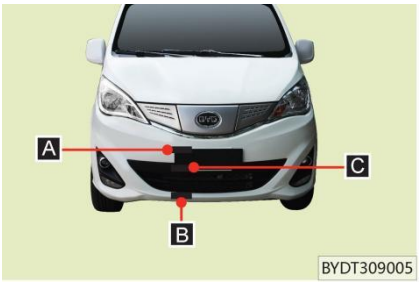


Drive Motor Model and Number

A Indicated on the end cover of the front compartment motor controller

B Indicated below the front compartment motor housing

C Indicated on the side of the motor housing below the connecting coolant pipe between the front compartment motor and the controller



Vehicle Rubbing Film

Placed in the vehicle glovebox

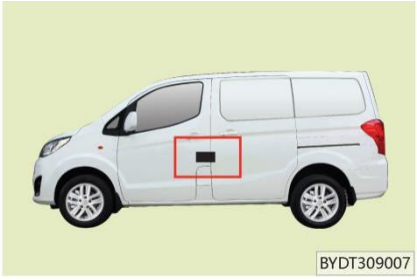
Transmission Model and Number

Engraved on the left outer housing of the transmission at the lower left side of the front compartment



Tire Pressure Label

Located 2 cm right below the lock ring of the front left door



Battery Position Indication Label

Attached near the lock ring of the hood



Refrigerant Refill and Radiator Fan Label

Attached near the lock ring of the hood



Airbag Warning Label

Attached to the inner side of the sun visor



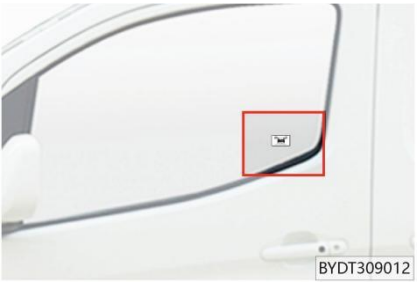
Child Protection Lock Label (If Any)

On the side beam of sliding door



Anti-Theft Label

Attached left to the right lower vertex of the front left/right door window



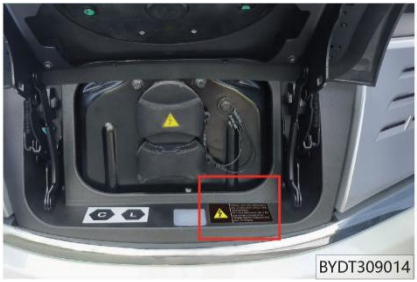
EU Dealer Information Label (If Any)

Attached below the tire pressure label on the right B-pillar



Charging Port Label

Attached to the platform in front of the charging port



Transponder Mounting

Provided on the right upper side of the front windshield



CAUTION

- When attaching the electronic identification, do not overlap with the glass frame or other objects.

Specifications

Vehicle Parameters

Product Model			VB	VB	BYD-T3
Overall dimensions (mm)		L * W * H	4460×1720×1875		
Tread (mm)		Front * rear	1490/1533		
Wheelbase (mm)			2725		
Masses (kg)	Curb mass		1640	1709	1745
	Axle load	Front axle	917	932	931
		Rear axle	723	777	814
	Maximum permissible gross mass		2420	2420	2360
	Axle load	Front axle	1079	1068	1143
		Rear axle	1341	1352	1217
Tires	Specification		195/60R16C		
	Tire pressure (kPa) (front/rear tire)		250/340		250/300
Wheel balance (g)			≤10		
Wheel alignment parameters (under curb mass)	Front wheel camber (°)		-0° 10′ ±45′		
	Front wheel toe-in (mm)		0±1		
	Kingpin inclination angle (°)		9° 55′ ±45′		
	Kingpin caster angle (°)		4° 40′ ±45′		
	Rear wheel camber (°)		-1° 30′ ±30′		
	Rear wheel toe-in (mm)		3±5		

Free travel of brake pedal (mm)		≤10		
Approach angle/Departure angle (°)		21/20		20.5/21
Front/Rear overhang (mm)		825/910		
Capacity (persons)		2	5	7
Brake friction pair (mm)		Thickness of front brake pad: 2~11 Thickness of rear brake pad: 3~10 Front brake disc: 26~28 Rear brake disc: 9~11		
Maximum design speed (km/h)		100		
Maximum gradeability (%)		20		
Drive motor model		TZ180XSB (if any) TZ180XSC (if any)		
Rated power/speed/torque of TZ180XSB drive motor (kW/rpm/N•m)		35/4775/70		
Peak power/speed/torque of TZ180XSB drive motor (kW/rpm/N•m)		70/12100/180		
Rated power/speed/torque of TZ180XSC drive motor (kW/rpm/N•m)		35/4775/70		
Peak power/speed/torque of TZ180XSC drive motor (kW/rpm/N•m)		100/12100/210		
Drive type		Front-motor front-wheel drive		
High-voltage battery	**Type**	LiFePO4		
	Rated capacity (Ah)	135		

Notes: 1. The actual energy consumption is related to vehicle conditions, road conditions, driving habits, and other factors.

2. The body width is measured without taking into account the side mirrors.

Vehicle Overall Dimensions and Cargo Space Dimensions



Vehicle overall dimensions			4460*1720*1875mm
Cargo space	**Volume**		3.5m³
	Dimensions	**Depth**	1900mm
		Width (Min/Max)	1200/1390mm
		Height	1200mm
Tailgate dimensions (W * H)			1230*1275mm

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