

**Superiority in Diligence, Sincerity in Heart**

**Superior and Sincere Services**

**The BYD Superior and Sincere Service Brand was established in 2006, inheriting the service concept of "Superiority in Diligence, Sincerity in Heart" of all aftersales service providers of BYD.**

**Sun Simiao, a famous doctor in the Tang Dynasty, discussed two issues about medical ethics in the Virtual of Great Physician, one is superiority, meaning that a doctor should be superior in medical skill and must be "knowledgeable in medicine and diligent". The other one is sincerity, meaning a doctor of high moral character, with a sincere heart of treating patient like treating himself/herself. Aftersales service providers of BYD have introduced Sun Simiao's concept in the Virtual of Great Physician into the aftersales industry of automobile, and positioned the BYD Superior and Sincere Service Brand as "Superiority and Sincerity", featured by:**

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| --- | --- | --- | --- |
| **■ Superior in providing good service** | **■ Diligent and dedicated** | **■ Enthusiastic and sincere** | **■ Proactive and warm-hearted** |

**It is firmly believed in the BYD Superior and Sincere Service Brand that superiority and sincerity conduce to exquisite service skills, and high sense of responsibility and earnest conduces to sincere service attitude. All aftersales service providers of BYD will always devote to providing high-quality aftersales services to BYD's clients.**

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| Foreword |

Thank you very much for choosing BYD passenger car. Getting through this manual is an essential to the correct use and maintenance of BYD passenger car.

Special instruction: BYD Auto Industry Co., Ltd. suggests that genuine spare parts be used for your vehicle and the vehicle be operated, maintained and serviced properly as per this manual. Replacing any parts of the vehicle with spare parts other than genuine spare parts or modifying it will affect the performances of the vehicle, especially its safety and durability. All damages and performance problems of the vehicle arising from this are not covered by the warranty. Furthermore, vehicle modifications may also violate national laws, regulations and local governmental regulations.

Thank you for choosing BYD passenger car. We welcome your opinions and suggestions! In order to ensure better service, be sure to provide your accurate contact information and in case of any change, please contact BYD authorized service provider to update your contact information on our system. Please pay attention to relevant national laws and regulations and local policies, and register your vehicle as soon as possible; otherwise, there may be a risk that your vehicle cannot be registered.

All notices marked as "WARM TIP", "CAUTION", and "WARNING" in this manual must be followed carefully to avoid possible injuries or damages. Make sure to read any information presented in the format below:

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| **WARM TIP** |
| For matters that must be followed to facilitate maintenance and others |

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| **CAUTION** |
| For matters that must be followed to avoid damage to the vehicle. |

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| **WARNING** |
| For matters that must be followed to ensure personal safety. |

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|  | The safety sign shown in the left figure indicates: "do not perform this" or "do not allow this to happen". |

This manual is intended to help you use the product correctly and does not represent any description of the configurations and software version of the product. For information about the configurations and software version of the product, please refer to contracts (if any) related to the product or consult your vendor.

For enquiry on power battery recycling outlets, please visit BYD Auto's official website: <https://www.byd.com/cn/SocialResponsibility/BatteryRecycle.html>

For detailed product instructions, please follow the "Difenhui" or scan the following small program QR code with your WeChat:



Version: 201902

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| Overview of BYD e3 Passenger Car |

As a pure electric passenger car featuring new energy and new power, BYD e3 is an environment friendly product developed by BYD with great efforts. The power battery pack is organically integrated with the integral body to fully ensure the safety of the battery and the vehicle.

As the car is motor driven in any condition, it achieves exact zero emission in terms of environmental protection.

The whole vehicle is driven by pure electricity with very low noise both inside and outside to provide driving and riding comfort unrivaled by fuel powered vehicles.

In the process of vehicle design, the safety of high voltage system is fully considered, so as to protect passengers during collision.

The battery management system, which always monitors the power batteries, can adjust the battery external output based on all monitored performance indicators such as voltage and current of each cell, so as to prevent overcharge, overdischarge, overtemperature and other problems, thus ensuring that batteries always operate normally.

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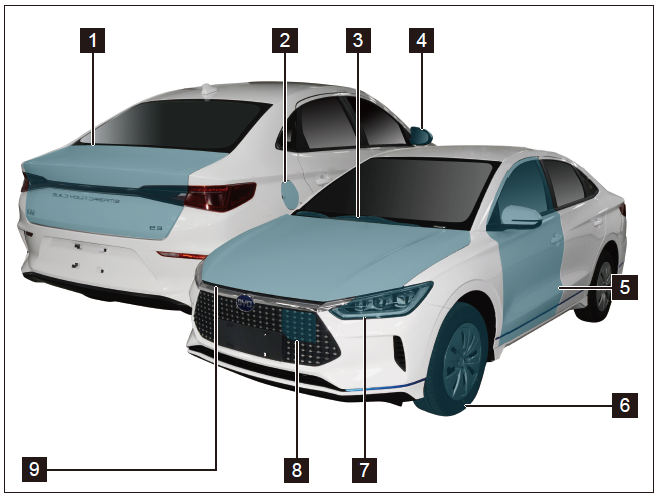
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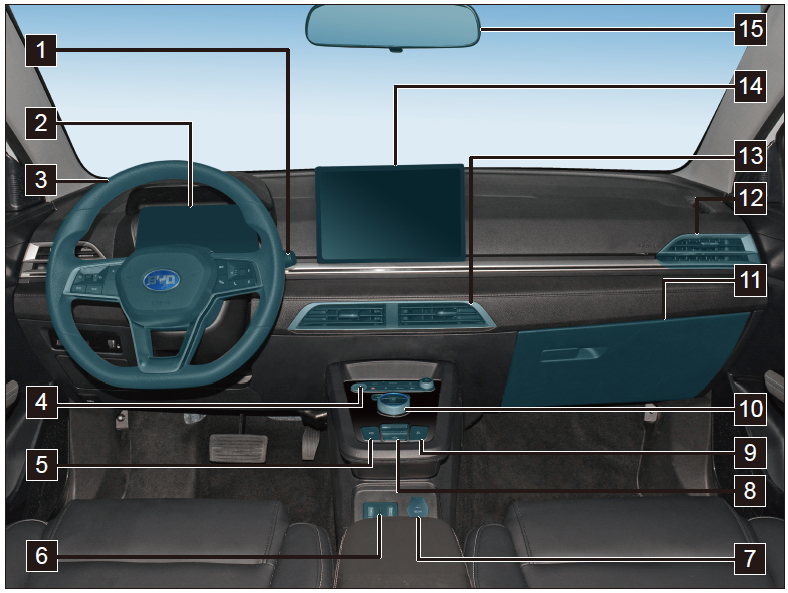
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1 Safety

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1-1 Seat Belt

Introduction to Seat Belt

Studies indicate that proper use of seat belts can considerably reduce casualty of passengers in vehicles in emergency brake, abrupt turning and collision accident. Therefore, for safety of you and your family, please pay special attention to and strictly observe the contents labeled with "WARNING" and "CAUTION" in this section.

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| WARNING |
| ● BYD highly stresses the personal safety of the driver and passengers onboard, who should fasten seat belts at all times. Failure to do this will increase the possibility of injury in accident.  ● It is suggested that a child be arranged on the rear seat and use a seat belt or suitable child restraint system.  ● Do not allow any child to stand or kneel on a front or rear seat. Otherwise, emergency braking or collision will cause severe injury or even life threat to such unprotected child. Likewise, do not allow any child to sit on another occupant's legs because the child cannot be well protected in this condition.  ● When the vehicle is traveling, passengers in the vehicle must sit on seats and fasten their seat belts correctly. Otherwise, passengers in the vehicle are more liable to severe personal injury or even life threat during emergency brake or collision accident. |

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| CAUTION |
| ● The seat belts in the vehicle are mainly designed based on the body size of adults and not suitable for children. Please select suitable child restraint system based on the age and body size of a child.  ● In case any seat belts are damaged or abnormal, contact a BYD authorized service provider for confirmation and handling immediately and do not use corresponding seats before such confirmation and handling. |

**Emergency locking retractor (ELR) function of seat belt:**

■ In case of sharp turn, emergency braking, collision or quick forward tilt of any passenger, the seat belt will automatically locks up to effectively restrain and protect the passenger. When the vehicle travels smoothly, the seat belt will be pulled out or retracted as the passenger moves slowly and stably to allow the passenger to move freely.

■ If the seat belt gets locked up due to excessively fast retraction, pull the seat belt forcibly and then loosen it to smoothly retract the seat belt.

**Audible and visual warning function for unfastening of seat belt:**

If the driver fails to fasten his/her seat belt after the vehicle is started, the audible and visual warning system begins to work until the driver has fastened their seat belts.

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| WARM TIP |
| ● If the above-mentioned function becomes abnormal or fails, contact a BYD authorized service provider and do not use corresponding seats before the function returns to normal. |

Use of Seat Belt

1. Adjust the seat to a proper position and adjust the backrest to a proper tilt. (Refer to 3 - Operation of Controller - Seat Adjustment)

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| 2. Pull out the shoulder belt diagonally across the entire shoulder without contacting the neck or falling from the shoulder. Position the lap belt across the hip as low as possible. |  |
| 3. Insert the seat belt tongue to the buckle until you hear the "click"; pull the tongue in the opposite direction to confirm it has been locked successfully. Take care not to twist the belt. |  |

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| WARM TIP |
| ● The shoulder belt should cross the center of the shoulder. The seat belt should be far from the neck and not liable to fall from the shoulder. Otherwise, in case of emergency brake or accident, the seat belt cannot protect passengers and even cause severe injury to passengers.  ● The lap belt should cross the hip as low as possible to prevent tightening seat belt from injuring occupants during accidents.  ● The seat belt should be close to an occupant's body to better achieve its protection function. |

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| **Unfastening seat belt**  Press the red release button on the buckle; the tongue will be released and the seat belt strap will be retracted automatically. If any seat belt cannot retract automatically, pull it out and check for twist. | image14 |

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| WARM TIP |
| ● The fastening method for rear seats is the same as that for front ones. To ensure the rear seat belt functions normally, please confirm that the seat belt lock tongue is inserted in the corresponding buckle when using the rear seat belt. The driver shall remind passengers to wear seat belts properly.  ● The driver shall make sure that all passengers have worn seat belts before driving the vehicle. |

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| CAUTION |
| ● One seat belt is for one occupant only. Do not allow multiple occupants (including children) to share one seat belt.  ● Avoid tilting the seat backrest too much. The seat belt provides the optimum protection when the seat backrest is held upright.  ● Do not allow any seat belt or its buckle or tongue to be clamped by a door; otherwise, the seat belt may be damaged.  ● Check the seat belts regularly for cuts, wear, looseness and other abnormal conditions. In case of abnormality, contact a BYD authorized service provider immediately for confirmation and handling and do not use corresponding seats before such confirmation and handling.  ● Do not remove, disassemble or modify any seat belts arbitrarily.  ● After an accident has occurred, contact a BYD authorized service provider for inspection of the seat belts. If the pretightening function of a seat belt is activated, be sure to replace the seat belt.  ● If a severe accident has occurred, even though no obvious damage appears, replace the seat belt together with the seat assembly and conduct a thorough inspection of the supplemental restraint system.  ● A pregnant woman should also fasten seat belt correctly as other passengers. Note especially that lap belt should be positioned across the hip as low as possible to prevent tightening seat belt from causing severe damage to the pregnant woman and her fetus in case of an accident.  ● Do not insert other foreign objects such as coin and clip into the buckle to avoid obstructing the proper connection between the tongue and buckle. |

1-2 Supplemental Restraint System

Introduction to Supplemental Restraint System

■ The supplemental restraint system (SRS) is supplemental to the seat belts. In case of a severe collision accident with the system triggering condition met, the SRS will deploy rapidly and together with the seat belts, provide additional protection for the heads and chests of the driver and passengers to reduce the degree of injury.

■ The SRS is part of the entire passive safety protection system of the vehicle and cannot replace the function of seat belts.

■ Only with seat belts fastened, the SRS can protect the safety of the occupants to the maximum extent. Therefore, for safety of you and your family, please pay special attention to the contents labeled with "WARNING" and "WARM TIP" in this section.

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| WARNING |
| ● Do not allow any child to sit on the front seat. |

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| WARM TIP |
| ● When the vehicle is traveling, please always use the seat belt.  ● Please keep the correct sitting posture to allow the seat belt and SRS to exert the maximum protection function.  ● Do not install or remove any air bag parts privately. |

Driver and Front Passenger Air Bags



If the vehicle is equipped with a driver air bag and a front passenger air bag, when the SRS ECU suffers a medium to severe frontal collision while the vehicle is traveling and the SRS triggering conditions are met, the air bags will deploy to assist in protecting the driver's and the front passenger's heads and chests to reduce the degree of injury.

**Starting process of front air bags**

■ In case of a medium to severe frontal collision accident, upon sensing that the vehicle decelerates rapidly, the sensor will send signals to the controller to enable the front air bags to deploy immediately.

■ In case of a frontal collision, the seat belt can assist in securing your lower body and trunk to keep you still in place. The air bag functions as an air cushion that assists in securing and protecting your head and chest.

■ When the intensity of impact does not reach the critical value for air bags to deploy, the seat belts provide the main protection.

■ After inflation, the front air bags will deflate immediately so as not to affect the driver's vision and operation of the steering wheel or other controllers.

■ The deployment of the air bags can be completed rapidly within a millisecond to provide additional protection for occupants of the vehicle in an accident.

■ When an air bag deploys, a loud sound will be produced, which will not cause injury in general (however, there is possibility of tinnitus or temporary deafness and hearing will be restored soon).

■ When an air bag deploys, you may see some smoke, which is actually powder from the surface of an air bag. Although this powder is not toxic, occupants with respiratory disease may still feel temporary discomfort.

**In the following conditions, contact a BYD authorized service provider immediately.**

■ Air bags have fully been inflated.

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| ■ When the front part of the vehicle (the part in shadow in the figure) suffers collision, the air bags fail to deploy. | image16 |
| ■ The air bag cover (the part in shadow in the figure) is broken, split or otherwise damaged. | image17 |

■ The SRS indicator  on the combination instrument lights up abnormally.

SRS Triggering Condition and Precautions

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| **SRS triggering conditions** |

■ SRS triggering conditions: Triggering of the SRS depends on some decisive factors relevant to the collision intensity, type of accident, collision angle, obstacle and vehicle speed when a collision accident occurs. When a special collision accident occurs, the SRS may be triggered.

■ The SRS may not function in any accident. It will not be triggered generally in case of slight frontal collision, rear-end collision or overturn. In this case, the driver and passengers can be protected normally by properly wearing seat belts.

■ Decisive factors for triggering SRS: A comprehensive comparison and judgment will be made between the set value and a deceleration curve produced in a collision and obtained by the ECU. If the deceleration curve or any other signal produced and detected in collision is lower than relevant reference value preset in the ECU, the SRS will not be triggered even if the vehicle may have been severely deformed in the accident.

■ BYD Auto has fully considered the common misuse and road conditions in the country in setting the SRS ECU. However, as the reasons and forms of collision accidents vary, for the sake of your safety, please strictly observe this manual, correctly operate the vehicle and avoid misuse; otherwise, the expected effect of the SRS cannot be guaranteed.

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| **Conditions in which air bags may deploy** |

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| The vehicle front end hits the ground after passing over a deep pit. |  |

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| The vehicle hits a kerb projection, curbstone or any others. | image19 |
| The vehicle front end hits the ground when the vehicle goes downhill. | image20 |

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| **Conditions in which air bags may not deploy** |

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| The vehicle hits a concrete column, wood or any other long and slender object. | image21 |
| The vehicle hits the lower part of a truck. | image22 |

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| The vehicle suffers rear-end collision by another vehicle. | image23 |
| The vehicle overturns. | image24 |
| The vehicle hits a wall or another vehicle on a part other than the front part. | image25 |
| A part other than the passenger compartment of the vehicle suffers a lateral collision. | image26 |

|  |  |
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| A side of the vehicle suffers an oblique collision. | image27 |
| The vehicle hits a post on the side. | image28 |

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| WARNING |
| ● The SRS is developed to match the specific vehicle model. Any modification of the suspension, tire size, bumper, chassis or equipment installed by the manufacturer will adversely affect the SRS. Do not fit any component of the SRS to any other vehicle; otherwise, the SRS may fail, causing personal injury.  ● When the vehicle is traveling, please fasten the seat belt and keep the correct sitting posture. If you fail to fasten the seat belt or keep the correct sitting posture or if you tilt forward during driving, the deployment of the air bag will aggravate the injury when an accident occurs.  ● Do not affix any object to, cover with any object or make any other decorative treatment of the steering wheel trim cover surface and the surface near the air bag on the right of the dashboard. Clean the surfaces with dry or slightly damped rag only. Do not strike the surfaces with force.  ● Do not allow any juvenile to sit on the front seat without protection or be held in the arms of an adult sitting on the front seat. If the SRS is triggered in an accident, severe injury or even life threat may be caused.  ● Do not install any accessories such as telephone support, cup or ashtray on an air bag trim cover or within the functioning range of an air bag. Otherwise, the deployment of the air bag will aggravate the injury when an accident occurs. |

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| WARNING (CONTINUED) |
| ● After a collision occurs, though the air bag module does not deploy and the pre-tensioned seat belt does not lock up, to protect passengers from high-pressure hazards, the air bag computer will be encrypted. In this case, contact a BYD authorized service provider for testing. |

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| CAUTION |
| ● Do not modify any components of the SRS, including corresponding labels. Have any operation on the SRS carried out by a BYD authorized service provider.  ● The SRS has a strong resistance to electromagnetic interference and electromagnetic disturbance around. However, to avoid unexpected conditions, please do not operate the vehicle in an environment with electromagnetism intensity beyond the limit required by the country.  ● The SRS of the vehicle has been fully verified and the original wiring harness system matches the SRS perfectly. Any modification or change to the vehicle wiring harness may cause the SRS to be triggered in normal conditions or fail to be triggered when the triggering conditions are met. |

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| CAUTION |
| ● When transferring the vehicle, please hand over to a new owner all documents delivered with the vehicle.  ● Be sure to replace the SRS within 10 years since the day of its manufacture. Contact a BYD authorized service provider for its replacement. If you replace any components of the SRS before the day due for replacement, please keep all SRS replacement records.  ● The air bag can only provide accident protection for one time. Once the SRS is triggered or damaged, be sure to replace the system.  ● When scrapping any parts of the vehicle or its air bag system, please observe relevant safety regulations and scrapping procedure.  ● The driver should keep his/her chest at least 25 cm from the steering wheel to obtain the most effective protection when the SRS is triggered.  ● The SRS of the vehicle is designed with full consideration of the common misuse and road conditions in the country. However, to avoid unexpected conditions, please do not allow the bottom of the vehicle to suffer impact or drive the vehicle violently in a severe road condition. |

1-3 Child Restraint System

Classification of Child Restraint System

■ Choose a set of child restraint system suitable to your child's age and body size. If your child's body size is too large to use a child restraint system, arrange your child on the rear seat and wear a seat belt.

■ Please correctly fix the child restraint system not used to a seat. Do not place the child restraint system on a passenger seat or in the trunk arbitrarily.

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| WARNING |
| ● Be sure to restrain and protect your child with a seat belt or child restraint system based on his/her age and body size to effectively protect him/her in an accident or emergency stop.  ● Holding a child in arms cannot substitute for a child restraint system. In an accident, a child may bump against the windshield or get squeezed between you and the passenger compartment, resulting in severe injury or even life threat to that child. |

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| WARM TIP |
| ● BYD highly suggests that you use a child restraint system. Studies reveal that a child restraint system installed in the rear seat is safer than in the front seat.  ● The seat belts in the vehicle are mainly designed based on the body size of adults and not suitable for children. Please select suitable child restraint system based on the age and body size of your child.  ● Please install a child restraint system correctly as per the installation manual provided by its manufacturer. Otherwise, severe injury or even life threat may be caused to a child in case of emergency stop or accident. |

Installation of Child Restraint System

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| **Installing child restraint system with ISOFIX rigid anchor** |

|  |  |
| --- | --- |
| The rear outboard seats are equipped with special anchorage levers. (A label indicating the anchorage position is affixed on the seat.) | image29 |
| The rear outboard seats are provided with anchor bases. (for top tether) | image30 |

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| WARM TIP |
| ● Fix the top tether when installing the child restraint system. |

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| --- | --- |
| **Installation of child restraint system:**  1. Check the position of the special anchorage lever and install the child restraint system on the vehicle's seat. | image31 |

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| WARNING |
| ● When using a lower anchor, make sure that no foreign objects are around the anchor and the seat belt is not stuck behind the child safety seat. Make sure that the child restraint system is fixed firmly. Otherwise, severe injury or even life threat may be caused to a child in case of emergency stop or accident. |

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| WARM TIP |
| ● The anchorage lever is installed in the gap between seat cushion and seat backrest. |

|  |  |
| --- | --- |
| 2. Lift the headrest. Open the anchor base cover. Attach the clip to the anchor base and tighten the top tether. Make sure that the top tether is attached securely.  Clip  Top tether  Anchor base | image32 |

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| WARNING |
| ● Push/pull the child safety seat to different directions and make sure it has been securely installed. |

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| WARM TIP |
| ● If the child restraint system is provided with a top tether, fix the top tether to the anchorage position. |

■ If the driver's seat obstructs the correct installation of the child restraint system, install it on the rear right seat.

|  |  |
| --- | --- |
| ■ Do not use a rearward facing child restraint system on a seat protected by front air bag (activated). Otherwise, when an accident occurs, the impact force applied when the front passenger air bag deploys rapidly will cause severe injury or even life threat to a child there. |  |

**Information on suitability of different seats for child restraint system:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Mass Group** | **Seat (or Other Positions)** | | |
| **Front Passenger** | **Rear Outboard Seats** | **Rear Middle** |
| Group 0  (Less than 10 kg) | X | U | X |
| Group 0+  (Less than 13kg) | X | U | X |
| Group I  (9 ~ 18 kg) | X | U/UF | X |
| Group II  (15 ~ 25kg) | X | UF | X |
| Group III  (22 ~ 36kg) | X | UF | X |

Note: The letters in the table are defined as follows:

U = The seat is suitable for universal child restraint systems certified under this mass group.

UF = The seat is suitable for universal forward facing child restraint systems certified under this mass group.

X = The seat is not suitable for child restraint systems under this mass group.

**Information on suitability of different ISOFIX positions for ISOFIX child restraint system:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Mass Group | Size | Fixture | Seat (or Other Positions) | | |
| Front Passenger | Rear Outboard Seats | Rear Middle Seat |
| Carry-cot | F | ISO/L1 | X | X | X |
| G | ISO/L2 | X | X | X |
| Group 0  (Less than 10 kg) | E | ISO/R1 | X | X | X |
| Group 0+  (Less than 13kg) | E | ISO/R1 | X | X | X |
| D | ISO/R2 | X | X | X |
| C | ISO/R3 | X | X | X |
| Group I  (9 ~ 18 kg) | D | ISO/R2 | X | X | X |
| C | ISO/R3 | X | X | X |
| B | ISO/F2 | X | IUF | X |
| B1 | ISO/F2X | X | IUF | X |
| A | ISO/F3 | X | IUF | X |

Note 1: For child restraint systems not following the ISO/XX size class identification (A-G), for each applicable mass group, vehicle manufacturers shall indicate the vehicle-specific ISOFIX child restraint system recommended for each seat.

Note 2: The letters in the table are defined as follows:

IUF = The seat is suitable for universal ISOFIX forward facing child restraint systems certified under this mass group.

X = The ISOFIX position is not suitable for ISOFIX child restraint systems under this mass group and/or size class.

1-4 Anti-theft System

Anti-theft System

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| If any door is opened when the vehicle is in the anti-theft mode, the system will produce audible alarm and the turn signals will flash to prevent theft of the vehicle.  **Setting system**  1. Power off the vehicle.  2. Ask all passengers to get off the vehicle. |  |

3. Lock all the doors. When all the doors are locked, the anti-theft indicator remains on and the anti-theft system will be set automatically within 10s. Once the system finishes setting, the anti-theft indicator will start to flash.

4. Ensure that the anti-theft indicator flashes and then you may leave the vehicle. No one should stay in the vehicle when anti-theft system is automatically setting because unlocking the door from inside the vehicle will trigger the system.

**Triggering alarm**

■ The alarm will be triggered if:

● Any door is unlocked/opened or the front compartment hatch and trunk are opened by other means instead of the PEPS function of the intelligent key.

● The vehicle is powered up by other means instead of the PEPS function of the intelligent key.

**Disarming alarm**

■ The alarm can be disarmed by the following methods:

● Unlock the doors or trunk lid by remote control.

● Unlock doors with the microswitch.

● Press the START/STOP button with the intelligent key carried in the vehicle.

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| WARNING |
| ● Do not modify the anti-theft system by means of alteration or addition because such modification may cause a fault to the system. |

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| **Anti-theft indicator** |

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| ■ With the power in the OFF mode and four doors locked, the anti-theft indicator will stay on for about 10s in the anti-theft setting mode.  ■ In the anti-theft mode, the anti-theft indicator will flash at a low frequency.  ■ After the vehicle is powered up normally, the anti-theft indicator will go out. |  |

2. Instrument Set

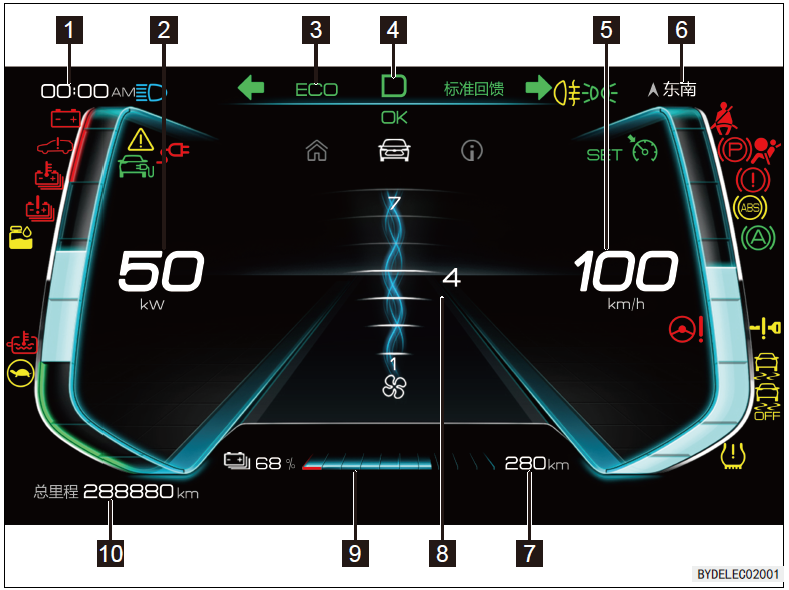
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[View of Combination Instrument 38](#_Toc45881884)

[Instrument Indicators 39](#_Toc45881885)

2-1 Combination Instrument

View of Combination Instrument



|  |  |
| --- | --- |
| Time | Orientation |
| Power meter | Driving range |
| Working mode | Menu information |
| Gear | SOC indicator |
| Speedometer | Odometer |

Instrument Indicators

|  |
| --- |
| Indicators/Warning Lights |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Turn signal indicator |  | Clearance light indicator |
|  | Discharging indicator (if any) |  | OK indicator |
|  | Automatic vehicle hold indicator |  | ECO indicator |
|  | SPORT mode indicator |  | Main cruise display indicator (if any) |
|  | Cruise control indicator (if any) |  | High beam indicator |
|  | Rear fog light indicator |  | ABS fault warning light |
|  | ESP fault warning light |  | ESP OFF warning light |
|  | Tire pressure monitoring system fault warning light |  | Intelligent key system warning light |
|  | Main warning indicator |  | Limited power driving indicator |
|  | Low power battery warning light |  | Snow mode indicator |

|  |  |  |  |
| --- | --- | --- | --- |
|  | A/C heater low fuel level warning light (if any) |  | SRS fault warning light |
|  | Unfastened seat belt indicator |  | Charging connection indicator |
|  | EPB indicator |  | Parking system fault warning light |
|  | Powertrain fault warning light |  | Power battery fault warning light |
|  | Power battery over temperature warning light |  | Steering system fault warning light |
|  | Low voltage power supply system warning light |  | Motor coolant over temperature indicator |

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| **Description of Indicators/Warning Lights** |

**Intelligent key system warning light**

■ After the START/STOP button is pressed, if the key is not in the vehicle, this warning light will illuminate and stay on for a few seconds, with one sound from the buzzer, and the screen will display "Key is not detected. Please check whether the key is in the vehicle".

■ If you press the START/STOP button when a matched electronic intelligent key is in the vehicle, this warning light will not illuminate and the vehicle can be powered up and started.

■ If you take the key into the vehicle within a few seconds after illumination of this warning light, the warning light will go out and the vehicle can be powered up and started.

■ If the warning light flashes after you press the START/STOP button, it indicates that the key battery is low.

**ABS fault warning light**

■ With the vehicle powered up (OK), this warning light will illuminate. If the ABS works normally, this warning light will go out a few seconds later. This warning light will illuminate again if there is a failure in this system and will stay on until the fault is eliminated.

■ When the ABS warning light illuminates (with the parking system fault warning light off), the ABS does not work, but the brake system still works normally.

■ When the ABS warning light illuminates (with the parking system fault warning light off), as the ABS does not work, the wheels will be locked up in emergency brake or braking on wet and slippery roads.

■ If any of the following situations occurs, it indicates a fault in a part monitored by the warning light system. In this case, contact a BYD authorized service provider for inspection of the vehicle as soon as possible:

● With the vehicle powered up (OK), this warning light does not illuminate or stay on.

● This warning light illuminates during driving.

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| --- |
| WARM TIP |
| ● Brief illumination of this warning light in operation is not a sign of any problems.  ● If the parking system fault warning light and the ABS fault warning light illuminate at the same time, park the vehicle where it is safe to do so immediately and contact a BYD authorized service provider. This is because braking the vehicle in such a situation can cause the ABS to malfunction, and the vehicle would become extremely unstable. |

■ The ABS has self-check function. In case of any fault, the ABS indicator on the dashboard will illuminate. In this case, drive your vehicle to a BYD authorized service provider for inspection.

■ If the ABS indicator and the brake system indicator illuminate at the same time and the parking brake has been released completely, it indicates that the braking force distribution system for the front and rear wheels has also malfunctioned. In this case, drive your vehicle to a BYD authorized service provider for inspection.

■ If the brake pedal does not feel right, take measures immediately. Contact a BYD authorized service provider for inspection as soon as possible.

**Tire pressure monitoring system fault warning light**

■ With the vehicle powered up (OK), this warning light will illuminate. If the tire pressure monitoring system works normally, this warning light will go out a few seconds later. This warning light will illuminate again if there is a fault in this system later.

■ When the tire pressure monitoring system fault warning light illuminates or flashes, it indicates a fault in the tire pressure monitoring system.

■ When the tire pressure monitoring system fault warning light stays on, it indicates that corresponding tire or tires have insufficient tire pressure.

If any of the above mentioned situations occurs, contact a BYD authorized service provider for inspection as soon as possible.

**ESP fault warning light**

■ With the vehicle powered up (OK), this warning light will illuminate. If the ESP system works normally, this warning light will go out a few seconds later. This warning light will illuminate again if there is a fault in this system and will stay on until the fault is eliminated.

■ If the ESP fault warning light flashes while the vehicle is traveling, it indicates that the ESP is working.

■ When the ESP fault warning light illuminates (ABS fault warning light and parking system fault warning light go out), the ESP fails, but the ABS and brake system still work normally.

■ When the ESP fault warning light illuminates (ABS fault warning light and parking system fault warning light go out), as the vehicle stability control system fails, the vehicle would be extremely unstable when taking a sharp turn or circumventing an obstacle ahead abruptly.

■ If any of the following situations occurs, it indicates a fault in a part monitored by the warning light system. In this case, contact a BYD authorized service provider for inspection of the vehicle as soon as possible:

● With the vehicle powered up (OK), this warning light does not illuminate or stays on upon power-up.

● This warning light stays on during driving.

● Flashing of this warning light during traveling indicates that the system is working.

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| WARM TIP |
| ● Brief illumination of this warning light in operation is not a sign of any problems.  ● If the ESP fault warning light still illuminates when the ABS fault warning light and the parking system fault warning light illuminate, park the vehicle where it is safe to do so immediately and contact a BYD authorized service provider. This is because braking the vehicle in such a situation can cause the vehicle to become extremely unstable and the ABS to malfunction completely. |

**ESP OFF warning light**

■ With the vehicle powered up (OK), this warning light will go out a few seconds later.

■ When the "ESP OFF" button is pressed, the light should illuminate and stay on and the ESP system would not work. When the "ESP OFF" button is pressed again, the light should go out and the ESP function returns to normal.

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| WARM TIP |
| ● If the ESP OFF indicator lights up, the driver must raise his/her vigilance and keep the vehicle at a relatively low speed when driving at a sharp turn and making a sudden turn to avoid obstacle. This is because braking the vehicle in such a situation can cause the ESP system to malfunction, and the vehicle would become unstable. |

**Main warning indicator**

Illumination of this indicator indicates that you should pay attention to a fault prompt message on the information display area.

**Limited drive power warning light**

This warning light illuminates when the power battery SOC is low and the motor power is limited.

**A/C heater low fuel level warning light (if any)**

When this warning light illuminates, it indicates that the A/C heater fuel level is low. In this case, add diesel fuel at a gas station as soon as possible.

**Parking system fault warning light**

■ With the vehicle powered up (OK), this warning light will illuminate. If the parking system works normally, this warning light will go out a few seconds later.

■ This warning light will illuminate when the brake fluid level is low or the brake system becomes faulty.

■ If any of the following conditions occurs, park the vehicle where it is safe to do so immediately and contact a BYD authorized service provider.

● This warning light illuminates when the brake fluid level is low with the vehicle powered up (OK).

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| WARM TIP |
| ● Do not continue driving when the brake fluid level is low because it is very dangerous to do so. |

● When the motor is running, if the brake fluid level is normal and the EPB system is working normally (the EPB switch can be pulled up and released normally, without the message "Check EPB system"), this warning light stays on.

● The parking system fault warning light and the ABS fault warning light illuminate at the same time.

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| WARM TIP |
| ● Brief illumination of this warning light in operation is not a sign of any problems. |

**Unfastened seat belt indicator**

This indicator reminds the driver or passenger to fasten his/her seat belt. With the power in the "OK" mode, if the driver's seat belt is not fastened, the unfastened seat belt indicator will illuminate. The indicator will stay on until the seat belt is fastened.

**Low voltage power supply system warning light**

■ During charging, this light warns of a failure in the charging system.

■ During discharging, this light warns of a failure in the discharging system.

■ In a process other than charging/discharging, this light warns of the working status of the DC module and the start battery module.

■ Lighting up of the light during driving indicates a problem of the DC system or LV battery system. In this case, turn off the A/C, fans and radio and drive the vehicle directly to the nearest BYD authorized service provider for repair.

**SRS fault warning light**

■ With the vehicle powered up (OK), the warning light will illuminate and go out about a few seconds later if the SRS is normal. The warning light monitors the SRS ECU, collision sensor, inflator, warning light, wiring and power supply.

■ If any of the following situations occurs, it indicates a fault in a part monitored by the warning light system. In this case, contact a BYD authorized service provider for inspection of the vehicle as soon as possible:

● With the vehicle powered up (OK), this warning light does not illuminate or stays on upon power-up.

● This warning light illuminates or flashes during driving.

**Motor coolant over temperature indicator**

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

**Steering system fault warning light**

■ With the vehicle powered up (OK), this warning light will illuminate. If the steering system works normally, this warning light will go out a few seconds later.

■ If the steering system becomes faulty, this warning light will stay on. In this case, send the vehicle to a BYD authorized service provider for inspection.

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| **WARM TIP** |
| ● The steering system uses the motor to reduce the force required for turning the steering wheel.  ● When turning the steering wheel, you may hear the motor humming when it is working. This is not a sign of a failure.  ● Do not maintain the steering wheel in a limit position for more than 5s; otherwise the temperature protection will be activated, thus causing heavy steering or damages. |

■ When the steering wheel is turned frequently in place, if the steering system fault warning light does not illuminate but steering feels heavy, it is not a fault.

● If the steering wheel is turned frequently in place for a long time, the steering system boosting effect will decrease to prevent over temperature of the system, resulting in heavy steering when operating the steering wheel. In this case, avoid frequently turning the steering wheel or pull over the vehicle; the system will return to normal in 10 min.

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| **WARNING** |
| ● If the steering system fault warning light illuminates, park the vehicle where it is safe to do so immediately and contact a BYD authorized service provider. |

**Powertrain fault warning light**

■ If the powertrain fails, this warning light will illuminate.

■ If any of the following situations occurs, it indicates a fault in a part monitored by the warning light system. In this case, contact a BYD authorized service provider for inspection of the vehicle as soon as possible:

● With the vehicle powered up (OK), this warning light will stay on.

● This warning light illuminates during driving.

|  |
| --- |
| **CAUTION** |
| ● Brief illumination of this warning light in operation is not a sign of any problems.  ● Do not drive the vehicle with the warning light on as much as possible. Drive the vehicle to a BYD authorized service provider to check and identify the problem as soon as possible. |

**Power battery over temperature warning light**

■ If this indicator lights up, the power battery is subject to an over temperature. In this case, immediately stop the vehicle for cooling down. If the indicator flashes, pull over the vehicle immediately and get out of the vehicle as soon as possible.

■ Over temperature of the power battery may arise from:

● Long distance climbing slopes on a hot day for a long time.

● Frequent acceleration and braking in stop-and-go traffic or operating for a long time without any break.

**Power battery fault warning light**

■ This light will illuminate if there is a fault in the system. Contact a BYD authorized service provider for inspection as soon as possible.

■ If any of the following situations occurs, it indicates a fault in a part monitored by the warning light system. In this case, contact a BYD authorized service provider for inspection of the vehicle as soon as possible:

● When the vehicle is powered up (OK), this warning light stays on.

● This warning light stays on or occasionally illuminates during driving.

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| **Operation of Controller** | **3** |  |

3. Operation of Controller

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3-1 Keys and Doors

Keys

The vehicle is provided with intelligent key, Bluetooth key (if any) and mechanical key (installed in the intelligent key) that allow you to unlock/lock vehicle doors, start the vehicle and implement other functions.

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| --- | --- |
|  | **Electronic Intelligent Key** |

■ Electronic intelligent key – By pressing the front left door microswitch while carrying the electronic intelligent key with you, you can unlock/lock all doors. By operating buttons on the intelligent key, you can also unlock/lock doors, open the trunk lid, and implement remote control start function.

|  |  |
| --- | --- |
| 1 LOCK: lock the doors  2 UNLOCK: unlock the doors  3 START/STOP: start/stop the vehicle  4 HOLD: unlock the trunk  5 Indicator  6 Mechanical Key |  |

|  |
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| **CAUTION** |
| ■ The intelligent key is an electronic component. Please observe the following instructions to prevent damage to the intelligent key:  ● Do not place the key in a position exposed to high temperatures, such as on the dashboard exposed to sunlight in summer.  ● Do not disassemble it privately.  ● Do not use the key to strike other objects.  ● Do not immerse the key in water or clean it in an ultrasonic washer.  ● Do not place the intelligent key near to devices radiating electromagnetic waves, such as mobile phones. |

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| **CAUTION (continued)** |
| ● Do not attach any objects which shield electromagnetic wave signals to the intelligent key (such as a metal seal).  ● You may register spare keys for one vehicle. For details, please contact a BYD authorized service provider.  ■ If the intelligent key fails to control doors within the normal range, or the indicator on the key is dim or out of work:  ● Check if any radio station or radio transmitter of an airport is nearby interfering with the normal operation of the intelligent key.  ● The battery of the intelligent key may be dead. Check the battery in the intelligent key. To replace the battery, please contact a BYD authorized service provider.  ■ If your intelligent key is lost, contact a BYD authorized service provider as soon as possible to prevent your vehicle from being stolen or any other unexpected accident.  ■ Do not privately change the transmission frequency and increase the transmission power (including adding additional transmission frequency amplifiers). Do not privately add an external detection antenna or use other transmission detection antennas instead.  ■ Avoid harmful interference with legal radio communication services during use. Once any interference is identified, stop using and take measures to eliminate interference before continuing to use the function.  ■ If the micro power radio equipment is adopted, be sure to keep it away from interference of various radio signals, or radiation from industrial, scientific and medical applications.  ■ Individuals with implanted heart pacemakers or cardiac defibrillators shall be kept away from the detection aerial of the PEPS system, as the electromagnetic waves may interfere with such equipment. Users of other electronic medical devices shall also consult the manufacturer of such devices for information regarding their use under the interference of electromagnetic waves. The electromagnetic wave may lead to unpredictable consequences to the usage of the medical equipment. |

|  |  |
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|  | **Bluetooth key (if any)** |

■ Bluetooth key (if any) – You can control the vehicle via Bluetooth connection to the vehicle in near range, including controlling door unlocking/locking, etc.

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| --- | --- |
|  | **Mechanical Key** |

Mechanical key (in the electronic intelligent key) – It can be used to unlock/lock the driver's door. When the mechanical key is not used, be sure to insert it to the intelligent key.

|  |  |
| --- | --- |
| ■ To use the mechanical key in the electronic intelligent key, follow the procedure as shown in the right figure. Press the square button (1) on the electronic intelligent key and pull out the mechanical key in the direction of arrow (2).  ■ When the mechanical key is not used, be sure to insert it to the key and close the rear cover of the electronic intelligent key. |  |

|  |  |
| --- | --- |
| **Mechanical key number plate**  The mechanical key number is marked on the number plate. If your key is lost or you need a spare key, you may ask a BYD authorized service provider to reproduce the key with the key number plate. |  |

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| **WARM TIP** |
| ● Be sure to place the number plate in a secure place. Do not place it in the vehicle.  ● BYD recommends that you remember the key No. and store the number plate in a secure place. |

Door Lock/Unlock

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| --- | --- | --- |
|  | **Locking/unlocking with mechanical key** | |
| Insert the key into the lock hole and turn the key.  ■ UNLOCK: turn the key in clockwise direction  ■ LOCK: turn the key in anticlockwise direction | |  |

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|  | **Opening door with door panel handle** |

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| ■ With the vehicle unlocked, pull the handle once to open the door from inside the vehicle.  ■ With the vehicle unlocked, pull the handle twice continuously to open the door from inside the vehicle. |  |

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|  | **Locking/unlocking with intelligent key** |

■ The remote control system is designed to lock or unlock all doors from a distance of about 30m and implement additional functions.

■ When carrying a registered intelligent key into the activation area, you can lock or unlock all the doors by pressing the "UNLOCK" or "LOCK" button on the key slowly and firmly.

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| **Locking:**  ■ Press the "LOCK" button to lock all vehicle doors at the same time. If all doors, front compartment hatch and trunk lid are closed, the turning signals will flash once.  ■ If any door, front compartment hatch or trunk is not closed, the turn signals will not flash and the horn will sound alarm once. |  |

**Unlocking:**

■ Press the "UNLOCK" button to unlock all the vehicle doors; at the moment, the turn signals will flash twice.

■ If the vehicle is powered up, doors cannot be unlocked or locked by pressing the "UNLOCK" or "LOCK" button.

■ When unlocking all doors with electronic intelligent key, even if no door is opened, interior lights (with "DOOR" switch turned on) may light up and go out 15s later.

■ After unlocking all doors with the electronic intelligent key, please open any door within 30s; otherwise, all doors will become locked automatically after this period of time elapses.

■ Even if you press and hold the "LOCK" or "UNLOCK" button, the lock or unlock function will not be repeated. You need to release the button and press it again.

**Unlocking trunk lid with intelligent key:**

Press the "trunk lid unlock" button twice to open the trunk lid; at the moment, the turn signals will flash twice.

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| --- | --- |
|  | **Vehicle locating** |

■ When the vehicle is in anti-theft mode, press the LOCK button, and then the vehicle will sound and the turn signals will flash for 15 times. You can locate your vehicle with this function when you are unable to identify the location of your vehicle.

■ When the vehicle is in the vehicle locating state, press the LOCK button again to allow it to get into the next vehicle locating state.

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|  | **Locking/unlocking with microswitch** |

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| **Locking:**  ■ When the vehicle is in the unlocked state and all the doors are closed, carry the correct intelligent key and press the microswitch on the exterior door handle or trunk lid slowly and firmly to lock all doors. At this moment, the turn signals will flash once.  ■ When the vehicle power is in a mode other than OFF mode, the doors cannot be locked even if the microswitch is pressed. |  |

**Unlocking:**

■ When the vehicle is in the locked state, carry the correct intelligent key and press the microswitch on the exterior door handle or trunk lid slowly and firmly to unlock all doors. At this moment, the turn signals will flash twice.

■ After using the unlock function, please open a door within 30s; otherwise, all doors will become locked automatically after this period of time elapses.

● When unlocking the doors with the PEPS system, check if the doors are unlocked before pulling the door handle.

**Doors will not be unlocked/locked when the microswitch is pressed in the following conditions:**

● The microswitch is pressed while any door is being opened or closed.

● The vehicle power is not in the OFF mode.

● The key is left in the vehicle.

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| **WARM TIP** |
| ● If the intelligent key is too close to an exterior door handle or window, the entry function may not be activated. |

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|  | **Locking/unlocking with Bluetooth key (if any)** |

Refer to the user manual of electronic format for the specific method to operate the vehicle with Bluetooth key.

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|  | **Locking/unlocking with console door lock** |

**Unlocking and locking all vehicle doors with console door lock buttons**

Refer to "Front Left Door Switch Set" in this chapter.

**Automatic locking and unlocking of doors**

■ When the vehicle speed is over 20km/h, all doors will lock automatically.

■ When the START/STOP button is pressed and the power is switched from OK to OFF mode, all doors will unlock automatically.

**The buttons can be used to lock and unlock all doors at the same time.**

Press the console door lock switch to lock all vehicle doors at the same time. In this case, the doors cannot be opened from outside the vehicle. To open a door, pull the interior door handle once to unlock the door and pull the interior door handle again to open the door.

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|  | **Emergency mechanical locking of vehicle** |

When the console door lock fails or the intelligent key battery is low, you may use the mechanical key for emergency locking.

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| ■ Insert the mechanical key into the gap inside the lock tongue, and turn the mechanical lock to pull downward the locking mechanism (white plastic block shown in the figure) of the three doors other than the driver's door to lock the three doors. |  |

■ Please lock the three doors other than the driver's door before locking the driver's door with the mechanical key.

■ To get into the vehicle, unlock the driver's door with the mechanical key. After getting into the vehicle, operate the interior door handles twice to unlock other doors.

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| **WARM TIP** |
| ● Avoid applying excessive force that may deform or fracture the key in operation. |

PEPS System

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| --- | --- |
|  | **PEPS functions** |

With an electronic intelligent key carried with you, you can unlock or lock doors.

**Entry function**

It is used to unlock and lock doors. For details, please refer to "Locking/unlocking with microswitch" in this chapter.

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| **Start function**  With an electronic intelligent key inside the vehicle, the vehicle can be started/stopped. |  |

**When the START/STOP button is pressed and the starting function cannot work normally, it may be caused by the following reasons:**

■ If the electronic intelligent key does not work, its battery may have run out. In this case, replace the intelligent key battery as soon as possible.

■ If you need to start the vehicle repeatedly in a short time, wait for 10s before each vehicle starting cycle.

■ When the steering wheel is locked, press the START/STOP button and slightly shake the steering wheel at the same time.

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| **CAUTION** |
| ● Do not touch the START/STOP button when driving the vehicle. |

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|  | **Locations of antennas** |

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| --- | --- |
| **Locations of detection antennas**  1 Interior detection antenna  2 Exterior detection antenna |  |

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|  | **Activation area** |

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

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| ■ Entry function activation area – within about 1 m from the microswitches on the exterior front door handles. If the electronic intelligent key is too close to a door handle or window, the entry function may not be activated.  ■ If the PEPS does not work properly, preventing entry into the vehicle, you may unlock and lock the driver's door with the mechanical key in the electronic intelligent key. |  |

■ When the intelligent key of another vehicle approaches this key, the time of unlocking the doors may be longer than usual.

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| **WARM TIP** |
| In the following cases, the PEPS functions may be deactivated:  ● When there are facilities nearby emitting strong electromagnetic wave, such as television towers, power stations, and radio stations;  ● When the intelligent key is carried together with communication devices, such as interphones and mobile phones;  ● When the intelligent key contacts or is covered by metal objects;  ● When the door handle is operated quickly.  ● When the intelligent key approaches a door handle.  ● When there is low battery;  ● When the intelligent key is near high-voltage or noisy equipment.  ● When the intelligent key is carried together with another vehicle's intelligent key for PEPS or with any other radio transmitter.  ● The intelligent key may not work normally in some positions (e.g. on the dashboard, in the glove box, and on the floor) even if it is in the activation area. |

**Intelligent key battery runs out**

If the vehicle cannot be started by the electronic intelligent key and the indicator on the electronic intelligent key does not flash, the electronic intelligent key battery may have run out and the battery should be replaced as soon as possible.

**Saving battery power**

■ The key will still communicate with the vehicle, even if the vehicle is not running. For this reason, do not leave the key in the vehicle or within a range of 2m from the vehicle.

■ To reactivate the PEPS, please use any of the following operation methods:

● With the electronic intelligent key carried with you, press the microswitch on an exterior front door handle;

● Perform remote control operation.

■ If the intelligent key receives strong electromagnetic wave signals over a prolonged period, the battery will run out rapidly. The intelligent key must keep at a distance of at least 1m from the following equipment:

● Television sets;

● Personal computers;

● Mobile phone chargers;

● Electroliers;

● Fluorescent desk lamps.

■ If the PEPS does not work properly due to a system fault, contact a BYD authorized service provider with all intelligent keys with you.

**Child Safety Lock**

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| ■ The child safety lock is designed to prevent any child in the rear seat from opening any door unintentionally. There is a child safety lock on the side of the rear left and right doors each.  ■ Insert a mechanical key or any other flat object into the child safety lock:  ● Turn it counterclockwise to fasten the lock;  ● Turn it clockwise to unfasten the lock. |  |

■ When the child safety lock is being locked, opening the door from inside the vehicle is impossible. The exterior door handle must be used to open the door.

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| --- |
| **CAUTION** |
| ● Confirm that the doors have been closed and child safety lock function has been activated before driving, especially when there is any child in the vehicle. Fastening the seat belt and activating the child safety lock function correctly are helpful for preventing the driver and the passengers from being thrown out of the vehicle in case of an accident and preventing unintentional opening of the doors. |

3-2 Seats

Instructions for Operating Seats

■ When the vehicle is running, all passengers in the vehicle must keep the backrests upright, have their backs rest on the backrests, and fasten seat belts correctly.

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| **WARNING** |
| ● Do not drive the vehicle before all passengers are seated correctly.  ● Do not sit on a folded backrest, in the trunk or on any goods. Otherwise, any person who is not seated correctly or does not fasten the seat belt correctly may be seriously injured in the case of emergency brake or collision.  ● Passengers are not allowed to stand or move between seats when the vehicle is running. Otherwise, they may be seriously injured in the case of emergency brake or collision. |

**Precautions for seat adjustment:**

Adjust the driver's seat so that the brake pedal, steering wheel and dashboard controller are located within a range to enable the driver to control easily.

|  |
| --- |
| **WARM TIP** |
| ● The driver is not allowed to adjust his/her seat when driving to avoid unpredicted movement of the seat, making the driver lose control on the vehicle.  ● Do not make the seat hit any passenger or luggage when adjusting the seat.  ● After manual adjustment of the seat to a corresponding front or rear position, slide it forward and backward to confirm that the seat has been locked.  ● After adjustment of backrest, lean backward to confirm that the backrest has been locked.  ● Do not put any object under the seat, because such object may affect the seat locking mechanism or accidentally push up the seat position adjustment lever, causing sudden movement of the seat and making the driver lose control on the vehicle.  ● Do not put hands under the seat or near any moving part when adjusting the seat to avoid jamming the hands or fingers.  ● When measuring the cushion depth, keep in mind that the front and back positions of the seat are the final travel positions of the slide rail and the design backrest angle is 25°. |

|  |  |
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|  | **Adjustment of Front Seat** |

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| **1. Forward-and-backward adjustment of seat**  ■ Hold the middle of the adjustment lever and pull it upward. Slide the seat forward or backward to a desired position with slight body pressure and then release the adjustment lever. |  |
| ■ After adjustment of the seat to a corresponding forward or backward position, move the seat forward and backward to confirm that the sound of slide rail being locked is produced and that the seat has been locked in position. | |
| **2. Backrest adjustment lever**  Pull up the lever and meanwhile tilt the backrest forward or backward to a desired position, and then release the lever. |  |

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| --- | --- |
|  | **Adjusting seat heating and ventilation system (if any)** |

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| **Configuration 1**  **Heating and ventilation system buttons**  1 Driver's seat heating button  2 Driver's seat ventilation button  ■ Press button 1 to start heating the driver's seat; press button 1 again to stop heating the driver's seat. |  |

■ Press button 2 to start ventilating the driver's seat; press button 2 again to stop ventilating the driver's seat.

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| --- | --- |
| **Configuration 2**  The user may also turn on or off the seat heating and ventilation system on relevant setting interface by operating the [Quick] button on the multimedia touch screen.  1 Driver's seat heating button  2 Driver's seat ventilation button  **Adjusting seat heating and ventilation system** |  |

■ Press button 1 to start heating the driver's seat; press button 1 again to stop heating the driver's seat.

■ Press button 2 to start ventilating the driver's seat; press button 2 again to stop ventilating the driver's seat.

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| --- | --- |
| **Configuration 3**  The user may also turn on or off the seat heating system on relevant setting interface by operating the [Quick] button on the multimedia touch screen.  1 Driver's seat heating button  2 Front passenger's seat heating button |  |

**Adjusting seat heating system**

■ Press button 1 or 2 to start heating corresponding driver's seat/front passenger seat; press button 1 or 2 again to stop heating corresponding driver's seat/front passenger seat.

Folding of Rear Seat

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| --- | --- |
| Pull up the fold unlock handle on the seat backrest to allow you to fold the rear seat backrest. |  |

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| --- |
| **WARM TIP** |
| ● To fold the seat, push the rear seat belt lock tongue to the top.  ● When folding or restoring the rear seats, please operate them at a normal speed and avoid quick lowering or pulling up the backrests to prevent the seat belts on the rear seats and backrests from being damaged or functioning abnormally. |

Headrest

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| --- | --- |
| **Lifting headrest**  Lift the headrest to a proper position along the direction of headrest lever, and release the headrest until a lockup sound is heard.  **Lowering headrest**  Press the headrest height adjustment button, lower the headrest to a proper position, and release the button. After that, lift the headrest in a small range, and release the headrest until a lock-up sound is heard. |  |

**Taking off headrest**

Press and hold the headrest height adjustment button, take off the headrest, and then release the button.

**Installing headrest**

Insert the headrest connecting rod into the seat cover and keep the groove facing forward. Press the headrest height adjustment button, lower the headrest to a proper position, and release the button. After that, lift the headrest in a small range, and release the headrest until a lock-up sound is heard.

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| **WARM TIP** |
| ● To avoid neck injury and other head injuries, adjust the headrest height to make the center of the headrest flush with the upper level of your ear.  ● After adjusting the headrest, press down the headrest to confirm that it is in the locked position.  ● Do not drive the vehicle if no headrest is provided.  ● Do not attach any object to the headrest lever. |

3-3 Steering Wheel

Steering Wheel Adjustment

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| ■ If the angle of steering wheel needs to be adjusted, hold the steering wheel and operate as follows:  ● Press the steering wheel adjustment handle downward, tilt the steering wheel to the desired position, and then restore the handle to its original position. |  |

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| **WARNING** |
| ● Do not adjust the steering wheel when the vehicle is running. Otherwise, mis-operation of the vehicle may be caused, resulting in an accident.  ● After adjustment, move the steering wheel upward and downward to confirm that it has been locked firmly. |

|  |  |
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|  | **Steering locking function** |

■ The steering wheel will be locked up if remote control or microswitches are used for locking doors.

● When the START/STOP button is pressed, the steering wheel lock is automatically released. If the steering wheel lock is stuck, press the START/STOP button and meanwhile gently shake the steering wheel to release it.

3-4 Switches

Light Switch

|  |  |
| --- | --- |
| Turn the knob at the end of the light switch to "O" to turn off all lights except the daytime running light. |  |
| **Automatic lighting**  Turn the knob at the end of the light switch to "" to allow the controller to automatically control the clearance lights and low beams to turn on or off depending on the brightness value collected from the light intensity sensor. |  |
| **Clearance light**  Turn the knob at the end of the light switch to "" to turn on the clearance lights. |  |
| **Low beam**  Turn the knob at the end of the light switch to "" to turn on the low beams. |  |

|  |  |
| --- | --- |
| **Rear fog light**  Turn the knob at the end of the light switch to "" and turn the fog light knob to "" to turn on the rear fog lights. |  |
| **Headlight flasher**  Pull the light switch handle up (close to the steering wheel) to allow the headlight flasher to flash. Release the switch to allow it to reset and turn off the headlight flasher. |  |
| **High beam**  With the knob at the end of the light switch turned to  , push the light switch lever downward (away from the steering wheel) to turn on the high beams; push the light switch lever downward again to turn off the high beams. |  |
| **Turn signal**  ■ Push upward the light adjustment lever of multi-function switch; the right turn signals and their indicators on the instrument will start to flash at the same time.  ■ Push downward the light adjustment lever of multi-function switch; the left turn signals and their indicators on the instrument will start to flash at the same time. |  |

■ After the turn signals are turned on, even after release of the switch, corresponding turn signals will flash continuously. The turn signals will go out after the vehicle completes the turn. The light handle shall return to its original position after one turn under some extreme conditions depending on different operation habits of the driver.

**Automatic lighting OFF function**

■ Conditions for activation of automatic lighting OFF function: This function will be activated when the light handle of the multi-function switch is turned to "" or "" and the power is switched from ON to OFF.

■ After the automatic lighting OFF function is activated, if the front left door is closed, the headlights and clearance lights that are on will automatically go out 10s later.

■ After the automatic lighting OFF function is activated, if the front left door is open, the headlights and clearance lights that are on will automatically go out 10 min later.

■ After automatic lighting OFF, if the state of the light switch changes, lights will turn on based on the new state and if the automatic lighting OFF function activation condition is met at the moment, lights will go out automatically.

■ Deactivation of automatic lighting OFF function: After the vehicle is powered up, the automatic lighting OFF function will be deactivated and the light know can be operated normally.

■ After lights go out due to the automatic lighting OFF function and the vehicle gets into the anti-theft state, when the anti-theft state is canceled, the lights that have gone out will turn on automatically. If the front left door is not open, the lights will go out again 10s later due to the automatic lighting OFF function. If this door is open, the lights will go out again 10 min later due to the automatic lighting OFF function.

**Follow me home function**

■ Lighting for homing:

● The driver can set the time for follow me home (lighting for homing) in the multimedia interface and the default time is 10s. When the light handle of the multi-function switch is turned to "", "" or "" and the driver powers the vehicle OFF, locks all the doors and intends to leave the vehicle, the corresponding lights will continuously turn on for 10s (or the set time) for lighting.

■ Lighting for leaving home:

● The driver can set the time for follow me home (lighting for leaving home) in the multimedia interface and the default time is 10s. When the light handle of the multi-function switch is turned to "", "" or "" and the driver unlocks the vehicle and intends to get close to the vehicle, the corresponding lights will continuously turn on for 10s (or the set time) for lighting.

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| **CAUTION** |
| ● The set time for light-up and go-out of corresponding lights can be changed in the multimedia interface. |

Wiper Switch

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| ■ The control lever is used to control the wipers and washers for the windshields. The control level has five control modes:  ● : HI: high-speed wiping  ● **▲**: LO: low-speed wiping  ● : INT: intermittent wiping  ● : OFF: stop wiping  ● ▽: MIST: point wiping |  |

■ To select a mode, raise or lower the control lever to a desired mode.

■ In the LO or HI mode, the wiper will wipe continuously.

■ To enable the wiper to operate in the MIST mode "▽", pull down the control lever from "". The wiper will wipe at a low speed until you release the control lever (after release, the wiper will complete the current travel and return to the initial position).

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| In the INT mode "", you can turn the INT control knob on the wiper switch. As the rainfall indicator bar narrows, the wiping intervals will also be prolonged. |  |
| **Wiper and washer for front windshield**  ■ To clean the front windshield, pull the wiper control lever backward (close to the steering wheel) to enable the washer to spray washing fluid and the wiper to operate at the same time. |  |
| ■ When you release the control lever, the washer will stop spraying washing fluid while the wiper will wipe for another 3 times before stopping. | |

Front Left Door Switch Set

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|  | **Power window switch** |

With the vehicle powered up (OK), opening and closing of vehicle windows may be controlled by the regulator switch of each side window.

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| **Driver's window regulator switch**  The window regulator switch has 2 modes, as indicated by 1 and 2 in the figure.  ■ Manual operation  ● Lowering window: Press the window regulator switch to 1 mode position and keep it to lower the window; releasing the switch can immediately stop the window; |  |

● Raising window: Pull the window regulator switch to 1 mode position and keep it to raise the window; releasing the switch can immediately stop the window;

■ Automatic operation

● Press the window regulator switch to 2 mode position and then release it to allow the window to lower automatically.

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| **WARNING** |
| ● When closing a power window, make sure no one's hand is placed on the window glass to avoid pinch their hands or fingers, causing extremely serious injury. |

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| **Window lock switch**  After pressing the "window lock" button, the driver can control the windows on the four doors, and the window regulator switches on the rear passenger sides are turned off with indicators off at the same time. |  |

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|  | **Console door lock switch** |

The driver's door is equipped with electric door lock switches, which can lock or unlock all doors of the vehicle.

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| 1: Lock  By pressing the lock button on the console door lock, all the four doors will be locked at the same time and the red locking indicator will illuminate.  2: Unlock  By pressing the unlock button on the console door lock, all the four doors will be unlocked at the same time. |  |

■ When the vehicle speed is over 20km/h, all doors will lock automatically.

■ When the vehicle is powered off, all doors will unlock automatically.

■ When the vehicle suffers strong impact, all doors will unlock automatically. Automatic unlocking will depend on the impact strength and the type of accident.

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|  | **Exterior rearview mirror adjustment switch** |

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| **Exterior rearview mirror selection button**  ■ : left exterior rearview mirror selection button  ■ : right exterior rearview mirror selection button  Exterior rearview mirror adjustment button |  |
| ■ Press “△”, “▽”, “◁” or “▷” to adjust an exterior rearview mirror to a proper position. | |

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| **WARM TIP** |
| ● If exterior rearview mirrors are frozen, use a jet deicer to clean the mirror surfaces instead of attempting to operate the controller or scrape their surfaces. |

Passenger's Window Regulator Switch

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| When the vehicle is powered up (OK), the right front and rear door window regulator switches can be used to regulate the front right and rear door windows respectively. |  |

Hazard Warning Light Button

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| By pressing the hazard warning light button, the hazard warning light button will reset automatically, all turn signals will start to flash, and the turn signal indicator on the instrument and the indicator on the hazard warning light button will flash synchronously. Press the hazard warning light button again; the indicators will stop flashing. |  |

ODO/TRIP button

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| --- | --- |
| ■ Press the ODO/TRIP button to switch in the circulation of ODO ‑‑‑‑ TRIP A — TRIP B — ODO. In addition, the corresponding information switching state will be displayed on the instrument.  ■ Press and hold the button to reset the TRIP A and TRIP B to zero. |  |

Light Adjustment Switch Set

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| The light adjustment switch set consists of the headlight adjustment switch.  Headlight adjustment switch  ■ This switch is used to adjust the beam angle of headlights upward/downward. After low beams are turned on, this switch can be operated. |  |

■ When the headlight adjustment switch is at level 0, the beam height of the headlights is at the highest level. When the switch is at level 5, the beam height of the headlights is at the lowest level. The driver may set the adjustment switch to a desired level from level 0 to level 5 depending on his/her need and the beam height of the headlights will change accordingly.

Mode Switch Set

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| --- | --- |
| 1 ECO mode button (if any)  After pressing this button, the vehicle will run in ECO mode.  ■ ECO mode: The vehicle travels with moderate dynamics, comfortable driving and riding experience, and better economic efficiency in this mode.  2 SPORT mode button (if any)  After pressing this button, the vehicle will run in SPORT mode. |  |

■ SPORT mode: The vehicle travels with good dynamics in this mode. If the power battery SOC is low or the vehicle operates in a high temperature or low temperature condition, the acceleration performance will decrease.

3 Snow mode button

■ This special mode is for the very hard road surface covered by a layer of soft or wet objects (such as grass, snow, ice or gravel).

■ In this mode, the towing, driving and control performance under wet and slippery conditions will be optimized, and the accelerator pedal should be selected prudently.

■ Turning off the ESP system may be workable if the motor performance is reduced due to the activation of dynamic stability control function under loose and soft snow conditions. The ESP system must be restarted after the difficulty has been overcome.

|  |
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| **WARM TIP** |
| ● During driving, energy can be recovered through the regenerative brake when the vehicle is decelerating. However, for more effective use, do not make unnecessary acceleration or deceleration of the vehicle.  ● If the mode is switched from ECO (economical mode) to SPORT (sport mode) during traveling, the vehicle will immediately output a higher power than the original one to meet the driver's demand. In this case, take care to drive safely. |

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| **Feedback button (if any)**  ■ Press the "Feedback" button to switch between the high mode and standard mode of the vehicle and adjust the strength of the vehicle energy feedback. |  |

Steering Wheel Switch Set



When the vehicle is powered up (OK), the audio control switch can be operated.

**"MODE" button (if any)**

■ In selection mode: press this button to switch in the circulation of FM → AM (if any) → USB 1 (if a USB flash drive is connected to the USB port) → USB 2 (if any) → Bluetooth music (if connected) → third-party APP (APP opened in the background with sound) → FM.

■ If the audio system is turned off, press the "Mode" button once to turn on the audio system and make it enter the memory play mode saved at the time of last turning off. If there are no sources of play (such as no connection with external audio equipment) in the memory play mode, the audio system will directly switch to the FM mode. Press this button again, and the audio system will switch in the above-mentioned order.

■ Press and hold this button to turn off the audio system.

**Scroll wheel** 

Multimedia system

■ Pull the scroll wheel upward to increase the sound volume by a single step until the maximum volume is reached (12 steps in one turn).

■ Pull the scroll wheel downward to decrease the sound volume by a single step until the minimum volume is reached (12 steps in one turn).

■ Pull the scroll wheel downward to mute the multimedia system

Instrument

■ Pull the scroll wheel upward:

● In the instrument menu mode, pull this button upward to select the second/third-level menu item;

● When setting for preset charging, press this button upward to increase the number of hours / minutes.

● In A/C air volume control/temperature control mode (if any): increase the temperature/air speed.

■ Pull the scroll wheel downward:

● In the instrument menu mode, pull the scroll wheel downward to select the second/third-level menu item downward;

● When setting for preset charging, press this button downward to decrease the number of hours / minutes.

● In A/C air volume control/temperature control mode (if any): decrease the temperature/air speed.

■ Press the scroll wheel:

● In the instrument menu mode, press the scroll wheel to enter the next menu of the current option or confirm the current settings;

● When setting for preset charging, press the scroll wheel to confirm the current settings.

**Left/right button** 

Multimedia system

■ In radio mode:

● Press and hold ◁ to automatically search the previous channel with strong signal (decrease the frequency);

● Press ◁ once to select the pre-saved radio station upward;

● Press and hold ▷ to automatically search the next channel with strong signal (increase the frequency);

● Press ◁ once to select the pre-saved radio station downward.

■ In USB / Bluetooth music / third-party music APP mode:

● Press ◁ to play the previous song (song number -1).

● Press ▷ button to play the next song (song number +1).

■ Bluetooth call recents and telephone directory interfaces:

● Press ◁ to select upward;

● Press ▷ once to select downward.

Instrument

■ In the instrument menu mode:

● Press ◁ to switch leftward to a first-level menu and its submenus;

● Press ▷ to switch rightward to a first-level menu and its submenus.

■ When setting for preset charging:

● Press ◁ to switch leftward to hour and minute settings;

● Press ▷ to switch rightward to hour and minute settings.

**Phone button (if any)** 

■ Press this button to dial/accept a call (the audio system becomes mute when the button is pressed).

■ When the system displays an interface not related to Bluetooth, if Bluetooth is not connected, press this button once to make the system enter the Bluetooth connection interface; if Bluetooth has been connected, press this button to make the system enter the dial interface.

■ After entering a phone number in the dial interface or selecting an entry in the call recents or phone directory interface, press this button to achieve the dial function.

**Speech recognition button (if any)** 

Press this button to switch the multimedia screen to the speech recognition page and implement the speech function.

**Instrument / return button** 

■ In the non-instrument menu mode, press the button to pop up the instrument menu.

■ In the instrument menu mode, press the button to return to the previous interface or to exit the menu if no previous interface exists.

■ In the charging interface, press the button to enter the preset charging setting interface.

■ In the preset charging interface, press the button to exit preset charging.

■ In the Bluetooth call interface, press this button once to end the call in the call connection status.

**Cancel button (if any)** 

■ Press this button to cancel the cruise control activation state. At this moment, the cruise control system will change from activation state to standby state.

**Cruise control button (if any)** 

■ Press this button to turn on/off the cruise control system.

**+/- button (if any)** 

■ Pull the lever upward; press it to increase the set speed by 2 km/h; press and hold it to increase the set speed continuously.

■ Pull the lever downward; press it to decrease the set speed by 2 km/h; press and hold it to decrease the set speed continuously.

**SET button (if any)** 

SET

■ Press this button to set the current speed as the target cruise speed.

**RESET button (if any)** 

RESET

■ Press this button to activate the cruise control system and call out the previous system setting parameters.

**Customize button (if any)** 

■ With the Customize button not customized, press or press and hold it to enter the Customize interface. Customizable functions include taking photos with vehicle traveling data recorder, central control screen rotation and video locking of vehicle traveling data recorder.

■ With the Customize button having a customized function, press it to activate the function; press and hold it to enter the Customize interface to re-customize a function or cancel customization.

**Horn button** 

■ Press the horn button area to activate the horn, and release it to deactivate the horn.

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| **CAUTION** |
| ● Do not press and hold the horn button area for a long time; otherwise the horn will be easily damaged. |

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| **WARM TIP** |
| ● Please follow the traffic regulations and use the horn properly. |

Interior Light Switch (If Any)

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| **Configuration I**  The front interior light can be turned on by touching the front interior light cover in any power mode. |  |
| Configuration II  ■ Touch the left/right reading light cover to turn on the interior lights.  ■ Touch the reading light cover again to turn off the interior lights. |  |

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| **WARM TIP** |
| ● There is a "Door" switch on the multimedia screen. When the "Door" switch is turned on, opening any door will turn on the interior lights in low luminance; touching an interior light cover will turn on the interior lights in high luminance; touching the interior light cover again will change the interior lights to low luminance. (PAD configuration)  ● The "Door" mode stays on by default and cannot be turned off. Opening any door will turn on the interior lights in low luminance; touching an interior light cover will turn on the interior lights in high luminance; touching the interior light cover again will change the interior lights to low luminance. (Radio configuration)  ● In the "Door" mode, with the vehicle powered OFF, when the doors are closed, the interior lights will illuminate and go out 15s later; with the vehicle powered ON, when the doors are closed, the interior lights will illuminate and go out 2s later. |

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4-1 Charging Instructions

Charging Instructions

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|  | **Safety warnings for charging** |

■ The charging equipment is a high-voltage electrical device. It is forbidden for minors to perform charging operation or touch or use the charging equipment. Do not allow minors to approach during charging.

■ Charging may affect medical or implantable electronic devices. Consult the electronic device manufacturer before charging.

■ Please charge the vehicle in a relatively safe environment (no liquids, open flames or heat sources).

● If charging has to be carried out during rainfall, protect the charging unit to prevent water from entering the unit.

■ Equipment inspection and operation before charging:

● Make sure that the power supply equipment, charging plug, charging port and charging connection devices are free of abnormal conditions such as cable wear, rusted port, cracked housing, or foreign objects in the port;

● Do not charge the vehicle when any metal terminal of the power supply plug / power supply socket or charging plug / charging port is damaged or loose due to rusting or corrosion;

● When the charging plug / charging port and power supply plug / power supply socket have obvious stain or damp, wipe them with a dry and clean cloth to ensure that the connection is dry and clean.

■ Use electric vehicle specific charging equipment that meets relevant national standards:

● Do not modify, remove or repair the charging equipment or relevant interfaces to avoid resulting in a fault to charge or in fire disaster;

● Do not use nonconforming products.

■ Do not operate with wet hand; otherwise, electric shock and personal injury may be caused.

■ Immediately stop charging and contact a BYD authorized service provider if abnormal condition is found in the vehicle or charging equipment during charging.

■ To prevent damage to the vehicle during charging, observe the following precautions:

● Do not shake the charging plug; otherwise, it may cause damage to the charging port of the vehicle;

● Do not charge the vehicle in thunderstorm weather, because lightning stroke may cause damage to the vehicle.

■ Do not open the front compartment for maintenance during charging.

■ After charging, do not disconnect the charging equipment with wet hands or while standing in the water, so as to prevent electric shock that may result in personal injury.

● Before driving, make sure that the charging equipment has been disconnected from the charging port.

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|  | **Precautions for charging** |

■ When the SOC indicator bar on the combination instrument is in the red zone and the low power battery warning light illuminates, it indicates that the power battery is about to run out. In this case, charge it in time; otherwise, it will affect the service life of the power battery.

■ AC charging with household portable equipment refers to charging with A/C charging connection device provided for the vehicle ("3-pin to 7-pin" for short). It is recommended to use 220V, 50Hz, 10A dedicated AC line and power socket to avoid line damage and protective trip due to high-power charging, affecting the normal use of other equipment.

■ In order to avoid damage to the charging equipment (precautions for charging equipment):

● Do not impact the charging equipment and take care to prevent mechanical damage such as dropping and impact by external force;

● Do not place the charging equipment near a heater or other heat sources.

■ Charging plug connection operation before charging:

● Make sure that the charging plug and charging port are free of foreign objects, and the electric shock protection cap on the terminal of the charging plug are not loose or deformed;

● Hold the charging plug in hand, align the charging plug with and push it into the charging port, and make that the charging plug is inserted in place.

■ Charging plug disconnection operation after charging:

● Stop charging and make sure the charging port is unlocked;

● Hold the charging plug in hard, press the button on the charging plug, and pull out the charging plug;

● Do not pull out the charging plug forcibly when the charging port is locked; otherwise, the charging port will be damaged.

■ Before charging, make sure the vehicle power is in the OFF mode.

■ Precautions for charging:

● During charging, the A/C can be used normally. To ensure sufficient charging power, it is not recommended to turn on the A/C.

● During charging, it is recommend that the vehicle should be parked in a ventilated area. Persons are not recommended to remain inside the vehicle.

● During charging, predicted remaining time to full charge will be displayed on the combination instrument. It is normal that the predicted remaining time to full charge may vary to some extent with different temperatures, power capacities and charging facilities.

● It is normal for the instrument to display "calculating" or "equalizing" before end of charging.

■ After the power battery is fully charged, the charging system will automatically stop charging.

■ To stop DC charging, turn off the charging pile and then disconnect the charging connector. For AC charging with household portable equipment, disconnect the charging plug at the vehicle end and then disconnect the power supply plug at the power supply end.

■ After charging ends and the charging plug is removed, make sure that the charging port protection cover and charging port cap are closed, because water or foreign objects may enter the charging port and affect the normal use.

■ Before starting the vehicle, make sure the charging equipment has been disconnected, because when the charging equipment locking mechanism is not fully locked up, the vehicle may be driven in gear, and this may result in damage to the charging equipment as well as the vehicle.

■ If the vehicle is not to be used for an extended period of time, it is recommended that it be charged and driven once every 3 months to prolong the service life of the power battery.

■ If the charging port cap is frozen due to cold weather or others, it is recommended to melt the ice with hot water before opening the charging port cap. Do not forcibly open the charging port cap.

■ When the battery temperature is too high or too low, the vehicle charging time will be prolonged to some extent; in an extreme environment, normal charging may become impossible.

● In northern regions where the temperature is low, it is recommended to charge the vehicle in heated space indoors.

● For charging at low temperature, the temperature control system (if any) can improve the low-temperature charging capacity of the battery and enhance the vehicle charging performance.

● During DC charging in the low-temperature and high-SOC condition, based on the low-temperature characteristics of power battery, the charging current is small. To increase the charging speed, it is recommended that the vehicle be charged with a low SOC in a low- temperature environment.

● During AC charging at a low temperature, to increase the charging power, the temperature control system (if any) will be activated at this moment, the power consumption for heating will increase when compared with DC charging and the charging time will also extend. These are normal phenomena for charging in a low-temperature environment.

● To improve the vehicle driving experience, it is recommended that the vehicle be charged immediately after being driven. At this moment, the temperature of power battery is relatively high and the charging performance can be improved.

● Both the performance of the battery temperature control system (if any) and the charging performance of the vehicle will be affected if A/C is turned on during charging at a low temperature.

■ When heating (if any) is turned on during charging, it is normal that there is a certain delay in the charging time and the charging power will increase slightly.

■ During charging, after the battery heating starts, it is normal that the charging power displayed on the instrument may drop and fluctuate for a short time.

■ Before charging is completed, to improve the battery service life, the battery equalization function will be activated, and this may result in delay in charging time.

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|  | **Charging mode** |

The pure electric vehicle is driven by electric energy supplied from power battery. To prevent insufficient power of the power battery affecting 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 by three methods:**

1. AC charging with household portable equipment

2. Single-phase/Three-phase AC charging through charging pile (if any)

3. DC charging through charging pile

■ The charging time of power battery varies with the charging method, current SOC, real-time temperature, service time, ambient temperature and other conditions.

■ Charging shall comply with the requirements of GB/T 18487.1-2015.

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|  | **Charging mode** |

1. Preset charging (to charge the vehicle for a fixed period of time in accordance with the charging time set by the user)

Refer to setting procedures of preset charging function on the combination instrument for details.

2. Instant charging (charging starts after connection to the charging port or after operation)

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|  | **Diagnosis of general charging faults** |

| **Fault Status** | **Possible Cause** | **Solution** |
| --- | --- | --- |
|  | The power battery is fully charged | When the power battery is fully charged, it will automatically stop charging. |
| Charging unavailable, physical connection completed, and charging not started | The temperature of power battery is too high or too low | Place the vehicle in an environment with suitable temperature and recharge it when its temperature becomes normal. |
| Start battery is over-discharged | Replace the start battery |
| The charging equipment is faulty | Confirm that the power indicator of the charging equipment is normal or there is no other abnormal message; otherwise, replace the charging equipment to charge or contact the charging equipment supplier. |
| The vehicle display is faulty | Stop charging and contact a BYD authorized service provider after confirming that there is any prompt message of charging system fault. |
| Charging stops in the charging process | The power grid fails | Within a certain period of time, if the power grid resumes power supply, charging will restarted. |
| Charging cable is not connected properly | Confirm that the cable of charging connection device is not loosely connected. |
| The button of charging connection device is pressed down | The charging equipment will stop charging if the button of charging connection device is pressed down. Re-connect the charging connection device to start charging. |
| Charging stops in the charging process | The temperature of power battery is too high or too low | The EV function limitation is displayed on the combination instrument and the charging equipment will stop charging automatically. Recharge after the battery cools down. |
| The vehicle or charging equipment is faulty | Contact a BYD authorized service provider after confirming that there is a prompt of the fault of equipment or vehicle. |
| Press the key or microswitch | To stop charging, pull out the charging plug within 30s after unlocking. |

Charging Method

■ Inspection before charging:

● Make sure that the charging device has no abnormalities such as cracked housing, worn cable, rusted plug or foreign object.

● Do not charge when the connection of the charging connection device becomes loose.

● Make sure that there is no water or foreign object in the charging port, and the metal terminal is not rusted or corroded.

■ If any of the above conditions occurs, charging is prohibited; otherwise, it may cause short circuit or electric shock, resulting in personal injury.

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|  | **AC charging with household portable equipment** |

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| **1. Description of equipment**  ■ AC charging connection device is a charging unit delivered with the vehicle, and it connects the vehicle and the standard household single-phase two-pole socket (220V, 50Hz, 10A) with grounding to charge the vehicle. |  |

■ A household socket complying with the relevant national standards should be selected as the power supply socket to prevent high-power charging from damaging the circuit and causing protective tripping that may affect the normal service of other equipment.

■ The equipment consists of power supply plug, charging plug, charging plug protection cover, and charging cable in line with the national standard ("3-pin to 7-pin" for short). The power supply plug is connected to the household standard power supply socket, and the charging plug is connected to the vehicle charging port.

■ Specifications of equipment: 220V AC 50Hz 8A

■ Charging time: Please see the charging time prompt displayed on the combination instrument.

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| **WARM TIP** |
| ● Contact a BYD authorized service provider or a local electrician to select the suitable power supply according to the requirements of charging equipment.  ● Grounding instructions for charging equipment: The equipment must be well grounded. If the charging equipment becomes faulty or damaged, the grounding wire will allow discharge in a circuit with the minimum impedance, so that the risk of electric shock will be reduced. The charging equipment is equipped with a grounding wire connecting the equipment grounding point and the grounding point of power supply plug. The plug must match with the power supply socket that is correctly installed and well grounded. |

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| **CAUTION** |
| ● During charging, the charging connection cable should not be coiled; otherwise, heat dissipation will be affected.  ● Refer to the charging instructions for specific charging precautions. |

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| **WARNING** |
| ● Refer to the charging safety warnings in the charging instructions for specific charging safety warnings.  ● The maximum operating ambient temperature is 50°C. Please store this product in a cool and dry place when it is not in use.  ● During charging, do not place the equipment in the trunk, under the vehicle nose, or near the tire.  ● Do not drop or tread on the product or allow vehicle to run over it during use.  ● Do not let the equipment fall from height. Do not move the charging equipment by directly pulling the cable. Handle it gently.  ● Do not modify, remove or repair the charging equipment or relevant ports.  ● It is not recommended to use any additional electric wire or adapter. If it is necessary to add an external adapter, please select wire of appropriate diameter (wire with diameter ≥1.5 m2) and the adapter parameters should meet the requirements.  ● Do not use the charging equipment in the cases of softening of household power supply plug-in wire, wearing of charging plug cable, cracking of insulation layer, or any other damage conditions.  ● Do not use the charging equipment when the charging plug, power supply plug or socket is broken, cracked or showing any surface damage conditions. |

**2. Guidance on charging operation**

■ Opening the charging port cap and charging port protection cover:

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| ● Open the charging port cap. |  |
| ● Open the charging port protection cover; make sure that the ends of the charging plug and charging port are free of obstructions. |  |
| ■ Connecting power supply port:  ● Insert the power supply plug of the 3-pin to 7-pin equipment into the household socket. The power indicator of the 3-pin to 7-pin equipment will stay on (in red). |  |

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| ■ Connecting vehicle charging port:  ● Connect the charging plug of the 3-pin to 7-pin equipment to the charging port and lock it securely.  ● Connect the charging plug. The charging plug connected indicator  on the combination instrument will illuminate.The charging indicator of the 3-pin to 7-pin equipment will flash (in green). |  |

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

● In this condition, preset charging can be set via the instrument. Refer to setting procedure of preset charging function on the combination instrument for details.

**3. Guidance on stopping charging**

■ End charging:

● Charging will end automatically when the vehicle is fully charged;

● To end charging in advance, proceed to the next step.

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| ■ Disconnect the charging port connection:  ● If the electric lock works in the inactive anti-theft mode, press the mechanical button of the charging plug directly, and pull out the charging plug; |  |
| ● If the electric lock works in the active anti-theft mode, press the UNLOCK button on the key or press the microswitch on the door handle (when the key is nearby), press the mechanical button of the charging plug, and pull out the charging plug. | |

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| **WARM TIP** |
| ● Unlock the vehicle by pressing unlock button on the key (for charging in the OFF mode) or press the microswitch on the door handle (when the key is nearby).  ● Before pulling out the charging plug, unlock the vehicle to unlock the electric lock of the charging port, and pull out the charging plug within 30s; otherwise, the electric lock of the charging port will be locked again.  ● The working mode of electric lock can be set via the multimedia. For the setting procedure, please refer to the working mode settings of electric lock via the multimedia.  ● If the charging plug cannot be pulled out after unlocking, attempt to unlock for several times. If the charging plug cannot be pulled out, try emergency unlocking. For the operation steps, refer to the emergency unlocking of charging port in section about the charging port electric lock control. |

■ Disconnect the power supply plug.

■ Close the charging port protection cover and charging port cap.

■ Put the 3-pin to 7-pin equipment into the storage box in the trunk.

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| **WARM TIP** |
| ● Do not close the charging port cap when the charging port protection cover is fully open. |

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| **WARNING** |
| ● Do not let the 7-pin to 7-pin equipment fall from height. Do not move the charging equipment by directly pulling the cable. Handle it gently and put it at a cool and shaded place after use. |

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|  | **Single-phase/Three-phase AC charging through charging pile (if any)** |

**1. Description of equipment**

Single-phase AC charging box

■ The charging box delivered with the vehicle can be used to charge the vehicle. For the use of charging equipment, refer to its instruction manual or follow the instructions.

■ Specifications of equipment: 220V AC 50Hz 32A

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| ■ Single-phase AC charging box: The equipment consists of charging box, charging plug and connection cable. For information about the circuit breaker and emergency stop switch, refer to the charging box manual. |  |

Single-phase AC charging pile

■ Public single-phase AC charging pile can be used to charge the vehicle. As some charging piles are not equipped with charging plugs, an AC charging connector should be prepared.

■ Specifications of equipment: 220V AC 50Hz 32A or 220V AC 50Hz 16A

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| ■ AC connection device (if any): This device consists of power supply plug, charging plug, plug/charging plug protection cover, and connection cable in line with the requirements of the national standard, referred to as seven to seven ("7-pin to 7-pin" for short). The power supply plug is connected to charging pile power supply socket, and the charging plug is connected to the vehicle charging port. |  |

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| **WARM TIP** |
| ● During use of the 7-pin to 7-pin equipment, to avoid reverse connection, pay attention to the tags on the power supply plug and the charging plug.  ● 7-pin to 7-pin equipment is not provided with the vehicle. If you need such equipment, please purchase it from a BYD authorized service provider. |

Three-phase AC charging pile (if any)

■ Public AC charging pile can be used to charge the vehicle. AC charging piles are generally installed in public places, such as large supermarkets, shopping malls and parking lots.

■ The BYD three-phase AC charging pile can also be used to charge the vehicle. For the use of charging equipment, refer to its instruction manual or follow the instructions.

■ Specifications of equipment: 380V AC 50Hz 63A

■ Charging time: Please see the charging time prompt displayed on the combination instrument.

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| **WARM TIP** |
| ● If power supply resumes after short-time outage of the external power grid, BYD charging equipment will re-start charging automatically and no re-connection of the charging equipment is required.  ● The charging equipment must be well grounded. If the charging equipment becomes faulty or damaged, the grounding wire will allow discharge in a circuit with the minimum impedance, so that the risk of electric shock will be reduced. |

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| **CAUTION** |
| ● Pay attention to the parking position of the vehicle before charging to ensure that the charging cable would not be straightened during charging.  ● To end charging before the vehicle is fully charged, please set the charging equipment to end charging in advance; do not cut off the power with load as much as possible.  ● Refer to the charging instructions for specific charging precautions. |

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| **WARNING** |
| ● Refer to the charging instructions for specific charging safety warnings. |

**2. Guidance on charging operation**

AC charging can be performed by connecting the vehicle to an AC charging pile with the 7-pin to 7-pin equipment or connecting the vehicle to an AC charging pile/box with a charging plug of the AC charging pile/box

Instant charging method:

■ Opening the charging port cap and charging port protection cover:

● Open the charging port cap and charging port protection cover with reference to the AC charging with household portable equipment.

■ Connecting power supply port:

● If the charging box delivered with the vehicle is used to charge the vehicle, this step can be omitted;

● If an AC charging pile equipped with a charging plug is used to charge the vehicle, this step can be omitted;

● If a single-phase AC charging pile not equipped with a charging plug is used to charge the vehicle, the 7-pin to 7-pin equipment should be used. To use the equipment, connect the power supply plug to the power supply socket on the charging pile.

■ Connecting vehicle charging port:

● Connect the charging plug of the charging equipment to the charging port of the vehicle and lock it securely.

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| **WARM TIP** |
| ● Do not forcibly insert the charging plug when the electric lock is locked. |

■ Charging setting:

● For the single-phase AC charging box delivered with the vehicle or public AC charging pile without setting options, this step can be omitted;

● For public AC charging pile/box with setting options, to use it, swipe your card or scan the QR code on it. For specific operation, refer to the charging pile/box instructions.

■ The charging plug connected indicator  on the combination instrument will illuminate.

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

● In this condition, preset charging can be set via the instrument. Refer to setting procedure of preset charging function on the combination instrument for details.

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| **WARM TIP** |
| ● When the battery SOC is low, the preset charging function will not be available. |

**3. Guidance on stopping charging**

■ End charging:

● The charging equipment can be set to end charging in advance or end charging automatically when the vehicle is fully charged.

■ Disconnect the charging port connection:

● Disconnect the charging port with reference to AC charging with household portable equipment.

■ Disconnecting the power supply plug:

● If the 7-pin to 7-pin equipment is used for charging, it is recommended to pull out the charging plug before pulling out the power supply plug;

● If the charging box delivered with the vehicle is used to charge the vehicle, this step can be omitted;

● If an AC charging pile equipped with a charging plug is used to charge the vehicle, this step can be omitted.

■ Close the A/C charging port protection cover and charging port cap (with reference to AC charging with household portable equipment).

■ Sort and properly place the charging equipment.

● If the AC charging pile/box is used for charging, place the charging plug in the designated position of the charging pile/box;

● If the 7-pin to 7-pin equipment is used for charging, sort and place it properly.

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| **WARNING** |
| ● Do not let the 7-pin to 7-pin equipment fall from height. Do not move the charging equipment by directly pulling the cable. Handle it gently and put it at a cool and shaded place after use. |

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|  | **DC charging through charging pile** |

**1. Description of equipment**

■ The AC charging piles in public places can be used to charge the vehicle. Generally, AC charging piles are installed at designated charging stations.

■ Specifications of equipment: Please refer to relevant description of the charging pile.

■ Charging time: Please see the charging time prompt displayed on the combination instrument.

**2. Guidance on charging operation**

DC charging can be performed by connecting the vehicle to a DC charging pile through the charging plug of the DC charging pile.

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| Instant charging method:  ■ Before charging, make sure the vehicle power is in the OFF mode.  ■ Opening the charging port cap and charging port protection cover:  ● Press the red area shown in the figure to open the charging port cap.  ■ Connecting vehicle charging port: |  |

● Connect the charging plug of the charging pile to the charging port of the vehicle and lock it securely.

■ Follow the steps of charging equipment instructions to start charging.

■ The charging plug connected indicator  on the combination instrument will illuminate.

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

● In this condition, preset charging can be set via the instrument. Refer to setting procedure of preset charging function on the combination instrument for details.

**3. Guidance on stopping charging**

■ End charging:

● The charging pile will automatically end charging if the pile is set to end charging in advance or charging is completed.

■ Disconnect the charging port connection:

● Press the mechanical lock button on the DC charging plug and pull out the charging plug.

■ After the DC charging is completed by using a charging pile, arrange the charging equipment, sort it properly, and place the charging plug in the designated position of the charging pile.

■ Close the DC charging port protection cover and the charging port cap on the vehicle.

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| **CAUTION** |
| ● If the charging plug cannot be pulled out after charging, please contact the customer service personnel in charge of the charging pile in time.  ● Refer to the charging instructions for specific charging precautions. |

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| **WARNING** |
| ● Refer to the charging instructions for specific charging safety warnings. |

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| Intelligent Charging Function |

The intelligent charging function will be activated if the start battery voltage is low (insufficient power) and the power battery SOC is higher than 10% when the vehicle is stationary so that the vehicle will automatically start the power battery to charge the start battery to prevent the vehicle from starting failure due to insufficient power of the start battery.

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| **WARM TIP** |
| ● The intelligent charging function and front compartment fan may start automatically in the long-time parking process of the vehicle. This is a normal phenomenon and not a vehicle fault.  ● The power for intelligent charging comes from the power battery, so that the SOC may decrease when the vehicle enters the intelligent charging mode. This is a normal phenomenon, not a vehicle failure. |

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| Charging Port Electric Lock Function |

To prevent theft of the charging plug, the anti-theft function of AC charging port is activated in the charging / discharging process of the vehicle. This function is deactivated by default. To activate this function, operate as per the following steps:

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| **Multimedia control (if any)**  ■ Tap "Vehicle" under "Settings" on the multimedia screen;  ■ Under "Anti-theft setting of charging port", set the working mode to "Active". |  |
| **Instrument control (if any)**  ■ Open the instrument menu and select "Personalization" setting;  ■ Under "Working mode setting of electric lock at charging port", set the working mode to "Active". |  |

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| **WARM TIP** |
| In the anti-theft working mode being "Active" or "Inactive", the charging plug will be locked during charging. In this case, the user can unlock it in the following ways:  ● Press the unlock button on the intelligent key to unlock it (during charging in the OFF mode).  ● Press the microswitch beside the exterior door handle of the driver's door for unlocking (when the key is nearby).  ● Press the window control switch under the window inside the driver's door for unlocking. |

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| **CAUTION** |
| ● The charging plug may be pulled out 30s after its unlocking. The electric lock will lock 30s later.  ● After the vehicle is fully charged, the electric lock will be automatically unlocked in the anti-theft mode being "Inactive" or will need to be manually unlocked in the anti-theft mode being "Active". |

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|  | **Emergency unlocking of charging port** |

If the charging plug cannot be pulled out in case of an electric lock fault, manual emergency unlocking may be performed to try to pull out the charging plug.

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| **Electric lock cable at AC charging port**  1. Open the trunk; the inner right shield of the trunk is equipped with an electric lock cable.  2. Open the cable buckle and pull the electric lock cable to unlock the charging plug.  3. Reset the cable buckle after unlocking. |  |

4-2 Battery

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| Power Battery |

■ The power battery is the power source of the vehicle and can be repeatedly charged and discharged. It can be charged with an external power source and can also be charged through energy recovery during braking or coasting of the vehicle.

■ The power battery is located under the floor of the vehicle body. When driving the vehicle through a bumpy or rough road, reduce the vehicle speed as far as possible and take care to prevent bumps. In case of bumps, it is recommended to drive the vehicle to a BYD authorized service provider for maintenance.

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|  | **Battery characteristics** |

■ Due to the electrochemical characteristics of the power battery and for the purpose of protecting the power battery, it is normal that the vehicle performance may vary in the following conditions:

● When the power battery is high, the energy feedback performance of the vehicle will decrease.

● When the power battery is charged to high SOC, it will be switched to trickle charging mode, with lengthened charging time before end of charging, and the predicted time to full charge displayed by the instrument will deviate.

● When the power battery is low, the acceleration performance of the vehicle will decrease.

● When the power battery is low, VTOL/VTOV (if any) cannot be used normally; please charge it in time.

● At a high or low temperature, the charging and discharging capacity of the power battery will decrease, with lengthened charging time, which is normal. In this case, it is recommended to use high-power charging equipment for fast charging. When the vehicle is driven at extreme temperatures, reduction in power performance may occur.

● For power battery operating at low temperature, the temperature control system (if any) can greatly improve the low-temperature charging capacity of the battery. For instructions on low-temperature charging, refer to the precautions for charging.

● When the vehicle is driven at low temperature, the power battery heating process is slow. In case of short-time driving, the battery temperature control system (if any) does not show an obvious effect, with power consumption increased and driving range shortened instead. In case of long-time driving, the battery generates heat to increase the temperature, resulting in less battery heating requirement of the vehicle. To better improve your vehicle driving experience, the battery temperature control system (if any) is mainly used to ensure the low-temperature charging performance.

● At low temperatures, the power battery SOC will decrease. The SOC will decrease as the temperature decreases. When the vehicle is parked with high SOC and charged in a low temperature environment, its SOC may jump to 100%.

■ When the power battery is normal, the driving range of the vehicle is affected by the following factors:

● Driving habit: For example, the driving range of the vehicle driven with frequent acceleration and deceleration is shorter than that at constant speed, and the driving range of the vehicle driven at a high speed is shorter than that at a low speed;

● Road condition: The driving range of the vehicle driven on a bumpy road or long slope is shorter than that on a flat and dry road.

● Air temperature: The driving range of the vehicle driven in a low temperature environment is shorter than that in a normal temperature environment;

● Use of electrical equipment: The driving range of the vehicle driven with A/C turned on is shorter than that with the A/C turned off.

● The power battery SOC decreases with operation of the vehicle.

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|  | **Recommendations for using batteries** |

■ It is recommended to drive the vehicle with the ambient temperature between -10 °C and 40 °C . In case of low SOC, charge the vehicle in time to ensure long-enough driving range and good acceleration performance.

■ To guarantee the long-term performance, avoid continuously exposing the vehicle to an environment with a temperature above 60°C or below -30°C for more than 24 hours.

■ If the vehicle is to be stored for a long time at a low ambient temperature, it can be placed in an area with high temperature, such as underground garage or warm garage to reduce the loss of battery heat and ensure vehicle operation performance.

■ It is recommended to avoid frequent rapid acceleration and deceleration, select flat and dry road, turn off the A/C and other high-power electrical equipment or adjust A/C temperature if necessary during driving to reduce the power consumption of high-power electrical equipment and increase the driving range.

■ When the vehicle is operated for the first time or after being parked for a long time, the SOC displayed on the instrument may deviate. In this case, it is recommended that the vehicle be fully charged.

■ To keep the power battery be in its best service state, fully charge the power battery with charging equipment at regular intervals (full charging at least once a week is recommended).

■ In extreme conditions (such as continuous rapid acceleration and deceleration), if the temperature of the power battery is too high, the discharging capacity of the power battery will gradually decrease, which is normal. If the battery temperature continues rising, the fault indicator will illuminate on the instrument. In this case, it is recommended to contact a BYD authorized service provider.

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

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| **CAUTION** |
| ● To ensure safety of the power battery, park the vehicle away from flammable and explosive materials, fire sources and hazardous chemicals.  ● Park the vehicle away from heat sources and avoid prolonged exposure to sunlight; otherwise, the service life of the power battery will be shortened.  ● When the vehicle is not to be operated for a long time (more than 7 days), it is recommended to keep the power battery with 40%~60% SOC to prolong the service life of the power battery. When the vehicle is not to be operated for more than 3 months, the power battery must be fully charged and then discharge to 40%~60% SOC every 3 months; otherwise, it may cause over-discharge of the power battery, reduce the battery performance or even damage the battery. Any vehicle fault or damage so caused will not be covered by quality warranty. |

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| **WARNING** |
| In the event of an emergency or dangerous accident, please pay attention to the following warnings:  ● To avoid personal injury, do not touch the power battery directly.  ● Contact a BYD authorized service provider as soon as possible.  ● If the power battery is damaged and the battery liquid is found to be leaking, please do not touch the liquid. If this liquid comes into contact with your skin or eyes, immediately flush with water and seek medical attention.  ● If the vehicle catches fire, use special fire extinguishers rather than water-based fire extinguishers to put out fire. |

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|  | **Power battery recycling** |

When the new energy vehicle meets the scrapping requirements, it is recommended that the following procedure be observed:

1. Send the vehicle to a BYD authorized recycling service provider, where BYD will evaluate the residual value of its power batteries.

2. Scrap the vehicle evaluated to an enterprise engaged in vehicle recycling and disassembling to remove its power batteries.

3. Hand over the used power batteries removed to the BYD authorized recycling service provider for cash.

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| **WARNING** |
| ● Any new energy vehicle owner has the responsibility and obligation to hand over used power batteries to a designated recycling service provider. Anyone who hands over used power batteries to any other organization or individual or removes and disassembles any power batteries privately shall be liable for environment pollution or safety accident so caused. |

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| Start Battery |

■ Check the service conditions of the start battery once every month. Observe the corrosion degree of terminals.

■ If any terminal is corroded to a degree, apply baking soda water to the terminal surface; the terminal surface will produce bubbles and the baking soda will gradually become brown. After it no longer bubbles, wash the surface with water and dry it with cloth. Apply grease to the terminal surface to prevent it from corrosion.

■ If the connector is loosely connected, tighten the clamp nut without being too tight. Tighten the clamp till it can fix the storage battery at its position. Over-tightening will damage the start battery box.

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| **WARM TIP** |
| ● A start battery with insufficient electrolyte should be replaced. Do not add electrolyte by yourself.  ● Before you leave the vehicle, make sure that all doors have been closed and all electrical appliances have been turned off.  ● If the vehicle is to be stored for a long time, please disconnect the cathode wire. |

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| **CAUTION** |
| ● Before checking the storage battery, remove the grounding cable from the negative terminal (with mark) and install it in the end.  ● Use tools in such a manner that would not cause short circuit.  ● Avoid the fluid flowing into the start battery when cleaning it. |

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| **WARNING** |
| ● The start battery may produce combustible and explosive hydrogen. Use tools in such a manner that would not allow the start battery to produce sparks. Do not smoke or ignite in the vicinity of the start battery.  ● Prevent electrolyte from contacting the eyes, skin or clothes.  ● Avoid swallowing the electrolyte by mistake.  ● Be sure to wear goggles when working near the storage battery. If the electrolyte splashes into the eye, flush with plenty of water and seek medical attention in hospital immediately.  ● Be sure to keep children away from the start battery.  ● If the electrolyte splashes on the skin, wash the skin with baking soda water. If any pain or burn is felt, seek medical attention without delay.  ● If the electrolyte splashes onto clothes, it may penetrate and contact the skin. Therefore, take off the clothes at once. If necessary, treat as per the method mentioned above.  ● If the start battery is dead, the settings of the clock and preset channels of the audio system will be canceled. You need to reset the clock and the preset channels. |

4-3 Main Points of Application

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| Running-in Period |

■ Immediately check the vehicle if the powertrain is hard to start or often stops running.

■ Stop and check the vehicle if the powertrain produces any abnormal noise.

■ Stop and check the vehicle if the powertrain is found with serious leakage of coolant and lubricating oil.

■ Powertrain needs running-in. It is recommended to take running-in test in the first 2,000 km of mileage in "ECO" mode. The service life of the vehicle may be extended effectively by driving steadily, avoiding high-speed driving and observing the simply main points as follows:

● Avoid depressing the accelerator pedal to the floor during starting and driving.

● Avoid speeding when driving the vehicle.

● Avoid emergency braking within the first 300 km of mileage.

● Do not drive the vehicle speedily or slowly at a constant speed for a long time.

● Do not use the vehicle to tow other vehicles within the first 2,000 km of mileage.

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| A/C Heater (If Any) |

**A/C heating mode setting (PAD configuration)**

On the main interface of PAD, tap "Vehicle Settings", "Vehicle", "A/C" and "A/C Heating Mode" in sequence, and then you may select "Electric heating" or "Fuel heating".

**A/C heating mode setting (instrument configuration)**

Press the [Menu] button "" to pop up the menu interface on the instrument, press the left/right adjustment button "" on the steering wheel to select vehicle settings "", slide the adjustment scroll wheel and select "A/C Heating Mode", press (short press) the adjustment scroll wheel to pop up a three-level menu interface of "Electric heating" and "Fuel heating", slide the adjustment scroll wheel and select the heating mode, and press (short press) the adjustment scroll wheel to select "Electric heating" or "Fuel heating".

**Refueling**

When the fuel level is low, a prompt message "A/C heater fuel is insufficient, please add diesel fuel in time" will be displayed on the instrument with a prompt tone "beep".

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| The fuel filler hole is at the rear left of the vehicle.  1. Unlock the vehicle; press the refueling hatch, as shown in the figure on the right; after the refueling hatch pops open, pull the refueling hatch to fully open it.  2. Anticlockwise turn the fuel cap and remove it to add diesel oil. |  |
| 3. After adding diesel fuel, clockwise turn and tighten the fuel filler cap to prevent fuel spillage after the vehicle is started. | |

4. Close the refueling hatch.

Refer to the table below for the type of diesel fuel to be used. To avoid diesel fuel freezing, please select diesel grade reasonably depending on the local ambient temperature.

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| **Diesel fuel grade** | **Applicable ambient temperature** |
| 0# | ≥4°C |
| -10# | 4~-5°C |
| -20# | -5~-14°C |
| -35# | -14~-29°C |
| -50# | -29~-44°C |

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| **WARNING** |
| ● If the fuel flows (leaks) from the fuel system of the heater, contact a BYD authorized service provider for assistance immediately.  ● Do not interrupt the cooling operation of the heater in advance by operating the battery circuit breaker unless emergency shutdown is necessary. |

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| **CAUTION** |
| ● Add diesel fuel of appropriate grade that suits the local ambient temperature to avoid diesel fuel freezing.  ● Before refueling or operating the fuel system, power off the vehicle and make sure the fuel heater is turned off.  ● Avoid open flame during refueling.  ● Do not smoke or use cellphone during refueling.  ● When driving the vehicle through water, it is recommended to turn off the fuel heater. The height of flood water shall not exceed the lower edge of the vehicle body.  ● Before winter comes, run the fuel heater for trial operation. If thick smoke is emitted for a long time, abnormal combustion sound is produced, obvious fuel odor is smelled, or any electrical/electronic component is overheated, be sure to turn off the heater immediately and have it checked and repaired at a BYD authorized service provider.  ● Do not block the intake and exhaust systems of the fuel heater; otherwise, the fuel heater may emit smoke or in serious case, work abnormally.  ● Do not operate the fuel heating system in a closed indoor space such as garage or parking building.  ● Do not operate the heater in areas where flammable materials (e.g. hay, leaves, paper, etc.) are present at the exhaust system or where combustible steam and dust may be generated such as areas near fuel depot, carbon storage, coal storage, timber storage, granary and any other similar places.  ● Add coolant of a grade suitable for the operating environment (do not use water) to avoid freezing of the pipeline.  ● As the fuel heater is a high-temperature component, be aware of hot coolant and coolant circuit components; touching these parts may cause personal injury, burns or scalds.  ● Turn off the fuel heater and refuel as soon as possible when the fuel level is low to avoid pumping in air due to exhaustion of fuel in the fuel pipe, affecting vehicle starting next time or causing the heater to fail or lock up. |

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| Trailer Towing |

■ As this vehicle is mainly designed to carry passengers. For safety of your own and others, do not overload the vehicle or use it to tow other vehicles

■ Towing trailer with the vehicle will have adverse effects in terms of control, performance, braking, durability, economic driving, power consumption and other aspects.

■ Driving safety and comfort depend entirely on the proper use of equipment and careful driving habits.

■ BYD Auto will not provide warranties for damage or faults caused by towing.

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| Ways to Save Electric Energy and Extend the Vehicle's Service Life |

■ The electric energy saving method is simple, easy and conducive to extending the service life of the vehicle.

■ The following are some main points for saving electric energy and maintenance & repair cost:

**1. Setting feedback:**

● The vehicle is provided with energy recovery function and the energy recovery intensity can be set in the vehicle setting interface of the multimedia system (if any) and the instrument. When the energy recovery mode is set to a high intensity, the energy recovered during braking and slipping of the vehicle will be increased. Please set according to your driving habits.

**2. Maintaining vehicle speed:**

● Driving the vehicle at a constant speed is helpful for saving power. Rapid acceleration, taking sharp turns and emergency brake will consume more power.

● Keep a constant speed in driving as far as possible depending on the traffic condition, as each acceleration of the vehicle will consume additional electric energy.

● Under appropriate driving conditions, using cruise control (if any) can save more electric energy.

● Accelerate the vehicle slowly and steadily. Avoid quick starting, abrupt acceleration, and abrupt deceleration.

● Maintain a stable speed and follow the traffic lights in driving, or drive on a thoroughfare without traffic lights, with an appropriate distance kept from vehicles ahead to avoid emergency brake, which will also reduce the wear of the brake.

● Avoid driving on roads with traffic congestion as far as possible.

● Keep driving the vehicle at a proper speed on expressways. Higher vehicle speed will result in consumption of more power. Keeping the speed in the range of economic hourly speed can save power.

**3. Reducing load:**

● The operation of A/C will increase additional load for the motor, consuming more power. Turn off the A/C to reduce power consumption. When the exterior air temperature is suitable, use the external air circulation mode as the air intake mode.

● Avoid loading unnecessary weights onto the vehicle. Excessive weights will add the load of vehicle, consuming more energy.

**4. Others:**

● Keep the tire pressure at a correct level. Insufficient tire pressure will result in wear of tires and waste of power.

● Keep correct alignment of the front wheels. Avoid causing collision with curbstones and drive slowly on bumpy roads. Misalignment of front wheels will not only cause too fast wear of tires, but also lead to addition of load to the electric powertrain, resulting in increased power consumption.

● Keep the vehicle chassis clean and free of mud, etc. This can not only reduce the vehicle weight, but also prevent corrosion.

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| **WARM TIP** |
| ● Do not coast in neutral when driving the vehicle. |

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| Carrying Luggage |

■ The vehicle is provided with multiple convenient storing spaces to enable you safely carry luggage. Carrying too much luggage or improper loading may affect the maneuverability, stability and normal running of the vehicle and reduce the vehicle safety.

■ For loading of luggage, the total mass of vehicle body, all persons in the vehicle and luggage should not exceed the maximum permissible mass.

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| **WARNING** |
| ● Both overloading and improper loading will affect maneuverability and stability of the vehicle and may result in collision accidents.  ● Observe the rules related to total load limit and other loading rules in this manual.  ● Do not carry strong magnetic articles to avoid interference with the normal operation of the vehicle. |

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|  | **Carrying objects in passenger area** |

■ Be sure to properly place or fix all objects which may be thrown in the vehicle and hurt passengers in case of collision.

■ Make sure that any object placed on the floor behind front seats will not roll under the seats, so as to avoid affecting the driver's ability to control the pedal or the normal adjustment of front seats. Do not pile up any object beyond the backrests of front seats.

■ Make sure that the glove box is always closed during driving. If the glove box is open, it may hurt the front passenger's knees in case of collision or emergency stop.

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| **WARM TIP** |
| ● Do not fill the vehicle with children's toys because they may impose safety threat, and affect driving safety and may injure children especially in case of emergency braking or collision, although such toys facilitate children to play. |

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|  | **When stowing luggage into the trunk** |

■ Place all luggage evenly on the trunk plate and place the heaviest one at the front-most bottom position as far as possible.

■ Fix objects with a rope or chain, so that they will not move during driving. Do not pile up objects to a height higher than the seat backrests.

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| Fire Prevention |

**To prevent vehicle fire timely and effectively, observe the following precautions:**

■ Do not place any flammables and explosives in the vehicle.

● In the hot summer, the inside temperature of a vehicle parked in the sunshine may be as high as 60~70°C or above. It is easily to cause fire or even explosion if any flammables and explosives such as lighter, detergent and perfume are placed in the vehicle.

■ Make sure that the cigarette end is completely extinguished after smoking.

● A cigarette end not completely extinguished may cause fire.

■ It is recommended to contact a BYD authorized service provider regularly for inspection.

● Check the vehicle lines at regular intervals to find out whether the connection, insulation and fixing positions of electrical connectors and wiring harnesses are normal. Solve identified problems in time.

■ Do not refit the vehicle lines and it is not recommended to install additional electrical appliances.

● Installation of other electric appliances (such as high-power audio equipment and light fixtures) will cause overload of the line, which will result in heating of wiring harness or even fire.

● Using any fuse beyond the rated specifications of electric appliances or replacing the fuse with other metal wires is strictly prohibited.

■ Correctly select parking positions.

● Avoid stopping the vehicle at a place with sun exposure as far as possible.

■ Always keep a portable fire extinguisher in the vehicle and master its application method.

● To ensure vehicle safety, a fire extinguisher should be provided in the vehicle and be checked and replaced at regular intervals. In addition, the application method of the fire extinguisher should be mastered to avoid helplessness and dismay in the case of any accident.

■ Disconnect the cathode wire of start battery during repair and maintenance of the vehicle.

■ Should the vehicle catch fire, calmly take effective measures to deal with the fire to minimize losses;

● Fires generally have precursors such as abnormal sound body, odor, etc. Once abnormal situation is found, power off the vehicle in time and actively conduct firefighting based on the actual condition.

● Call 119 for firefighting service in time, and contact a BYD authorized service provider.

● After a fire brigade puts out fire, request the fire brigade to issue an action certificate and a document indicating the cause of fire.

● After an accident occurs, contact your insurer to conduct afterwards treatment.

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| **WARM TIP** |
| ● It is recommended that spontaneous combustion loss insurance be maintained for your vehicle to prevent loss due to any accident of the vehicle. |

4-4 Starting and Driving

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| Starting the vehicle |

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|  | **Preparations before driving** |

■ Before getting into the vehicle, check all around the vehicle.

■ Adjust the seat position, the backrest angle, the height of head protective device, and the angle of steering wheel.

■ Adjust the interior rearview mirror and exterior rearview mirrors of the vehicle.

■ Make sure all doors are closed.

■ Fasten the seat belt.

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|  | **Safety inspections before driving** |

Before driving the vehicle for a long distance, it is preferred that safety inspection of the vehicle be carried out or have it checked by a BYD authorized service provider to guarantee your driving safety and increase driving pleasure.

**General exterior inspections of the vehicle**

■ tires: check the tire pressure using a calibrated tire pressure gauge, and carefully check whether there are any notches, damage or excessive wear to the tires.

■ Wheel nuts: make sure all nuts are present and tightly fitted.

■ Lights: confirm that all headlights, stop lights, clearance lights, and turn signal lights and other lights work normally. Check the light density of headlights.

■ Leaks: after the vehicle stops, wait for some time and then check if there are any fluid deposits underneath the vehicle, which may indicate a leak of coolant or other liquids. (It is normal for a small pool of water to form caused by the air conditioning system.)

**General interior inspections of the vehicle**

■ Seat belts: check whether all seat belts can be fastened firmly and confirm that no seat belt is worn or scratched.

■ Combination instrument: especially confirm that the maintenance prompt indicator, the instrument light and the defroster work normally.

■ Brake pedal: confirm that the brake pedal has enough movement space.

**General interior inspections of front compartment**

■ Standby fuses: confirm that all types of fuses with various rated charges in the fuse box have been provided.

■ Coolant level: confirm that the coolant level is normal.

■ Start battery and cables: check whether the connectors are corroded or loose and whether the start battery shell has any cracks.

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|  | **Vehicle starting method** |

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| **Normal starting method:**  Carry a valid intelligent key with you, depress the brake pedal (1) and press the START/STOP button (2) at the same time, and then the OK indicator on the instrument will illuminate, indicating that the vehicle is ready to be driven. |  |

**Starting method with Bluetooth key (if any):**

After the vehicle door is unlocked by a Bluetooth key, open the door, depress the brake pedal within 10 min and press the START/STOP button at the same time, and then the OK indicator on the instrument will illuminate, indicating that the vehicle is ready to be driven.

**Circumstances in which the vehicle cannot be started:**

■ The vehicle cannot be started in the following circumstances:

● When the START/STOP button is pressed, if the intelligent key system warning light turns on, the buzzer in the vehicle sounds, and the message of "Key is not detected" is displayed on the information display screen in the middle of the combination instrument, it indicates that the electronic intelligent key is not in the vehicle or cannot be detected due to interference.

● The vehicle may also fail to start even if the electronic intelligent key is in the vehicle (however, on the floor, or in the trunk or glove box).

■ When the START/STOP button is pressed and the starting function cannot work normally, it may be caused by the following reasons:

● The electronic intelligent key does not work and the electronic intelligent key warning light flashes, indicating that the key battery is about to run out. Replace the electronic intelligent key battery as soon as possible with reference to the operation procedure given in "Intelligent Key Battery Runs Out" in section "7-1 When Failure Occurs".

● If you need to start the motor repeatedly in a short time, wait for a while before starting the vehicle again.

● If after the START/STOP button is pressed, starting fails and the horn sounds once, it indicates that the steering lock function is abnormal. Except for above-mentioned causes, the PEPS system also fails to work normally under some conditions due to different service environments. Refer to "PEPS System" under "3 - Operation of Controller" for relevant details.

**Emergency starting method of the vehicle:**

■ Securely apply parking brake;

■ Turn the knob to "N" or "P" position (if any);

■ Set the vehicle power in OFF mode;

■ Confirm the electronic intelligent key is in the vehicle;

■ Press and hold the START/STOP button for more than 15s to start the vehicle.

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| **WARM TIP** |
| ● Do not touch the START/STOP button when driving the vehicle. |

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|  | **General inspections after starting the vehicle** |

■ Combination instrument: confirm that the maintenance prompt indicator and the speedometer work normally.

■ Brake: confirm in a safe place that the brake will not pull to either side when brake is applied.

■ Other abnormal phenomena: check if there is any loose part, leakage or abnormal noise.

**If the vehicle is normal in all aspects, you may enjoy the driving pleasure at ease.**

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| Remote Control Start Function |

1. Set the vehicle power in OFF mode;

2. The knob is in "N" position and the parking signal is valid or in "P" position (if any).

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|  | **Remote control start** |

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| ■ Press and hold the START/STOP button on the intelligent key for 2s to start the vehicle. After the vehicle is started successfully, the turn signals will flash 3 times.  ■ If no effective operation is performed within 10 min after remote starting is successful, the power will be in the OFF mode, and the turn signals will flash twice. |  |
| ■ After successful starting, pressing and holding the START/STOP button on the electronic intelligent key for 2s power OFF the vehicle; at the moment, the turn signals will flash twice. | |

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| Gearshift Lever (If Any) |

The gear indicator is on the knob type electronic gearshift panel.

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| ■ "P": the parking position. Parking can be achieved by pressing the shift knob; the knob indicator will illuminate at the moment. The vehicle should be set at this position during shutting down or starting of the vehicle. By depressing the brake pedal to start the vehicle, you may shift the gear from "P" to another position (if any). |  |

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| **CAUTION** |
| ● To prevent damaging the transmission, the "P" position button must be pressed after the vehicle is stopped steadily. |

■ "R": reverse position. Shift to R position only after the vehicle is parked steadily.

■ "N": neutral position. Shift to N position for stopping the vehicle for a short time. For whatever reasons, the vehicle must be set in "P" position if the driver gets off the vehicle.

■ "D": drive position. Shift to D position to normally drive the vehicle.

■ After successful shifting, release the gearshift lever, and the gearshift knob will automatically return to the central position.

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| **WARNING** |
| ● Do not let the vehicle coast; otherwise, accidents may occur due to insufficient braking force.  ● Turn the gearshift knob to "R" or "D" position, and be sure to depress the brake pedal to stop the vehicle, because the transmission can transfer power, resulting in slow moving forward of the vehicle, even if under the idle speed condition.  ● Do not turn the knob to "R" position or press the "P" button during vehicle running; otherwise, accidents may occur.  ● To prevent unintentional movement of the vehicle, after the vehicle is stopped steadily, pull up the EPB and press the "P" position button for vehicle model with EPB configuration, or depress the parking brake pedal for vehicle model with parking brake pedal. |

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| Electric Parking Brake (EPB) (If Any) |

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| Make sure that the EPB switch is pulled up when parking and leaving the vehicle. |  |

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|  | **Applying the EPB manually** |

Pull up the EPB switch. The EPB will exert proper parking force and the indicator  on the instrument will flash first before staying on. If this indicator stays on, it indicates that the EPB has been applied, and the message of "EPB activated" will be displayed.

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| **CAUTION** |
| ● Flashing of the indicator indicates that the EPB is in service. If the vehicle is on a hill, do not release the brake pedal, to prevent causing the risk of vehicle sliding. Release the brake pedal after the indicator  stays on. |

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|  | **Applying the EPB automatically** |

**Applying the EPB automatically upon power-off**

■ When the power is switched from OK to OFF mode, the EPB will be applied automatically and the indicator  on the instrument will illuminate.

**Applying the EPB automatically when gearshift lever is in P position**

■ After stopping the vehicle by depressing the brake pedal, shift to P position (if any); the EPB will be pulled up automatically. Release the brake pedal when the indicator on the instrument stays on after flashing and the message "EPB activated" is displayed.

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| **CAUTION** |
| ● If the EPB switch is pressed and the vehicle is powered off at the same time, the EPB will not be applied automatically. This function may be used for towing or pushing the vehicle after the vehicle breaks down.  ● Do not release the brake pedal early in the process, especially when the vehicle is to be parked on a slope; otherwise, there will be risk of vehicle sliding to slight extent.  ● This function is designed to improve the vehicle safety. Excessive reliance on or frequent use of the function is not recommended. To ensure safety, make sure that the shift knob is in P position or the EPB is pulled up before getting off the vehicle. |

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|  | **Releasing the EPB manually** |

When the vehicle is started and the vehicle is in a gear position other than P (parking) position, depress and keep holding the brake pedal and press the EPB switch until the indicator on the instrument is off, which indicates that the EPB has been released, and then the instrument will display the message of "EPB deactivated".

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| **CAUTION** |
| ● P position refers to the parking position. When the vehicle is in P position, it is in a stable parking state. EPB is a main parking device of the vehicle. To ensure the vehicle's parking safety, releasing the EPB with the EPB switch can only be achieved when the vehicle is in a gear position other than P (parking) position. |

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|  | **Releasing the EPB automatically when the vehicle is starting to move** |

■ With the vehicle parked, start the vehicle, depress and hold the brake pedal, and shift to drive mode from P position or N position, and then the EPB will be released automatically, the indicator will go out, and the instrument will display the message of "EPB deactivated".

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| **CAUTION** |
| ● Please follow the correct shift instructions and keep depressing the brake pedal throughout the shifting process. Do not release the brake pedal until the gear position shown on the instrument is the target one.  ● Within several seconds after the vehicle is started, the EPB system will conduct self-check upon power-up. In this process, the EPB will not respond to any function. |

■ When the vehicle has been started and the gearshift lever is in D or R position, manually pull up the EPB and slowly depress the accelerator pedal to a certain depth, and then the EPB will be released automatically, the indicator  will go out, and the instrument will display the message of "EPB deactivated".

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|  | **Failure release function** |

When the EPB switch fails, press and hold the EPB switch for more than 10~12s. If the EPB can be released, drive to the nearest service provider as soon as possible to check the switching signal of brake pedal and the relevant parts and lines. If the EPB cannot be released after doing so, immediately contact a BYD authorized service provider.

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|  | **Emergency braking function when the brake pedal fails** |

CDP (controlled deceleration parking) function may also be activated in case of brake blocking or failure when the ESP system works normally in the vehicle traveling process. The braking deceleration will be 0.4g if only the EPB is pulled up and will be 0.8g if the EPB is pulled up and the brake pedal is depressed at the same time. Avoid forcible braking by using the EPB. The emergency brake function can be activated only in emergency cases, such as failure of service brake and blocking of brake pedal.

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|  | **EPB system indicator** |

■ If the EPB is in pull-up state when the vehicle is powered on, the indicator  on the instrument will stay on.

■ If the EPB is in pull-up state when the vehicle is powered OFF, the indicator  on the instrument will illuminate and then go out several seconds later.

■ If the EPB system performs self-inspection when the vehicle is powered up, the indicator  on the instrument will illuminate and then go out several seconds later. If the indicator does not go out, it indicates that there may be a failure in the EPB system.In this case, immediately contact a BYD authorized service provider.

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|  | **Working sound of EPB** |

■ When pulling up or releasing the EPB, you will hear a motor running sound from the EPB system.

■ If any burning smell is smelt or any abnormal noise is heard after using the emergency brake function, it is recommended to immediately contact a BYD authorized service provider.

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| **WARNING** |
| ● To prevent hill slipping, do not park the vehicle with the gear shift mechanism instead of EPB before leaving the vehicle, but use the EPB to park the vehicle and keep the gearshift lever in P position.  ● To prevent causing a serious accident, no passenger in the vehicle is allowed to operate the EPB switch when the vehicle is running.  ● When pulling up or releasing the EPB, depress the brake pedal as far as possible to prevent vehicle sliding and the blocking of gearshift lever position arising from sliding because the EPB cannot provide enough parking force.  ● Avoid forcible braking by applying the EPB. The emergency brake function can be activated only in emergency cases, such as failure of service brake and blocking of brake pedal.  ● As the EPB cannot go beyond the physical limit of road adhesion, the activation of emergency brake function may result in drift, sideslip or deflection of the vehicle when the vehicle passes through bends, dangerous and heavy-traffic road sections or when the vehicle is driven under severe weather conditions. Be careful and do not cause any accident. |

Parking Brake Pedal (If Any)

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| ■ Applying the parking brake: After the vehicle stops, depress the brake pedal with your right foot to ensure that the vehicle is stationary, set the vehicle gear to N position, depress the parking brake pedal to the floor with your left foot, ensure that the vehicle is parked stably, and then release the brake pedal depressed by the right foot. At this moment, the parking signal indicator  will illuminate. |  |
| ■ Releasing the parking brake: Depress the brake pedal with your right foot to prevent the vehicle from rolling, depress the parking brake pedal hard with your left foot and then release it to allow the parking brake pedal to return to its initial position. At this moment, the parking signal indicator on the combination instrument will go out. The parking brake is released. | |

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| **CAUTION** |
| ● Be sure to wait until the parking brake pedal returns to its original position before applying or releasing the parking brake each time.  ● Never depress the parking brake pedal when the vehicle is running normally.  ● When parking the vehicle on a hill, follow the above-mentioned parking brake operation steps and never park the vehicle with the gear shifted to D position. |

Automatic Vehicle Hold (AVH) (If Any)

AVH is short for automatic vehicle hold which is designed to hold the vehicle in place for a long time in conditions where the vehicle needs to keep stationary in such cases as traveling on a slope with congestion or stopping in front of traffic lights. When the vehicle meets the AVH ready condition, depress the brake pedal until the vehicle becomes stationary (vehicle speed becomes zero), and the AVH function enables the vehicle to operate in the automatic hold state.

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| By pressing the AVH switch, the AVH function will be activated. |  |

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| **CAUTION** |
| ● Depressing the accelerator pedal, shifting to the P position or pulling up the EPB will exit the AVH state and return to the AVH ready state.  ● If the AVH ready state condition is not satisfied, the vehicle will exit the AVH state to the AVH ready state. |

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| **AVH ready conditions (all the following conditions must be met)** |

With the AVH function activated:

■ The driver has fastened the seat belt;

■ The driver's door has been closed;

■ Starting the vehicle;

■ The ESP and EPB systems are normal without faults.

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| **CAUTION** |
| ● When the vehicle is powered up, the AVH switch is off by default. After manually turning on the switch, it will be ready and the white indicator  on the combination instrument will illuminate. |

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| **AVH operation conditions** |

■ The AVH function is in standby state;

■ The brake pedal is depressed to bring the vehicle to a stop;

■ After hard depressing of the brake pedal, the AVH function is activated and the AVH indicator turns to green;

■ The vehicle automatically requests for pull-up of EPB 10 min after activation of the AVH function. After pull-up of EPB, the AVH function returns to the standby state.

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| **CAUTION** |
| ● AVH function can be activated only when all these operating conditions are met;  ● When the gear is shifted from D position to R position, the system will enter the vehicle moving mode. At the moment, the AVH function is not activated. When the AVH button is pressed or the vehicle speed exceeds 10 km/h, the system will exit the vehicle moving mode. |

Main Points of Driving

■ Drive slowly when driving against the wind, because it is easy to control the vehicle by doing so.

■ Drive the vehicle slowly and maintain a correct angle as much as possible when driving over curbstones. Avoid driving the vehicle over objects with high and sharp edges or over other obstacles on the road. Otherwise, serious damages will be caused to the tires.

■ Slow down when driving on a bumpy road. Otherwise, wheels will be seriously damaged by impact.

■ Avoid driving the vehicle through the waterlogged road surface when the vehicle has to be driven on a wet road.

■ The brake may be get wet when you drive through deep water. In this case, carefully drive and depress the brake pedal gently to dry the brake.

■ The battery is located on the bottom of the vehicle. Take care to prevent impacting it when driving the vehicle.

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| **WARM TIP** |
| ● Before driving the vehicle, confirm that the EPB or parking brake pedal is fully released and the EPB indicator is off.  ● The driver shall ensure the riding safety of all passengers in the vehicle, guide them how to correctly use the vehicle functions and prevent children and other passengers operating control switches such as window switches in a wrong way.  ● Do not leave the vehicle when the drive motor is running.  ● Carry the key with you when you leave your vehicle.  ● Slow down the vehicle when driving down a long-distance and steep hill. Remember that frequently depressing the brake pedal will cause overheat of the brake disc, so that the brake disc cannot work normally.  ● Be careful when accelerating, gear shifting, or braking the vehicle on a smooth road. Quick acceleration or braking will result in slipping or deflection of the vehicle.  ● Do not extend head or hands outside the window when the vehicle is running, so as to avoid the occurrence of traffic accidents that may threaten the safety of lives. Be always on alert, especially when there is any child inside the vehicle.  ● Plenty of water entering the front compartment will cause damage to the power system and electrical components. |

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| **Precautions for driving the vehicle through waterlogging road sections:**  ■ Do ascertain the water depth before driving the vehicle through waterlogged road sections. The water surface should not be higher than the lower edge of vehicle body. |  |
| ■ If wading through water is unavoidable, first turn off the air conditioner before the vehicle starts to move, then slow down and drive slowly, and finally gently depress and keep holding the accelerator pedal to drive the vehicle through waterlogging road sections at a steady and slow speed.  ■ The brake may be get wet when you drive through deep water. In this case, be sure to drive carefully. After driving through water smoothly, depress the brake pedal gently and continuously for several times to evaporate water on brake disc, so that normal brake performance can be restored as soon as possible. | |

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| **WARNING** |
| ● Any water or slurry on the surface of brake disc may cause lag in response of the brake, which will extend the braking distance. Be careful and do not cause any accident.  ● Carefully apply the wet brake and remove ice or water on the brake.  ● Avoid emergency braking as far as possible after driving the vehicle through waterlogged road sections.  ● When driving the vehicle on low-lying and waterlogged road surfaces, prevent water from entering the motor. Otherwise, the motor will be damaged seriously. Quality warranty will not be provided for any vehicle with fault and damage caused by not observing the instructions.  ● After the vehicle is driven through waterlogged road sections, vehicle components, such as drive system, driving system and automotive electric system, may also be damaged seriously. Quality warranty will also not be provided for any vehicle with fault and damage caused by not observing the instructions. |

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| **Main points of driving in winter** |

■ Confirm that the antifreeze has the correct anti-freezing and protective effect.

● Use the antifreeze with the same model as that of the original one for the vehicle. Select the antifreeze with the correct model as per the ambient temperature and fill the antifreeze into the cooling system.

● Use of improper coolant can damage the cooling system.

■ Check the conditions of battery and cables.

● Cold weather will decrease the capacity of start battery, so the start battery should maintain enough power to start the vehicle in winter.

■ Prevent door locks from being frozen by ice or snow.

● Spray some deicing agent or glycerin in door lock holes to prevent freezing.

■ Use the washing fluid containing anti-freeze agent.

● This product is supplied by any BYD authorized service provider and in all automotive parts stores.

● The mixing ratio of water and anti-freeze agent should comply with the manufacturer's instructions.

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| **CAUTION** |
| ● Do not use the antifreeze or other substitutes as washing fluid, which may damage the painted vehicle surface. |

■ Prevent ice or snow from accumulating on the lower parts of fenders.

■ Any ice or snow accumulated on the lower parts of fenders may cause difficulty in steering. When driving in cold winter, frequently stop the vehicle to check whether there is any ice or snow accumulated on the lower parts of fenders.

■ It is recommended to carry necessary emergency tools or articles on the vehicle according to different driving and road conditions.

● It is best to place the antiskid tire chain, window scraper, a bag of sand or salt, signal flasher, scoop and connecting cable inside the vehicle.

4-5 Driving Auxiliary Functions

Cruise Control System (If Any)

Cruise control function allows you to drive at a preset speed higher than 40 km/h without depressing the accelerator pedal. This function may be activated for driving on a straight and unblocked expressway.

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| **Turning on/off cruise control system**  ■ Start the vehicle and press the cruise control switch ; at the moment, the indicator on the combination instrument  will illuminate.  ■ Press the cruise control switch  again or power off the vehicle to turn off the cruise control system. |  |
| **SET**  When the vehicle speed exceeds 40 km/h, press the SET button  to set the vehicle speed to the target cruise speed. At this moment, the "SET" indicator on the combination instrument illuminates. The setting is successful. | |

**Speed adjustment**

■ Roll the scroll wheel  upward; press it to increase the set speed by 2 km/h; press and hold it to increase the set speed continuously.

■ Roll the scroll wheel  downward; press it to decrease the set speed by 2 km/h; press and hold it to decrease the set speed continuously.

**RESET**

Press the RESET button  to allow the vehicle to run at the speed stored when cruise control system was turned off last time.

**Deactivating cruise control:**

Press the button  or depress the brake pedal or shift the gear out of D position to deactivate cruise control.

**Overtaking acceleration**

In the cruise control mode, if you depress the accelerator pedal to accelerate and no other operation is performed after acceleration, the vehicle will slow down to the speed set before the acceleration; if you depress the accelerator pedal and meanwhile press the button , the current speed can be set as the target cruise speed and the vehicle will cruise at this speed.

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| **WARNING** |
| ● Incorrect use of cruise control system may cause car accident.  ● Cruise control system is only for smooth traffic (like expressway) in good weather. |

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| **WARM TIP** |
| ● The preset cruise speed may not be accurately kept when vehicle is going uphill or downhill.  ● When the vehicle is idling in place after being started, you may enter the cruise control speed setting interface but cannot set the speed.  ● When the vehicle runs at a speed lower than 40 km/h with the gearshift lever is in D position after the vehicle is started, you may enter the cruise control speed setting interface after the system is activated but cannot set the speed. |

Acoustic vehicle alerting system

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| **System functions** |

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| The acoustic vehicle alerting system (AVAS) is also called "engine simulator system", which provides alerting sound to signal the vehicle's presence to nearby vehicles and pedestrians when the vehicle is running at a low speed. |  |

■ When the vehicle runs at a low speed, it will produce proper alerting sound to alert the pedestrians.

■ When the vehicle moves forward:

● If the vehicle speed (V) is in the range of 0 km/h < V ≤ 20 km/h, the alerting sound will become louder with the increase of vehicle speed;

● If the vehicle speed (V) is in the range of 20 km/h < V ≤ 30km/h, the alerting sound will become softer with the increase of vehicle speed;

● If the vehicle speed (V) is V > 30 km/h, the alerting sound will stop automatically.

■ When the vehicle reverses, it will produce continuous and uniform alerting sound.

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| **System pause / on control** |

**Acoustic vehicle alerting system ON/OFF (without PAD configuration)**

Press the [Menu] button "" to pop up the menu interface on the instrument, press the left/right adjustment button "" or "" on the steering wheel to select vehicle settings "", slide the adjustment scroll wheel  and select engine sound "", press (short press) the adjustment scroll wheel to pop up a three-level menu interface with options "Engine sound simulator" and "Sound source of engine sound simulator", slide the adjustment scroll wheel and select the option "Engine sound simulator", and press (short press) the adjustment scroll wheel to turn on or off the engine sound simulator system.

**Acoustic vehicle alerting system ON/OFF (with PAD configuration)**

Turning on or off engine sound simulator function: On the PAD main interface, tap "" or "", and then tap "Engine sound simulator ON/OFF" to turn on or off the engine sound simulator.

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| **System sound source selection** |

**Acoustic vehicle alerting system sound source selection (without PAD configuration)**

Press the [Menu] button "" to pop up the menu interface on the instrument, press the left/right adjustment button "" or "" on the steering wheel to select vehicle settings "", slide the adjustment scroll wheel  and select engine sound "", press (short press) the adjustment scroll wheel to pop up a three-level menu interface with options "Engine sound simulator" and "Sound source of engine sound simulator", slide the adjustment scroll wheel and select the option "Sound source of engine sound simulator", and press (short press) the adjustment scroll wheel to select a different sound source of engine sound simulator.

**Acoustic vehicle alerting system ON/OFF and sound source setting (with PAD configuration)**

On the PAD main interface, tap "Vehicle Settings" - "Driving" - "Driving Assist" - "Sound source of engine sound simulator" in turn, and then tap relevant sound source option to select a different sound source of engine sound simulator.

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| **WARNING** |
| ● The pause button for AVAS can be used only when there are no other road users in a short distance and the alerting sound is obviously not required for the surroundings (e.g. on a road with traffic jam or on an expressway). The AVAS should be turned on as long as pedestrians are likely to appear around the vehicle.  ● If the vehicle runs at a low speed with the AVAS turned off, it is unable to alert pedestrians to the vehicle's approaching, which may cause an accident or even personal casualty in serious conditions.  ● If the alerting sound of the AVAS cannot be heard during driving at a low speed, stop the vehicle at a relatively safe and silent place, open the windows, and then place the gearshift lever in "D" position and drive at a constant speed of 20 km/h (the sound volume will be the maximum when the vehicle is driven at this speed) to verify the sound effect. If no alerting sound is heard after doing so, contact a BYD authorized service provider for treatment. |

Parking Assist System (If Any)

For reverse parking, sensors can measure the distance between vehicle and obstacle and transmit the measured distance to the multimedia display screen and the speaker. Be sure to watch the surrounding space of the vehicle when using this system.

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| **Positions of reversing sensors**  1 Rear right corner sensor  2 Rear left corner sensor |  |
| **Reversing image**  ■ The three lines shown in the figure are safety lines for reversing.  ● Red: within about 0 ~ 0.5 m  ● Yellow: within about 0.5 ~ 1m  ● Green: within about 1 ~ 3m |  |

■ The zone displayed will vary with different vehicle directions and road conditions.

■ This system only helps for parking and excessive dependence on it should be avoided. Ensure that the space is enough, and then make reversing operations.

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| **WARM TIP** |
| ● The safety lines for reversing are only for distance reference in no-load condition of the vehicle. |

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| **CAUTION** |
| ● Sensors may fail to detect very close obstacles.  ● The detection zone of any sensor may vary along with the shape of obstacle. |

**Sensor detection information**

■ A sensor's performance in correct detection of obstacles may be affected by some vehicle conditions and the surroundings of the vehicle. The following are some specific conditions that may bring impact:

● There is dirt, ponding or mist on the sensor;

● The sensor is frozen;

● The sensor is covered;

● The vehicle inclines obviously;

● The vehicle is on a bumpy road, slope, macadam pavement or grass land;

● The surroundings of the vehicle are very noisy because there is vehicle trumpet, sound of motorcycle engines, air brake sound of large vehicles and other supersonic noises;

● There is another vehicle equipped with parking assist system nearby;

● The sensor is covered by mist or accumulated rainwater;

● The vehicle is equipped with fender antenna or wireless antenna;

● The vehicle is installed with towing rings;

● The bumper or the sensor has been impacted strongly;

● The vehicle is approaching a high or zigzag curb;

● The vehicle is operated under sun exposure or in severely cold weather;

● A suspension (low suspension, etc.) not matching the manufacturer's specifications is installed.

■ In addition to the above-mentioned circumstances, it may be impossible for the sensor to correctly judge the actual distance between vehicle and obstacle due to shape of the obstacle.

■ The shape of an obstacle may obstruct the detection on it by the sensor. Pay special attention to the following obstacles:

● Electric wires, fences, ropes, etc.;

● Cotton, accumulated snow and other materials that can absorb radio wave;

● Objects with sharp edges and corners;

● Low obstacles;

● High obstacles, the upper part of which extends toward your vehicle.

Indirect Tire Pressure Monitoring System

The tire pressure monitoring system can detect tire with insufficient tire pressure only when the vehicle is running. When the tire pressure of one or more tires is abnormal, the indicator  will illuminate on the combination instrument, with vehicle body and tire state diagram (if equipped with ESP) or textual alarm (if equipped with ABS) displayed.

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| **WARM TIP** |
| ● As the tire pressure monitoring system is developed for BYD original tires, it is recommended to use BYD original tires; otherwise, there is a risk of system fault alarm or abnormal performance.  ● When the vehicle is powered OK, the system will perform function test, and the warning lights and indicators will illuminate briefly at this moment. |

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| **Insufficient tire pressure** |

When the tire pressure of one or more tires is changed, the tire pressure monitoring system will give insufficient tire pressure alarm, and the indicator will illuminate on the combination instrument, with vehicle body and tire state diagram (the tire with insufficient tire pressure will turn yellow) (if equipped with ESP) or textual alarm "tire pressure low; please check tire pressure" (if equipped with ABS) displayed, and the buzzer will sound once. In this case, the driver should immediately pull over the vehicle in a safe place and check all the tires and tire inflation pressure of the vehicle. Please pay attention to safety during pull-over and avoid violent steering/braking operations. After dealing with the cause of insufficient tire pressure alarm, reset the tire pressure monitoring system.

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| **WARNING** |
| Different tire pressures or low tire pressures can cause tire failure, loss of control of the vehicle, and even serious casualty.  ● Different tire pressures or low tire pressures can aggravate tire wear, reduce driving stability and extend braking distance.  ● Different tire pressures or low tire pressures can cause sudden tire failure, tire burst, and loss of control of the vehicle.  ● Driving with low tire pressures will increase the tire deflection with sharp temperature rise of tires, which may cause the detachment of tire casing or tire burst.  ● Under certain conditions (e.g. sporty driving style, winter or soft road), the display of tire inflation pressure control may be delayed.  ● Use of tires with improper tire pressure may cause accident and tire damage. It is the driver's responsibility to ensure that all tires are properly inflated. Therefore, be sure to inflate all tires to proper tire pressure before driving. The tire pressure label lists the required tire pressure. Only when the tire pressure of all cold tires is correct, the tire pressure monitoring system can work properly.  ● When the indicator  illuminates on the screen, pull over the vehicle in a safe place immediately and check the tires and tire inflation pressure of the vehicle. Please pay attention to safety during pull-over and avoid violent steering/braking operations. |

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| **WARM TIP** |
| ● The tire pressure monitoring system can identify tires with low tire pressure. When the vehicle give off alarm indicating insufficient tire pressure of one or more tires, the driver should check the tire or tires with alarm and tire inflation pressure and also check those without alarm. |

The tire pressure monitoring system may give alarm in any of the following conditions

● The tire pressure is manually changed;

● The inflation pressure of one or more tires is too low;

● Any tire has structure damage;

● One wheel on each of the front and rear axles is replaced;

● The tire pressure monitoring system has not been reset after any tire was replaced or the tire pressure was changed;

● The load on one side of the vehicle is heavy;

● When the wheel load on an axle is heavy (e.g. full load);

● Antiskid chains are installed;

● A spare wheel is installed.

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| **WARM TIP** |
| ● Driving the vehicle on dirt road, gravel road, winding mountain road, icy or snowy road or in SPORT mode may cause instructions from the tire pressure monitoring system to be partially or completely closed for a short time. Driving the vehicle in these conditions for a long time will cause alarm time of the tire pressure monitoring system to be prolonged. |

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| **System failure** |

When the signal used for the tire pressure monitoring system is not received or invalid, the indicator  on the instrument will flash for 60s and then stay on, with the message "Check the tire pressure monitoring system" displayed and the buzzer sounding once.This indicates that the vehicle loses the tire pressure monitoring function. In this case, the driver should immediately drive to a BYD authorized service provider for troubleshooting.

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| **WARM TIP** |
| ● When the ESP becomes faulty, the tire pressure monitoring system display may also lose its function.  ● System malfunction may occur after antiskid chains are installed. |

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| **System resetting** |

To reset the tire pressure monitoring system, the driver should operate according to the procedure below:

■ System resetting method I: (applicable to vehicle with reset button designed on multimedia system)

● On the multimedia system, select "Vehicle Information" and then select "Reset" under "Tire pressure". If you are sure to reset, select "OK"; otherwise, select "Cancel" (if any).

● On the multimedia system, select "Settings" - "Vehicle" - "Maintenance" - "Tire Pressure Monitoring System" in turn. If you are sure to reset, select "OK"; otherwise, select "Cancel" (if any).

■ System resetting method II: (applicable to vehicle with reset button designed on instrument)

● Press the "" button on the steering wheel, press the  and  buttons on  to select "Vehicle Settings" , press the middle scroll wheel, select the option "Reset tire pressure", press the middle scroll wheel, and select "OK" to reset the tire pressure; otherwise, select "Cancel".

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| **WARM TIP** |
| ● When the vehicle has insufficient tire pressure alarm, if the user resets the tire pressure monitoring system without ensuring that the tire pressure is normal, the tire pressure monitoring system will be manually cleared; this will cause the tire pressure monitoring system to fail or cause the actual tire pressure to be too low when the next alarm is given. Therefore, make sure that the tires and tire pressure are normal before resetting.  ● In case of insufficient tire pressure alarm, perform the reset operation 1 min after pulling over the vehicle or in the next ignition cycle. |

Reset the tire pressure monitoring system after any of the following operations is performed on the vehicle:

● tire inflation pressure of one or more tires is adjusted;

● Any tire/wheel is replaced (rotated);

● Conduct the dynamic balance adjustment for wheels;

● The chassis is technically modified;

● The ambient temperature has changed by more than 40°C since the last resetting;

● One year has elapsed or the vehicle has traveled for 1000 km.

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| **Precautions** |

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| **WARNING** |
| ● This system will not prevent the vehicle from running even if the tire pressure is abnormal. Therefore, it is required to start up the system in static state to check if the tire pressure complies with the value specified by the manufacturer each time before driving the vehicle. Do not drive a vehicle with abnormal tire pressure. Otherwise, the vehicle will be damaged or the driver or other persons may suffer personal injury.  ● Check the tire pressure at once if you find that the tire pressure is abnormal. If the low pressure warning indicator illuminates during driving, avoid turning suddenly or applying emergency brake, but decelerate the vehicle, drive it to roadside and stop it as soon as possible. Driving the vehicle under low tire pressure may damage tires permanently and increase the possibility of tire scrapping. Serious damage to tires may lead to a traffic accident or result in serious personal casualty. |

Driving Safety Systems

To improve running safety of the vehicle, the following driving safety systems will work automatically according to various running conditions. However, be sure to keep in mind that these systems only provide assistance, so over-dependence on them should be avoided when driving the vehicle.

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| **ESP (electronic stability program)** |

ESP integrates three functional modules, i.e. ABS, VDC and TCS, as well as other value-added sub-functions such as HHC, HBA, CDP and HDC.

**VDC (vehicle dynamic control)**

When the running vehicle takes a sudden turn, the VDC system will ascertain the intent of the driver according to the steering wheel angle and the vehicle speed and will continuously compare the intent with the actual vehicle condition. If the vehicle deflects from the normal running route, VDC will make corrections by applying braking force to corresponding wheels, so as to help the driver to control sideslip and maintain the directional stability of the vehicle.

**TCS (traction control system)**

TCS can prevent driving wheels from slipping during accelerated running by reducing the power of drive motor. If necessary, TCS will apply braking force for the purpose of control, so as to prevent slipping of driving wheels. Under unfavorable running conditions, TCS makes the vehicle easy to start, accelerate and climb the hill.

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| **WARNING** |
| ■ TCS may not work effectively in the following circumstances:  ● When the vehicle is running on a wet and slippery road, TCS system may be unable to control the direction and meet the power requirement even if it works normally;  ● Do not drive the vehicle with the possibility of losing stability and power of the vehicle. |

**HHC (hill hold control)**

After the brake pedal is released, HHC can hold the braking force applied by the driver for 1s to prevent backward slipping of the vehicle.

**HBA (hydraulic brake assist)**

When the driver quickly depresses the brake pedal, HBA can identify that the vehicle is in an emergency state and then quickly increase the braking pressure to the maximum value. Thus, the ABS will be activated more rapidly to shorten the braking distance in an effective way.

**CDP (controller deceleration parking) (if any)**

When the EPB is pulled up, CDP will start to work and the vehicle will be braked at a constant deceleration (the deceleration will be 0.4g if only the EPB is pulled up and will be 0.8g if the EPB is pulled up and the brake pedal is depressed at the same time) until the vehicle is stopped. If the driver releases the EPB, CDP will stop working.**HDC (hill descent control) (if any)**

■ Working principles: HDC is a value-added function of ESP system to improve the riding comfort of the vehicle. HDC function may be activated and deactivated by pressing the HDC button. The main effect of HDC is to help the driver to drive downhill at a low speed by active braking. During HDC operation, ABS will be activated when the wheel slip ratio goes beyond the ABS triggering threshold. This function enables the driver to drive downhill or even reverse in a safe and stable manner.

■ Activating HDC function:

● When the vehicle speed is lower than 38 km/h, the HDC function may be activated by pressing the HDC button. After this function is activated, the HDC function status indicator on the instrument will stay on.

■ HDC speed control:

● HDC function serves when the vehicle speed is in the range of 11~38km/h. In this case, you can depress/release the accelerator pedal or the brake pedal to adjust the vehicle speed. Finally, the speed will be the value recorded when the accelerator pedal or the brake pedal is released. When HDC works, the flashing HDC function status indicator on the instrument represents that HDC function is activated.

■ Deactivating HDC function:

● When it is unnecessary to activate HDC function, by pressing the HDC button again, the HDC function indicator on the instrument will be off immediately.

● When the vehicle speed is over 65 km/h, HDC function will also be deactivated automatically.

■ Failure of HDC function:

● In some special cases, such as driving down from a long-distance hill, HDC function may be temporarily unavailable due to over temperature of the brake.

● The instrument will display the prompt message of "Check HDC system" in such a case, and you should pay attention to driving safety. Recovery of HDC function cannot be achieved until the brake cools down.

**Operating instructions for ESP system**

■ Working of ESP system

● If the vehicle faces the risk of sliding or reversing or any one of the driving wheels slips when the vehicle is started on a hill, the ESP indicator will flash, indicating that the ESP system is working.

■ Disabling ESP system

● If the vehicle gets trapped in snow or mud, the ESP system may reduce the power output from the drive motor to the wheels. In such a case, you need to disable the system to go out of the trap.

■ Turning off ESP system

|  |  |
| --- | --- |
| ● To turn off the ESP system, press and release the ESP OFF button or turn it off in the multimedia system. In addition, ESP will check its working status in real time. If the ESP system is working, press the ESP OFF button to turn off the ESP system. However, the ESP |  |
| system will not execute the "OFF" order at once, but will finish the current active intervention control before executing the order. | |

● After the ESP system is turned off, part of the ESP system functions will be reactivated if the ESP OFF button is pressed again or the vehicle speed is greater than the threshold value (80 km/h). To prevent sudden activation of ESP system functions, such functions can only be reactivated when the ESP system is not in the status with reservation of vehicle dynamic intervention.

■ Mis-operation of ESP OFF button

● If the continuous pressing time of ESP OFF button exceeds 10s, the ESP system will regard this as mis-operation. All built-in functions of the ESP system will remain normal.

■ Restarting ESP system after the vehicle is powered off

● After the ESP system is turned off, restarting the vehicle will also restart the ESP system automatically.

● Starting of ESP system linked with vehicle speed

● If the ESP system has been turned off, the vehicle will be extremely unstable when the vehicle speed is increased to be greater than the threshold value (80 km/h). In this case, the ESP system will start automatically.

■ When the ESP system is activated

● If the ESP failure indicator  flashes, be sure to drive carefully, because careless driving may cause an accident.Be more careful than usual when the indicator flashes.

■ When the ESP system is turned off

● Drive with special care and at a speed suitable to road conditions. If unnecessary, do not turn off the ESP system because it can ensure stability and driving force of the vehicle.

■ Replacement of tires

● Make sure that all tires have the same size, brand, tread pattern and total load bearing capacity. In addition, make sure that all tires are inflated to the recommended tire pressure.

● If different tires are installed on the vehicle, ABS and ESP systems cannot work normally.

● Contact a BYD authorized service provider to get the details about replacement of tires or wheels.

■ Treatment of tires and suspensions

● The use of any defective tires or refitting of suspensions will affect the driving safety systems and may result in failures of these systems.

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| **ABS (anti-lock brake system)** |

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| ■ The hydraulic system of the ABS driving brake consists of two independent circuits. Each circuit realizes braking through the vehicle along the diagonal direction (through the connection of front left wheel brake and rear right wheel brake). If one circuit fails, there are still two wheels that can be braked. |  |
| ■ ABS is helpful to preventing wheel locking or sliding in the case of suddenly applying braking force or applying braking force on the vehicle running on a wet and slippery road, so that you can maintain steering control.  ■ When front wheel tires slip, you cannot exercise steering control. That is to say, although you are turning the steering wheel, the vehicle keeps running forward. ABS is conducive to preventing locking. In addition, as impulse braking is much faster than human response, so ABS is helpful to maintaining steering control.  ■ Do not depress the brake pedal in a pulsing way. Otherwise, ABS will fail. Keep applying a powerful and stable force on the brake pedal when turning the steering wheel to avoid danger, so that ABS can play its role.  ■ When ABS is working, you will feel the vibration of brake pedal and may hear some noise. This is a normal phenomenon, because ABS is performing fast impulse braking. | |

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| **WARNING** |
| ■ ABS cannot work effectively in the following circumstances:  ● tires with insufficient road holding capacity have been used (e.g. over-worn tires are used on the road covered by snow);  ● The vehicle slips when it is running on a wet and slippery road at a high speed.  ■ ABS is not designed for shortening the braking distance of the vehicle. Be sure to keep a safe distance away from the running vehicle ahead in the following circumstances:  ● When driving on a muddy road or a road covered by gravels or snow;  ● When driving on a pitted or uneven road;  ● When driving on a bumpy road. |

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| **CAUTION** |
| ● If the ABS fault warning light remains on when the brake system warning light illuminates, park the vehicle where it is safe to do so immediately and contact a BYD authorized service provider.  ● Braking the vehicle in such a situation can cause the ABS to malfunction, and the vehicle would become extremely unstable.  ● ABS (anti-lock brake system) cannot shorten the time and distance needed for braking the vehicle. This system only helps you to control steering during braking. You should always keep a safe distance away from other vehicles.  ● ABS cannot prevent slipping caused by sudden change of direction, e.g. trying to turn the vehicle quickly or changing to drive on another lane suddenly. Drive the vehicle carefully at a safe speed all the time, no matter what the road and weather conditions are.  ● ABS cannot prevent the reduction in stability. Perform steering properly during emergency brake. Big or sudden turning during driving may result in the vehicle's collision with oncoming vehicles or rushing out of the road.  ● When running on a loose and soft or uneven road (e.g. the road covered by gravels or snow), the vehicle with ABS may need a longer braking distance than that without ABS. In this case, slow down the vehicle and keep a longer distance away from other vehicles. |

4-6 Specifications of Other Main Functions

Interior Rearview Mirror

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| **Manual anti-glare interior rearview mirror (if any)** |

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| The manual anti-glare interior rearview mirror can operate in two modes:  ■ Ordinary mode — place the control lever to position 1. In this mode, the image on the interior rearview mirror is the clearest. |  |
| ■ Anti-glare mode — place the control lever to position 2. In this mode, disturbance by headlight beam from vehicles behind can be effectively weakened at night. Note: Despite the anti-glare function, the clarity of the rear view may be weakened. | |

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| **Manual adjustment of interior rearview mirror** |

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| Rotate an interior rearview mirror upward, downward, leftward or rightward to adjust it to a desired position. |  |

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| **WARNING** |
| ● Do not hang heavy objects on the interior rearview mirror or shake and drag hard the interior rearview mirror.  ● When manually adjusting the interior rearview mirror, if it becomes stuck, do not adjust it violently to prevent it from falling off.  ● Do not adjust the rearview mirror while driving the vehicle. Otherwise, accidents may happen as driver may lose control of the vehicle, resulting in personal injury or even death. |

Electric Exterior Rearview Mirrors

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| **Exterior rearview mirror adjustment** |

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| **Electric adjustment of exterior rearview mirrors**  The driver can adjust electric exterior rearview mirrors to the extent that vehicle sides can be seen in these mirrors by operating the switch of exterior rearview mirrors. |  |
| ■ Selector switch — for selecting the exterior rearview mirror to be adjusted.  ● : left exterior rearview mirror  ● : right exterior rearview mirror  ■ Control switch  — for adjusting the exterior rearview mirrors.Press the button according to the direction needed. | |

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| **Manual adjustment of exterior rearview mirrors**  Press the mirror edge by hand, and then make the mirror rotate around the center until it gets to a proper position. |  |

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| **Folding of exterior rearview mirrors** |

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| **Manual folding of exterior rearview mirrors**  Push against the outer edge of the exterior rearview mirror body to make it rotate around the folding shaft until it gets to the lock-up position. |  |

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| **WARM TIP** |
| ● Do not adjust exterior rearview mirrors when the vehicle is running. Otherwise, mis-operation of the vehicle may be caused, resulting in an accident.  ● Use of the electric heater defrosting function of the rearview mirror for a long time may cause the mirror to age prematurely; therefore, please turn off the defrosting button in time when defrosting is no longer needed. |

Wiper

Check the wiper at least once every six months or 10,000 km to see if there is any cracking or local hardening of the rubber. If any, replace the corresponding wiper blades. Otherwise, the use of defective wiper blades will leave strip patterns or stains on the windshield.

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| **CAUTION** |
| ● Do not open the front compartment hatch when wiper arms are pulled up. Otherwise, both the front compartment hatch and wiper arms will be damaged. |

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| **Replacement of wiper blade** |

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| 1. Rotate the wiper blade by 45° until the wiper blade and the wiper hook are not in the same line. Make sure that the wiper blade can be detached from the hook.  2. Press the release tab shown in the figure, and push the wiper blade outward at the same time. |  |

Antiskid Chain

■ Snow antiskid chains are for use only in emergency cases or when the vehicle is driven through specific regions explicitly provided in law.

■ Snow antiskid chains should be installed on front wheels. Be more careful when driving the vehicle equipped with snow antiskid chains on a road covered by ice or snow. Some snow antiskid chains may damage tires, wheels, suspensions and body of the vehicle. Therefore, fine antiskid chains should be selected to provide a sufficient and free space between tires and other parts in wheel guards.

■ Carefully check and read the component assembly drawings and other instructions of the antiskid chain manufacturer.

■ It is recommended that you consult the BYD authorized service provider from which you bought the vehicle, before you buy antiskid chains and install them on the vehicle.

■ After antiskid chains are installed, the vehicle should be driven at a speed lower than 30 km/h on an ice and snow covered road.

■ To minimize wear of tires and antiskid chains, be sure to avoid installing antiskid chains on the vehicle and driving it on a road not covered by ice or snow.

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| **WARM TIP** |
| ● Drive the vehicle at a speed not exceeding 30 km/h or the speed limit specified by the antiskid chain manufacturer, whichever is smaller.  ● Drive carefully and pay attention to bumps, holes and sharp turns, which may cause the vehicle to jump.  ● Avoid sharp turns or wheels lock-up in braking when driving the vehicle equipped with antiskid chains, and slow down before taking turns to avoid the accidents due to loss of control over the vehicle.  ● Tires installed with antiskid chains should be used symmetrically, and those not used should be removed immediately. |

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| **Interior Devices** | **5** |  |

5 Interior Devices

5. Interior- Devices

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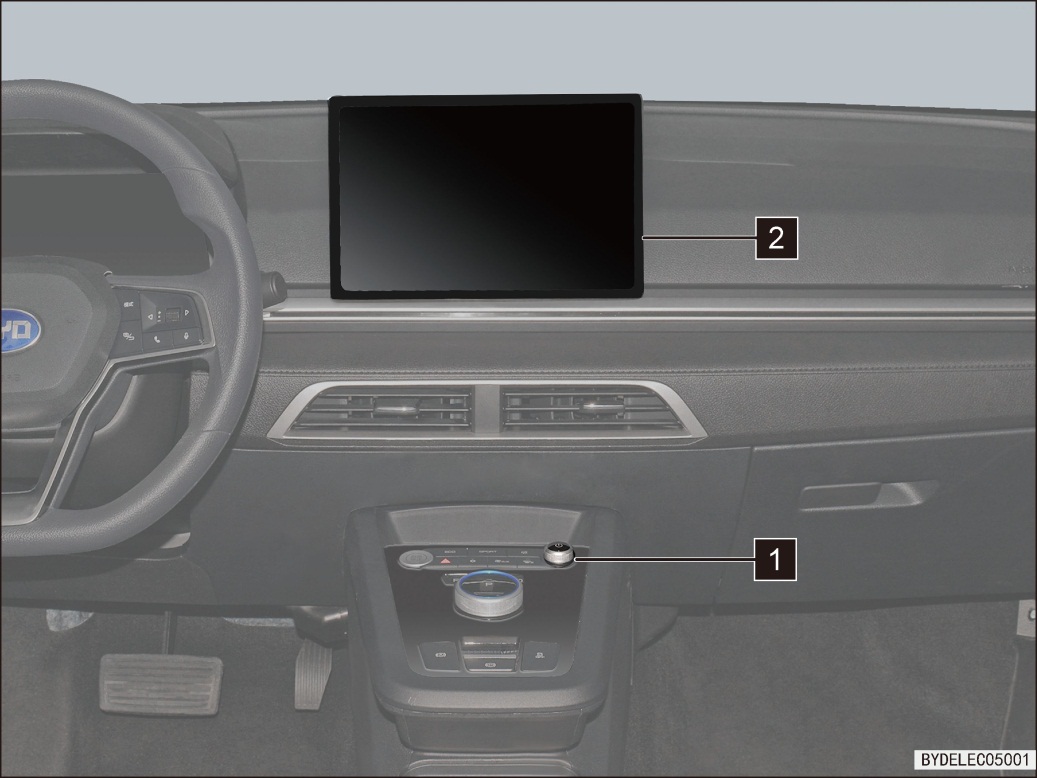
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5-1 Multimedia System

Multimedia Control Panel (If Any)

When the power is in OK mode, the initial image will be displayed for several seconds and the multimedia system will start to work.



|  |  |
| --- | --- |
| **1** VOLUME knob / Audio OFF / multimedia restart button | **2** Multimedia touch screen |

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| **WARNING** |
| ● Do not use high-power inverter in the vehicle, because using such inverters will result in abnormality of the multimedia system.  ● Do not privately flash or root the multimedia system; otherwise, the multimedia system or the vehicle may become abnormal.  ● For your driving safety, it is recommended to use the multimedia system with horizontal screen during driving. |

|  |
| --- |
| **CAUTION** |
| ■ To prevent causing damage to the touch screen:  ● Gently tap the screen with a finger. If the system makes no response, move the finger away from the screen, and then tap it again.  ● Do not use any detergent when wiping the screen with a piece of soft cloth.  ■ Touch screen  ● When the temperature of display screen is low, the image displayed may be darker or the multimedia system may work slower than working under normal conditions.  ● It may be darker or hard to see clearly if you look at the screen when wearing sun glasses. In this case, change your angle of sight or take off the sun glasses.  ● Gray buttons on the touch screen are inoperable.  ■ The display interface of the touch screen is only provided for reference, and that on the vehicle shall prevail.  ■ After connecting the multimedia to the network, user can experience multimedia-related functions (e.g. intelligent voice, APP, etc.). |

Radio Control Panel (If Any)

With the vehicle powered up (OK), when the panel is powered up for the first time, it will display the radio mode interface. Press the "Menu" button to switch to the A/C mode interface. Press the "Menu" button again to switch it back to the radio mode.



|  |  |  |  |
| --- | --- | --- | --- |
| **1** | Radio mode interface | **2** | Menu button (press the button to switch between radio and A/C function; press and hold the button to turn off the radio) |

5-2 Air Conditioning System

A/C control panel

With the vehicle powered up (OK), the air conditioning system can be used.

|  |  |
| --- | --- |
| ■ Configuration 1  **1** Compressor control button  **2** A/C ON/OFF button  **3** Front windshield defrosting button |  |
| ■ Configuration 2  **1** Blower speed decrease button (press this button once to decrease the blower speed by one level)  **2** Blower speed increase button (press this button once to increase the blower speed by one level)  **3** A/C compressor cooling button  **4** Air distribution mode button  (press this button to switch among air to face, air to footwell, air to face + footwell, air to footwell + defrosting) |  |

**5** Internal/external air recirculation on/off button

**6** A/C ON/OFF button

Temperature regulation knob (turn the knob toward the red direction to increase the set value of A/C temperature; turn the knob toward the blue direction to decrease the set value of A/C temperature)

**7** A/C display interface

A/C Operating Interface (If Any)



|  |  |  |  |
| --- | --- | --- | --- |
| **1** | Compressor control button | **6** | A/C ON/OFF button |
| **2** | Internal / external air circulation mode button | **7** | A/C state icon |
| **3** | Air outlet mode selection button | **8** | Front windshield defrosting button |
| **4** | Front A/C operating interface button | **9** | A/C blower speed adjustment button |
| **5** | Temperature adjustment display area |  |  |

|  |
| --- |
| **WARM TIP** |
| ■ Odor of air conditioner (A/C):  ● When the A/C is turned on, the air coming from it may smell musty. Such kind of A/C odor is normal. When the vehicle's A/C is in service, A/C condensate often adheres to the evaporator and the wet evaporator easily adsorbs the unfiltered human sweat, smoke, dust, etc. inside the vehicle. If the condensate on the evaporator is not dried, mould may easily grow on the dark and humid evaporator surface and long duration of mould fermentation always produces odor. |

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| **WARM TIP (CONTINUED)** |
| ■ A/C odor prevention methods:  ● Turn off the A/C for natural ventilation before stopping the vehicle to keep it relatively dry.  ● Inspect, clean or replace the filter screen at regular intervals.  ● Keep the interior of vehicle clean and air fresh to the greatest extent.  ■ If the odor still exists after using such odor prevention methods, immediately contact a BYD authorized service provider for service and maintenance. |

Functions (If Any)

A/C ON/OFF button

■ Press the A/C OFF/ON button  or tap  on the A/C operating interface to turn off the A/C. The air outlet mode keeps unchanged, while the air input mode turns to internal air recirculation mode.Press the button  again or tap  on the A/C operating interface to turn on the A/C.

■ With the A/C off, press  or tap  on the A/C operating interface again to turn on the A/C in the memorized modes, with the set temperature, blower speed and air outlet mode being those when the A/C was turned off last.

A/C blower speed adjustment button

■ Tap the suitable blower speed level button to set the blower speed at a desired level. A higher blower speed level indicates a higher air input.

■ Press the  button or tap  on the A/C operating interface to turn off the A/C system.

**Front windshield defrosting button**

■ Press the front windshield defrosting button  or tap the  icon on the screen to distribute air to the front windshield and side windows; at this moment, the button indicator will illuminate.Press the button  again or tap the icon  on the screen; the indicator on the button will go out and the A/C will return to the status used last time.

■ Press the  button or tap the  icon on the screen to activate the defrosting and demisting function and no matter whether the compressor control button is operated or not, the A/C will also be turned on.

**Temperature adjustment display area**

Tap the icon  on the screen; slide it toward the red zone on the right to increase the temperature; slide it toward the blue zone on the left to decrease the temperature.

**A/C state icon**

■ The A/C state icon indicates the current A/C state (air outlet mode and blower speed level).

■ Tap this icon to switch the multimedia display screen to the A/C operating interface.

**Compressor control button**

Press the compressor control button  or tap the icon  on the screen to turn on the A/C compressor. At the moment, the indicator on the button or icon on the screen will illuminate and the compressor will start to achieve cooling.Press this button again to turn off the A/C compressor. The indicator on the button will go out and the compressor will stop.

**Internal / external air circulation mode button**

Press this button to set the air inlet mode to internal air recirculation, with the air inlet mode icon turning from external air circulation to internal air recirculation. Press this button again to set the air inlet mode to external air circulation, with the air inlet mode icon turning from internal air recirculation to external air circulation.

**Air outlet mode**

■ Front A/C air outlet mode selection button 

● Tap any icon on the display screen to select the corresponding air outlet mode.

● There are five air outlet modes for selection.

■ The air outlet mode may be adjusted according to the following explanations of corresponding diagram:

|  |  |
| --- | --- |
| Air is mainly distributed to face level. |  |
| Air is mainly distributed to footwell and face level. |  |
| Air is mainly distributed to footwell. |  |
| Air is mainly distributed to footwell and the front windshield. |  |
| Air is mainly distributed to front windshield and side windows. |  |

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| **Main points of application** |

■ In order to make the vehicle that has been parked in the sun cool down quickly, it is recommended to drive the vehicle with windows open for several minutes. In this way, the heat in the vehicle can be exhausted and the air conditioner can accelerate interior cooling.

■ Make sure that the air intake grille in front of the windshield is not blocked (by leaves or snow).

■ Do not let cool air flow to the windshield in wet weather, because the difference between temperatures inside and outside the windshield will generate mist on the windshield.

■ Be sure to keep the part under front seats open and unblocked, so that the air inside the vehicle can be fully circulated.

■ In cold weather, the blower speed must be set to a high value for continuous working of 1 min to clear the accumulated snow or moisture at the air inlet, so that window misting can be reduced.

■ Close all windows when following other vehicles on a dusty road or driving in a windy and dusty environment. If the dust raised by other vehicles also enters the vehicle even if all windows are closed, it is recommended to set the air intake mode as internal air recirculation mode and set the blower speed at any position other than "0".

Air Outlet

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| --- |
| Side air outlet |

|  |  |
| --- | --- |
| ■ The angle of air outlet can be adjusted by operating the adjusting sheet at the center of the left air outlet.  ■ Turn the adjustment tab to the left to close the air outlet, or to the right to open the air outlet. |  |

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| **Central air outlet** |

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| --- | --- |
| ■ The angle of air outlet can be adjusted by operating the adjusting sheet at the center of the left air outlet.  ■ Turn the adjustment tab to the left to close the air outlet, or to the right to open the air outlet. |  |

5-3 Storage Devices

Glove Box

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| ■ To use the glove box, pull up the glove box handle to open it.  ■ Push the glove box lid upward to close it. |  |

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| **WARM TIP** |
| ● Be sure to keep the glove box closed to reduce the possibility of personal injury during an accident or emergency brake. |

Center Console Glove Box

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| The central console glove box is used to store small objects. |  |

Front Central Armrest Storage Box

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| --- | --- |
| ■ To use the central armrest storage box, pull up its cover in the direction indicated by the arrow in the figure.  ■ To close the central armrest storage box, push down its cover. |  |

Mobile Phone Holder

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| --- | --- |
| The mobile phone holder is used to store mobile phones. |  |

Storage Box on Inner Trim Panel

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| Each of the four doors is provided with a storage box to hold cups, beverage cans, etc. |  |

File Pocket

|  |  |
| --- | --- |
| Each front seat is provided with a file pocket behind the backrest for accommodating papers, files, etc. |  |

Bill Box

|  |  |
| --- | --- |
| Pull the handle of bill box to open it.  ■ Invoices, business cards, etc. may be put in the bill box. Do not put large or heavy objects in the bill box, because these objects may result in the failure of closing the bill box. Be sure to keep the bill box closed when the vehicle is running. |  |

Cup Holder

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| --- | --- |
| The cup holder is for placing an ashtray, cup or beverage can properly and stably. |  |

5-4 Other Devices

Sun Visor

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| --- | --- |
| ■ The sun visors are located above the driver's seat/front passenger's seat. To shade the eyes from glare of sunlight from the front, pull down the sun visor.  ■ To shade the eyes from glare of sunlight from the side, remove the rotary cover from the fixing bracket, and turn the sun visor to the side window. |  |

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| **WARM TIP** |
| ● Reasonable and proper use of the sun visor can increase the driving comfort and safety. |

Vanity Mirror

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| ■ Vanity mirrors are installed on the front passenger's sun visor.  ■ When you need to use the vanity mirror, turn down the sun visor and open the mirror. |  |

Safety Handle

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| When the vehicle is running, passengers may use the safety handles to stabilize their bodies. |  |

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| **CAUTION** |
| ● Do not use the safety handle when getting on or off the vehicle or getting out of the seat.  ● Do not hang any heavy object from or apply large force to the safety handle. |

12V Backup Power Supply

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| --- | --- |
| ■ The rated output voltage of the backup power supply is 12V, and the maximum output current is 10A.  ■ The 12V backup power supply is used for providing power for vehicle accessories.  ■ When using the 12V backup power supply, open its cover and vehicle power must be in OK mode. |  |

USB Interface/Vehicle Traveling Data Recorder Card Slot (If Any)

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| --- | --- |
| Configuration 1  **1** USB Port  **2** Vehicle traveling data recorder card slot  **3** USB charging port |  |
| Configuration 2  USB port |  |
| USB charging port |  |

|  |  |  |
| --- | --- | --- |
| **Service and Maintenance** | **6** |  |

6. Service and Maintenance

6 Service and Maintenance

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6-1 Instructions for Maintenance

Period and Contents of Maintenance

|  |
| --- |
| **Vehicle maintenance schedule** |

■ The maintenance schedule is prepared to ensure the driving stability, reduce troubles and provide a safe and economical driving experience to the user.

■ Refer to the maintenance schedule for intervals of planned maintenance which depends on the readings on the odometer or time intervals, whichever comes first.

■ Once done at the time after the required time interval, any maintenance item should also be done at the same time interval next time.

■ Have rubber hoses (for the cooling/heating system and the brake system) checked by a professional technician as per the maintenance schedule.

■ All maintenance items listed are very important. The maintenance interval of each item is given in the maintenance schedule. Replace a hose immediately once it is degraded or damaged.

■ All maintenance items necessary for keeping your vehicle always in the best operating state are listed in the regular maintenance schedule.

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| **Maintenance schedule requirements** |

The vehicle must be maintained normally in accordance with the maintenance schedule.

If the vehicle is operated under one or more of the following special conditions, some maintenance items should be done more frequently.

■ Road conditions

● When driving on a bumpy/muddy road or a road covered by melting snow;

● When driving on a dusty road.

■ Driving conditions

● When the vehicle is towed or trailed, or when a camping trailer or top bracket is used.

● When the vehicle is driven repeatedly within a short distance of 8 km and when the outside temperature is below zero.

● When the vehicle keeps idling for a long time and/or is driven for a long distance at low speed, such as a police car, taxi or goods van.

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| Maintenance schedule |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Time Interval for Maintenance**  **Item** | **Readings on Odometer or Number of Months, Whichever Comes First [EV]** | | | | | | | | | | | | | | | | |
| **X1000** | **7.5** | **15** | **22.5** | **30** | **37.5** | **45** | **52.5** | **60** | **67.5** | **75** | **82.5** | **90** | **97.5** | **105** | **112.5** | **120** |
| **(miles / km)** | **/12** | **/24** | **/36** | **/48** | **/60** | **/72** | **/84** | **/96** | **/108** | **/120** | **/132** | **/144** | **/156** | **/168** | **/180** | **/192** |
| **Number of Months** | **6** | **12** | **18** | **24** | **30** | **36** | **42** | **48** | **54** | **60** | **66** | **72** | **78** | **84** | **90** | **96** |
| Check and tighten the chassis fixing screws | | I | I | I | I | I | I | I | I | I | I | I | I | I | I | I | I |
| Check the brake pedal and the EPB switch | | I | I | I | I | I | I | I | I | I | I | I | I | I | I | I | I |
| Check brake pads and brake discs | | I | I | I | I | I | I | I | I | I | I | I | I | I | I | I | I |
| Check the pipeline and hoses of brake system | | I | I | I | I | I | I | I | I | I | I | I | I | I | I | I | I |
| Check guide pins of brake caliper assembly | | I | I | I | I | I | I | I | I | I | I | I | I | I | I | I | I |
| Check the steering wheel and the gearshift lever | | I | I | I | I | I | I | I | I | I | I | I | I | I | I | I | I |
| Check the dust cover of transmission shaft | | I | I | I | I | I | I | I | I | I | I | I | I | I | I | I | I |
| Check the ball pin and the dust cover | | I | I | I | I | I | I | I | I | I | I | I | I | I | I | I | I |
| Check front and rear suspension devices | | I | I | I | I | I | I | I | I | I | I | I | I | I | I | I | I |
| Check tires and inflation pressure (including TPMS) | | I | I | I | I | I | I | I | I | I | I | I | I | I | I | I | I |
| Check the alignment of front and rear wheels | | I | I | I | I | I | I | I | I | I | I | I | I | I | I | I | I |
| Tire rotation | | I | R | I | R | I | R | I | R | I | R | I | R | I | R | I | R |
| Check whether there is any play in wheel bearing | | I | I | I | I | I | I | I | I | I | I | I | I | I | I | I | I |
| Check the level of coolant in the expansion tank | | I | I | I | I | I | I | I | I | I | I | I | I | I | I | I | I |

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| **Time Interval for Maintenance**  **Item** | **Readings on Odometer or Number of Months, Whichever Comes First [EV]** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **X1000** | **7.5** | | **15** | | **22.5** | | **30** | | **37.5** | | **45** | | **52.5** | | **60** | | **67.5** | | **75** | | **82.5** | **90** | **97.5** | **105** | **112.5** | **120** |
| **(miles / km)** | **/12** | | **/24** | | **/36** | | **/48** | | **/60** | | **/72** | | **/84** | | **/96** | | **/108** | | **/120** | | **/132** | **/144** | **/156** | **/168** | **/180** | **/192** |
| **Number of Months** | **6** | | **12** | | **18** | | **24** | | **30** | | **36** | | **42** | | **48** | | **54** | | **60** | | **66** | **72** | **78** | **84** | **90** | **96** |
| Replace the antifreeze for drive motor | | | Replace it with long-acting, organic, and acid coolant once every 4 years or every 100,000 km (whichever comes first). | | | | | | | | | | | | | | | | | | | | | | | | |
| Check the brake fluid | | | I | | I | | I | | I | | I | | I | | I | | I | | I | | I | I | I | I | I | I | I |
| Replace the brake fluid | | | Replace it once every 2 years or every 40,000 km | | | | | | | | | | | | | | | | | | | | | | | | |
| Check the DTC of vehicle (clearing after recording) | | | I | | I | | I | | I | | I | | I | | I | | I | | I | | I | I | I | I | I | I | I |
| Check the power battery tray and bumper | | | I | | I | | I | | I | | I | | I | | I | | I | | I | | I | I | I | I | I | I | I |
| Capacity testing and calibration | | | Every 6 months or 72,000 km of vehicle running mileage | | | | | | | | | | | | | | | | | | | | | | | | |
| Check and replace the gear oil in transmission | | | Replace the gear oil after 24 months or 40,000 km of vehicle running mileage for the first time. After that, replace the gear oil every 24 months or every 48,000 km of vehicle running mileage. | | | | | | | | | | | | | | | | | | | | | | | | |
| Check whether the powertrain has any fluid leakage and bumps | | | I | | I | | I | | I | | I | | I | | I | | I | | I | | I | I | I | I | I | I | I |
| Check whether the high-voltage wiring harness or connector gets loose | | | I | | I | | I | | I | | I | | I | | I | | I | | I | | I | I | I | I | I | I | I |
| Check the appearance of high-voltage module for deformation and oil fluid | | | I | | I | | I | | I | | I | | I | | I | | I | | I | | I | I | I | I | I | I | I |
| Check whether all joints of the charging connector have any foreign objects or ablation | | | I | | I | | I | | I | | I | | I | | I | | I | | I | | I | I | I | I | I | I | I |
| Replace A/C and battery coolant | | | Replace it with long-acting, organic, and acid coolant once every 4 years or every 100,000 km (whichever comes first). | | | | | | | | | | | | | | | | | | | | | | | | |
| Check the ordinary filter screen | | | I | | I | | I | | I | | I | | I | | I | | I | | I | | I | I | I | I | I | I | I |
| Check the high-efficiency filter (if any) | | | I | | I | | I | | I | | I | | I | | I | | I | | I | | I | I | I | I | I | I | I |

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| **Time Interval for Maintenance**  **Item** | **Readings on Odometer or Number of Months, Whichever Comes First [EV]** | | | | | | | | | | | | | | | | | | | | | | | | | |
| **X1000** | **7.5** | **15** | | **22.5** | | **30** | **37.5** | | **45** | | **52.5** | | **60** | | **67.5** | | **75** | | **82.5** | **90** | **97.5** | **105** | **112.5** | | **120** |
| **(miles / km)** | **/12** | **/24** | | **/36** | | **/48** | **/60** | | **/72** | | **/84** | | **/96** | | **/108** | | **/120** | | **/132** | **/144** | **/156** | **/168** | **/180** | | **/192** |
| **Number of Months** | **6** | **12** | | **18** | | **24** | **30** | | **36** | | **42** | | **48** | | **54** | | **60** | | **66** | **72** | **78** | **84** | **90** | | **96** |
| Check the filter screen for PM2.5 rapid detector (if any) | | I | I | | I | | I | | I | | I | | I | | I | | I | | I | I | I | I | I | I | I | |
| Check the electrostatic filter (if any) | | I | I | | I | | I | | I | | I | | I | | I | | I | | I | I | I | I | I | I | I | |
| Check whether all light bulbs and LEDs illuminate normally | | I | I | | I | | I | | I | | I | | I | | I | | I | | I | I | I | I | I | I | I | |
| Check whether the light adjustment function for headlights is normal | | I | I | | I | | I | | I | | I | | I | | I | | I | | I | I | I | I | I | I | I | |
| Calibration of initial downward inclination of low beams | | Calibrate it once every 10,000 km of vehicle running mileage | | | | | | | | | | | | | | | | | | | | | | | | |
| SRS module, ECU and sensors | | Replace them every 10 years. | | | | | | | | | | | | | | | | | | | | | | | | |
| Check whether the GND point of EPS has any foreign objects or ablation | | I | | I | | I | I | | I | | I | | I | | I | | I | | I | I | I | I | I | I | I | |
| Check whether the EPS connector gets loose and whether the connector pins have been ablated | | I | | I | | I | I | | I | | I | | I | | I | | I | | I | I | I | I | I | I | I | |
| Check EPS ECU  Check whether the surface has been corroded | | I | | I | | I | I | | I | | I | | I | | I | | I | | I | I | I | I | I | I | I | |
| Check if any software updating kits of complete vehicle modules exist. Update them if any. | | I | | I | | I | I | | I | | I | | I | | I | | I | | I | I | I | I | I | I | I | |
| Check if the HV components have any traces of waterlogging | | I | | I | | I | I | | I | | I | | I | | I | | I | | I | I | I | I | I | I | I | |
| Check the front compartment hatch lock and its fasteners | | Every year | | | | | | | | | | | | | | | | | | | | | | | | |
| Remarks | | For item 1, timely change any unexpectedly damaged chassis parts. | | | | | | | | | | | | | | | | | | | | | | | | |

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| **WARM TIP** |
| ● To keep the power battery in the best state, it is necessary to conduct full charge and full discharge of the vehicle at regular intervals (at least after every 6 months or every 72,000 km of vehicle running mileage) to allow self-calibration of the battery. You may also contact a BYD authorized service provider to test and calibrate the battery capacity. |

■ Definitions of symbols in the table above are as follows:

● I = If necessary, check, adjust or replace;

● I = Items to be added for severe conditions;

● R = Replace.

■ Maintenance items should be added according to the maintenance schedule in severe working conditions as follows:

● The vehicle has frequently served in dusty areas or salt-spray areas.

● The vehicle has frequently served on bumpy, waterlogging or mountain roads.

● The vehicle has frequently served in cold areas.

● The motor is often in a long-time idle running state or the vehicle has frequently served for a short distance in cold season.

● The brake system has been used too frequently, in particular for hard brake.

● The vehicle has frequently served as a tow tractor.

● The vehicle has served as a taxi or a service vehicle.

● The vehicle has served in an urban area which features traffic congestion at a temperature above 32°C for more than 50% of the total service time.

● The vehicle has served at a speed of more than 120 km/h at a temperature above 30°C for more than 50% of the total service time.

● The vehicle has been overloaded frequently.

■ Specified maintenance records:

● It is recommended that you should request the BYD authorized service provider to fill all specified maintenance records in the table, and properly keep all receipts related to the maintenance of your vehicle.

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|  | **Specifications for maintenance of components** |

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| Item | Model | Filling capacity |
| Transmission oil | Shell S3-ATF-MD3 | 0.6~0.7L |
| Coolant | Domestic models: Glycol type long-acting anti-rust antifreeze, with its freezing point selected depending on the temperature (normal temperature type: with a freezing point of -25℃ and being applicable to South China all year round and North China in summer; cold resistant type: with a freezing point of -40°C and being applicable to North China in winter) | 4.6±0.2L  Start the coolant pump installed on the motor; check whether the coolant level of the expansion tank changes. If the coolant level drops below the MIN mark, add coolant until the coolant level lies at the MAX mark. |
| Battery coolant | Organic acid antifreeze: freezing point of -40°C | 3.8±0.1L |
| Brake Fluid | BASF DOT4, Sinopec HZY6 | 0.75±0.05L |

6-2 Regular Maintenance

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| Regular Maintenance |

■ Be sure to maintain the vehicle as per the maintenance schedule to allow it serve in the best working efficiency and reduce fault occurrence.

■ Refer to the maintenance schedule for intervals of planned maintenance which depends on the readings on the odometer or time intervals, whichever comes first.

■ Once done at the time after the required time interval, any maintenance item should also be done at the same time interval next time.

■ Maintenance should be in accordance with the BYD standards and specifications. You are recommended to have the maintenance conducted at a local BYD authorized service provider.

■ Maintenance items and the running time or distance listed in the maintenance schedule are determined with the assumption that you have your vehicle to carry passengers and articles as a common vehicle, without loads beyond its load limit.

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| **CAUTION** |
| ● Maintain the vehicle at regular intervals in accordance with the requirements in the *Quality Warranty Voucher and Maintenance Manual* of BYD Auto. |

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| Vehicle Corrosion Prevention |

**The most common causes of vehicle corrosion are as follows:**

■ Saline and alkaline matters, dust and moisture are deposited underneath of the vehicle.

■ The vehicle is in a high humidity environment or some parts of the vehicle are in a humid and high temperature environment for a long time.

■ Paint or primer coats have been scratched by slight impact or stones and gravels.

**To prevent vehicle corrosion, the following rules should be observed:**

■ Wash the vehicle frequently.

● If you have to drive the vehicle on saline and alkaline roads in winter, or if you live by the sea, be sure to wash the vehicle parts in contact with the ground at least once a month by using water cannon or steam to wash the chassis and wheel guards to reduce corrosion. After winter, thoroughly clean the vehicle chassis.

■ Check paint and trims on the vehicle body.

● If the paint coat is found with any chips or cracks, it should be repaired at once to prevent corrosion. If any chipping or cracking coat peels off from the metal surface, drive the vehicle to a BYD authorized service provider for repair.

■ Check the interior of the compartment.

● Moisture and dust always deposit beneath the carpet and cause corrosion. Therefore, frequently check the positions beneath carpets to make sure that these positions are dry.

● Take special care and use proper containers to transport chemical products, detergents, chemical fertilizers, salts, and other substances. Clear any splashing or leaking substances at once and keep dry of the containers.

■ Use fenders.

● Using fenders can protect the vehicle if the vehicle runs in saline and alkaline areas or on a road covered by gravels. It is better to use fenders with larger sizes and install them on the vehicle closer to the ground.

■ Park the vehicle in a well-ventilated and dry place.

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| Maintenance Tips for Painted Surface |

■ Clean the vehicle in time.

■ To prevent causing color nonconformity or poor bonding, do not conduct secondary paint spraying if the painted surface has no obvious scratches.

■ For long-time parking, the vehicle should be parked in the garage or at a well-ventilated place. In addition, the vehicle should be parked with a special cover in winter. For temporary parking, the vehicle should be parked at a shady and cool place.

■ Prevent causing strong impact, bumping or scratches on paint film of the vehicle body. It is better to have the painted surface with scratches, indentations or peels repaired by a professional automobile beauty shop.

■ Do not touch the painted surface of vehicle body with greasy hand, or wipe the painted surface with a piece of greasy wiping cloth at will. To prevent causing any chemical reaction, do not place a greasy tool or wiping cloth containing organic solvent on the vehicle body.

■ Wax the painted surface for protection once a month or when the vehicle body surface do not have goo water-resistant performance and regularly drive the vehicle to a professional automobile beauty shop for maintenance (once a quarter) to recover the brightness and glossiness of the painted surface of vehicle body.

■ Use high-quality polishing agent and vehicle wax. If the vehicle's polished surface is found with serious wreathing effect, use a vehicle cleaning and polishing agent separate from vehicle wax. Observe the manufacturer's specifications carefully and take specified preventive measures. The chrome plated surface should be polished and waxed the same as the painted surface.

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| **CAUTION** |
| ● If the vehicle is to be re-painted and parked in a high-temperature painting and waxing workshop, the vehicle's plastic bumper should be removed, because high temperature may damage the bumper. |

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| Washing the Vehicle |

■ Driving under the following conditions will cause peel-off of the paint coat or corrosion of the vehicle body and parts, so the vehicle must be washed in time:

● When you are driving in coastal areas;

● When you are driving on a road distributed with antifreeze agent;

● When you are driving on a road with coal tar;

● When any resin, bird dropping or dead body of insect is left on the vehicle body;

● When you are driving in the areas containing a large amount of smoke, coal ash, dust, scrap iron or chemical substances;

● When the vehicle is obviously contaminated by dust and mud;

● When you are driving after raining.

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|  | **Manual washing** |

Be sure to wash the vehicle at a shady and cool place and after the vehicle fully cools down.

1. Wash away loose dirt with a water hose, and wash off all mud or road salt and alkali at the bottom of vehicle body and in the recessed positions of wheels.

2. Wash the vehicle with a neutral washing agent, the mixing of which should be conducted according to the manufacturer's specifications. Wipe the vehicle along with the water flow direction and from top to bottom by using a soft cloth dampened with cleaning solution. Do not wipe the vehicle in a circular or transverse way.

3. Wash the vehicle thoroughly, because washing agent will leave stripes after drying. Be sure to correctly wash all vehicle parts with clean water after washing the vehicle in high-temperature days.

4. To prevent leaving water stains, wipe the vehicle body with a clean and soft towel until the vehicle becomes dry. Avoid forceful wiping or pressing. Otherwise, the painted surface may be scratched.

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| **WARM TIP** |
| ● Do not use highly alkaline washing powder, soapy water, washing agent, dewaxing detergent or organic matter (gasoline, kerosene, volatile oil or strong solvent) for this purpose.  ● Never wipe the surface of combination lights with gasoline, alcohol, lacquer thinner, carbon tetrachloride and other chemical solvents when cleaning the combination lights. Otherwise, cracking of combination light covers will be caused.  ● It is recommended to wash the vehicle running in coastal areas or seriously-polluted areas once a day.  ● Do not use a blade to scrape or gasoline to remove dirt on the vehicle body. Plastic wheel trims are easily damaged by organic matter. If any organic matter is splashed on any trim, be sure to wash it off with water and check if the trim is damaged. Timely replace plastic wheel trims that have been seriously damaged. Otherwise, wheel trims may fly away from wheels when the vehicle is running, causing an accident.  ● Do not wipe and clean the bumpers with any detergent containing abrasive materials.  ● Use graphite powder detergent to clean plated metal parts and regularly wax them for protection. |

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|  | **Automatic washing** |

Note that some types of brush, unfiltered washing water or preset washing procedure in the washing machine may lead to scratches on the painted surface when you have your vehicle washed at an automatic car washing station. Scratches on the painted surface will reduce the surface durability and glossiness, especially for dark-color vehicles. Please consult a service man of the car washing station before washing your vehicle to ascertain which car washing procedure is the safest for the vehicle's painted surface.

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| Interior Cleaning |

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| **WARM TIP** |
| ● Do not let water flow onto the vehicle floor or dashboard when washing the interior or exterior of the vehicle. Ingression of water into nearby electrical appliance components may cause malfunction.  ● Do not wash the vehicle floor with water, so as to avoid corrosion of the vehicle body. |

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|  | **Carpet** |

■ Use a high-quality foam detergent to clean the carpet.

■ Remove the dust with a dust collector as far as possible. Several types of foam detergent can be used. Some are contained in spray cans, and others are powder or liquid, which produce foam after being mixed with water. Clean the carpet with a piece of sponge or a brush with foam. Wipe or brush the carpet in a circular way.

■ Do not wash the carpet with water. Keep the carpet dry to the greatest extent.

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|  | **Seat belt** |

■ Seat belt can be washed with mild soap water or lukewarm water.

■ Wipe the seat belt with a piece of sponge or soft cloth. Check if the seat belt has any excessive wear, penetration or trace of cut when washing it.

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| **CAUTION** |
| ● Do not wash the seat belt with colorant or decolorizer, as the strength of seat belt will be weakened by doing so.  ● Do not use the seat belt before it becomes dry. |

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|  | **Doors and windows** |

■ Doors and windows can be washed with any ordinary household detergent.

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| **CAUTION** |
| ● When cleaning the inner side of rear windows, take care not to scratch or damage the electric heating wires and their joints (if any).  ● Regularly check the door limiting stopper. If it is found that the limiting stopper rod has obvious ash accumulation, wipe the door limiting stopper rod with a dampened soft cloth to remove dust from the surface. |

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|  | **A/C control panel, audio system, dashboard, control panel and switches** |

■ Use a piece of wet and soft cloth to clean the A/C control panel, all parts of audio system, the dashboard, the control panel and all switches.

■ Dip a piece of clean and soft cloth into water or lukewarm water, and then use it to wipe off the dust.

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| **CAUTION** |
| ● Do not use organic substances (such as solvent, kerosene, ethyl alcohol and gasoline) or acid or alkaline solution. Otherwise, color change, contamination or peel-off of surface will be caused.  ● If a detergent or polishing agent is used, be sure to confirm that its compositions do not contain some of the above-mentioned substances.  ● If a new liquid car washing agent is used, do not splash the liquid onto the interior surface of the vehicle. The reason is that the liquid may contains some of the above-mentioned substances. If the liquid splashes out, wash off all splashed spots quickly. |

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|  | **Leather trims inside the vehicle** |

■ Leather trims can be washed with the neutral detergent for cleaning wool textiles.

■ Wipe off the dust by using a piece of soft cloth with neutral detergent. After that, wipe off the residual detergent with a piece of clean wet cloth.

■ Wipe the washed leather or any wet part of the leather with a piece of clean and soft cloth. Put the leather at a well-ventilated, shady and cool place to let it dry.

■ Consult the local BYD authorized service provider if you have any doubt about washing the vehicle.

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| **CAUTION** |
| ● If the dirt cannot be washed by neutral detergent, the detergent containing no organic solvent may be used.  ● Do not wash the leather with organic substances such as volatile oil, ethyl alcohol, gasoline, or acid or alkaline solution, as they will cause color fading of the leather.  ● Using a nylon brush or man-made fiber cloth will damage the good patterns on the leather surface.  ● Dirty leather trims always produce mildew. Pay special attention to avoiding greasy dirt and always keep the trims clean.  ● Long-time exposure to the sun will cause surface hardening or shrinking of leather. Therefore, be sure to park the vehicle at a shady and cool place, especially in summer.  ● Avoid placing any objects made of vinyl plastics or materials containing wax on the trims in hot summer, because temperature inside the vehicle rises up easily. Such objects will stick to leather in a high-temperature environment.  ● Incorrect washing of leather trims will cause color fading or generate spots. |

6-3 Precautions for DIY Maintenance

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| DIY Maintenance |

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|  | **Precautions for DIY maintenance** |

■ If you want to conduct maintenance of the vehicle by yourself, be sure to properly observe the procedure provided in this section.

■ Note that improper or incomplete maintenance will affect the good service effect of the vehicle.

■ This section only provides information on simple maintenance that can be operated by users. However, it may cover some maintenance items that must be completed by certified technicians with special tools.

■ To prevent causing any accidental injury, be sure to take special care when maintaining the vehicle. The following are some precautions that must be observed.

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| **CAUTION** |
| ● Take care not to cause a short circuit as some circuits, components and parts of the vehicle carry high current or high voltage.  ● Any overflowing coolant should be wiped off with a piece of dry cloth or paper to prevent causing damage to the component or painted surface.  ● Any overflowing brake fluid should be washed off with water to prevent causing damage to the component or painted surface.  ● Prevent the wiper from scratching the glass surface when replacing wiper blades.  ● Check whether any tool or wiping cloth is left in the front compartment when closing the front compartment hatch.  ● Working on or beneath the vehicle requires use of goggles to avoid exposing the eyes to damage from splashing or falling objects or liquids.  ● Take care when refilling brake fluid because it will damage skin or eyes. If any brake fluid splashes onto skin or into eyes, immediately wash the splashed part with clean water. If you still feel uncomfortable in hands or eyes, go to the hospital at once. |

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|  | **Inspection** |

Check the following items in accordance with the vehicle's service conditions or the specified vehicle running mileage:

■ Coolant level — check the expansion tank of radiator every time when you charge the vehicle.

■ windshield washing fluid — check the remaining level of washing fluid in the fluid reservoir once a month. If washing fluid is frequently used due to bad weather, check the remaining level of windshield washing fluid during each charging.

■ Windshield wiper — check service conditions of the wiper once a month. If the wiper fails to wipe clean the windshield, check if it has any wear, cracks or other damage.

■ Brake fluid level — check the level once a month.

■ Brake pedal — check whether the brake pedal can be operated freely.

■ EPB switch — check if all functions of the switch are normal.

■ Start battery — check service conditions of the start battery and the corrosion situations of terminals once a month.

■ Air conditioning system — check running conditions of the A/C every week.

■ tires — check the tire pressure once a month. Check wear conditions of tire surfaces and check if any foreign objects are embedded in tires.

■ Windshield defroster — check the air outlet of defroster every month when using the heating device and the A/C.

■ Lights — check the conditions of headlights, clearance lights, taillights, high-mounted brake lights, turn signals, fog lights, brake lights and license plate lights once a month.

■ Doors — check if the trunk lid and all other doors (including rear doors) can be opened/closed freely and locked firmly.

■ Horn— check if the horn is normal.

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| **WARM TIP** |
| ● To avoid serious vehicle damage and personal injury, do not continue driving a vehicle not checked. |

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|  | **Lights** |

**Calibration of headlights**

■ Before delivery of a new vehicle from the factory, the headlights have been calibrated. If you often use the vehicle to carry heavy objects, the headlights may need to be re-calibrated. It is recommended to have headlights calibrated by a BYD authorized service provider.

**Moisture in lights**

■ After heavy rain or washing, the headlights, tail lights or turn signals in exterior rearview mirrors may have moisture appearing inside. This phenomenon is similar to condensation on inner side of windows in raining and does not indicate a fault in your vehicle.

■ Each light is a relatively confined and narrow space and when it is lit, its temperature will become very high (cover, mirror and others are liable to deform at a high temperature); therefore, heat dissipation is needed for the lights. To meet the requirements of heat dissipation of the lights when lit, heat dissipation holes are provided in each light housing for heat dissipation via convection with the surroundings. A higher temperature difference will cause more active convection. During convection, water vapor in the air will inevitably enter the light. Affected by factors such as sun exposure, convection and bulb heating, water vapor in the air is liable to condense into mist or water drops when encountering light surface with a lower temperature, known as vehicle light condensation.

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| **WARNING** |
| ● When the headlight bulbs illuminate, they will become very hot. Grease, sweat or scratches on the surface of the bulbs will cause the headlights to overheat and break. |

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| **WARM TIP** |
| ● If moisture appears on the inner side of the headlights or turn signals in exterior rearview mirrors, the reason may be high air humidity or large difference between inside temperature and outside temperature. In this case, turn on the headlights or turn signals when driving; the moisture in the lights will disappear a short time later.  ● If there is obvious accumulated water in any light, it is recommended to drive the vehicle to a BYD authorized service provider for maintenance. |

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| Storage of vehicle |

To park the vehicle for a long time (more than one month), make the following preparations. Proper preparations help prevent deterioration of the operating condition of the vehicle and make it easier to re-operate the vehicle. If possible, please park and store the vehicle indoor.

■ Please charge in time.

■ Thoroughly clean and dry the outer surface of the vehicle.

■ Clean the interior of the vehicle and make sure that the carpet and mat are completely dry.

■ Release the parking brake. Place the gearshift lever in the P position.

■ Open a vehicle window for a little gap (in the case of indoor storage).

■ Disconnect the start battery cathode.

■ Place a piece of folded towel or cloth under the front wiper arms to make sure they do not contact with the windshield.

■ To reduce the possibility of sticking, spray silicone lubricant on sealing strips of all doors and the trunk lid and apply vehicle body wax onto the painted surface where it may contact with the sealing strips of all doors and the trunk lid.

■ Cover the vehicle body with breathable coverings made of porous materials such as cotton cloth, because non-porous materials like plastic cloth may damage the surface paint of the vehicle body.

■ Start the vehicle regularly (preferably once a month) if possible. If the vehicle has been parked for a year or longer, it is recommended to carry out a maintenance for the whole vehicle at a BYD authorized service provider.

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| Front Compartment Hatch |

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|  | **Opening of front compartment hatch** |

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| 1. Pull up the opening handle of front compartment hatch on the left side of the dashboard lower body twice continuously, and the front compartment hatch will be locked and opened slightly. |  |
| 2. Lift up the front compartment hatch and support it with a stay bar.  3. When closing the front compartment hatch, put it down at the position about 30 cm above the front grille, and then release it for falling by gravity to lock.  4. After closing the front compartment hatch, remember to check whether the lock catch is locked firmly. |  |

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| **WARM TIP** |
| ● Be sure to confirm that the front compartment hatch has been closed and locked firmly before driving. Otherwise, the front compartment hatch may open suddenly during driving and result in an accident. |

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| Cooling System |

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| 1 Power battery coolant reservoir  2 Drive motor coolant reservoir  ■ A satisfactory coolant level in the coolant reservoir should be between the “MAX” (maximum fluid level) and "MIN" (minimum fluid level) marks.  ■ Always use the coolant same as those applied to the vehicle from the manufacturer. It is unnecessary to add any blending agent. Do not mix antifreeze of different brands and models. |  |

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| **WARM TIP** |
| ● It is recommended to drive the vehicle to a BYD authorized service provider for adding coolant.  ● Opening the coolant reservoir cover before the motor is completely cooled may cause spraying of the coolant, which will result in serious scald. |
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| **CAUTION** |
| ● Do not add any rust inhibitor or other additives to the cooling system, because the additives may be incompatible with coolant or motor components.  ● Be sure to confirm that the motor, high-voltage electronic control integrated module, coolant reservoir and radiator have cooled down before opening the reservoir cover. |

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| Brake System |

■ The fluid level in the fluid reservoir should be checked once a month and the brake fluid should be replaced according to the running time and mileage specified in the maintenance schedule.

■ Be sure to use the brake fluid of the same specifications as those of the original one. Never mix brake fluids with different models.

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| ■ A satisfactory fluid level in the reservoir should be between the "MAX" (maximum fluid level) and "MIN" (minimum fluid level) marks.  ■ If the fluid level is at or below the lower limit (MIN) mark, it is necessary to check whether the braking system leaks and whether brake pads are worn. |  |

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| Washer |

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| ■ During the period of normal service, check the fluid level in the fluid reservoir of windshield washer at least once a month.  ■ If the washer is used frequently in bad weather, check the fluid level in the fluid reservoir more frequently.  ■ Add high-quality windshield washing fluid, which can improve the decontamination ability and prevent freezing in cold weather. |  |

■ When refilling washing fluid into the fluid reservoir, dip a piece of clean cloth into windshield washing fluid and then clean the windshield wiper blades with the cloth. This is helpful to making the cutting edges of wiper blades be in a good service condition.

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| **CAUTION** |
| ● Do not refill acetic acid solvent into the fluid reservoir of windshield washer. It is recommended to use qualified windshield washing fluid. |

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| Air Conditioning System |

■ It is recommended that any important maintenance work of the vehicle's air conditioning system should be done by professional personnel of a BYD authorized service provider, as it is an enclosed system.

■ You can carry out the following operations to ensure work efficiency of the air conditioning system:

● Check the radiator and the air conditioning condenser at regular intervals. Remove leaves, insects and dust deposited on their front surfaces. These deposits will impede air flow, thus reducing the refrigeration effect. In this case, contact a BYD authorized service provider for treatment.

● In order to circulate the lubricating oil contained in refrigerant, run the air conditioner at least once a week and 10 min each time in the months with cold weather.

■ If the refrigeration effect of the air conditioning system becomes worse, send the vehicle to a BYD authorized service provider for inspection and repair of the system.

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| **CAUTION** |
| ● The maintenance shop is required to ensure the use of refrigerant recirculating system no matter when the air conditioning system is inspected and repaired. This system can recycle the refrigerant, as direct emission of refrigerant into the atmosphere will cause environmental pollution. |

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| Wiper Blade |

Wiper blades are made of synthetic rubber and they are wearing parts. Various service environments of the vehicle and using habit of the driver may cause damage to wiper blades. To ensure the service life of wiper blades and the running safety of vehicle, be sure to observe the following precautions:

■ Do not use wiper blades to remove the ice on the windshield surface. Instead, a special ice scraper should be used;

■ Do not scrape on dirty, greasy or waxy windshield surface;

■ Keep the windshield surface clean. Do not scrape the dust, sand, insects and foreign objects on the windshield surface.

■ It is unnecessary to wax the windshield during vehicle washing and paint maintenance of vehicle body, because the wax film will reflect light in the environment with poor light ray, which may affect the visual range and driving safety. After vehicle washing, rinse wiper blades with purified water and remove the wax film on the windshield with a special cleaning agent for glass wax film.

■ During vehicle washing, do not directly wash wiper blades with a water cannon, so as to prevent damage to wiper blades due to excessively high water pressure.

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|  | **Maintenance rules** |

■ Clean the windshield and wiper blades at regular intervals (once a week or once every two weeks is recommended).

■ It is recommended to wipe the windshield with wiper blades (once a day or once every two days). Be sure to keep the windshield sufficiently wet when wiping the windshield with wiper blades (in case of no rainfall, the washing fluid must be sprayed on the windshield in advance).

■ Use a special windshield cleaning agent to clean the windshield.

■ Wipe any mud or dead body of insect on the windshield with a piece of wiping cloth in time.

■ Maintain the windshield in time if any gravel hitting scars are found on it (repair resin or similar product for windshield is suggested, and the windshield should be replaced if there are too many or large scars).

■ Replace wiper blades regularly (it is recommenced to replace them every half a year or 10,000 km).

■ Wiper arms must be lifted up before cleaning the windshield. The specific operating method is as follows:

1. Power off the vehicle.

2. Hold the upper end of wiper arm to lift up the wiper arm and wiper blade assembly with care.

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| Tire |

■ For the purpose of safe driving, the model and size of tires must fit your vehicle model and the tires must have good tread patterns and standard tire pressure.

■ The following pages provide details on how to check tire pressure, damage to and wear of tires, and the operating method for tire rotation.

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| **WARNING** |
| ● Using excessively worn, under-pressure or over-pressure tires will cause accidents, even resulting in personal injuries and deaths.  ● Be sure to act in accordance with all instructions related to tire inflating and maintenance in this manual. |

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|  | **Inflating** |

■ Proper inflating of tires can provide the best combination of maneuverability, tire tread life and driving comfort.

■ Using underinflated tires will result in uneven wear of tires and affect maneuverability and energy consumption. More likely, air leakage may be caused due to overheat.

■ Using overinflated tires will reduce the driving and riding comfort and cause damage to tires more easily due to uneven road surface. In severe cases, there will be the risk of tire burst, which may threaten the vehicle safety seriously and cause uneven wear of tires, affecting their service life.

■ When tires are in cold state (the vehicle is equipped with a tire pressure monitoring device), you can determine whether to inflate them according to the tire pressure value of each tire as displayed on the instrument.

■ Measure tire pressure when the tire is in a cold state. This means that tire pressure measurement should be carried out at least three hours after stopping of the vehicle. If you have to drive the vehicle before tire pressure measurement, tires are considered to be in cold state as long as the running distance is not greater than 1.6 km.

■ If tire pressure measurement is carried out in hot state (after vehicle running for several kilometers), the pressure reading will be 30~40 kPa (0.3~0.4 kgf/cm2) higher than that measured in cold state This is a normal phenomenon. Do not deflate in order to meet the specified tire pressure reading in cold state. Otherwise, insufficient tire pressure will be caused.

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| **WARM TIP** |
| ● Recommended tire pressure in cold state is indicated on the tire pressure label (pasted on the driver's door frame).  ● A tubeless tire can realize self-closure when it is punctured. However, air leakage is very slow in general. For this reason, you should carefully find the position of leakage when the tire pressure starts to decrease. |

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|  | **Inspection** |

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| ■ Check also to see whether tires are scratched, punctured and worn every time when checking the inflation state of tires.  ● Damage to and swelling of tire tread or tire wall. The corresponding tire should be replaced if any of these phenomena is found.  ● Scratches, cracks or fracture on the tire wall.  The corresponding tire should be replaced when the tire cord fabric or cord thread can be seen. |  |

● Excessive wear of tire tread.

■ A wear mark is provided inside the tire tread. If the tire tread is worn to this mark, it indicates that the thickness of tire tread is less than 1.6 mm. A tire worn to this degree has very small adhesive force on a wet and slippery road.

■ When the tire tread is worn till exposure of the wear mark, there will be much loss of tire performance and the tire should be replaced.

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|  | **Maintenance** |

■ In addition to proper inflating, correct wheel alignment is helpful to reducing wear of tire tread.

■ It is recommended to drive the vehicle to a BYD authorized service provider for checking the wheel alignment status if any uneven wear of tire is found.

■ Balancing of tires has been done before delivery of the vehicle. However, re-balancing of tires should be carried out after a certain period of vehicle running.

■ If you feel a kind of continuous vibration when driving the vehicle at a high speed (80 km/h), but do not feel such vibration when driving at a low speed, it is recommended to drive the vehicle to a BYD authorized service provider to check tires.

■ If any tire was repaired before, be sure to carry out re-balancing of the tire.

■ Be sure to carry out balancing of tires when installing or replacing with new ones.

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| **CAUTION** |
| ● Improper wheel balancing weights cannot be fixed firmly and may fall off, resulting in the damage to your vehicle or surrounding objects during vehicle running.  ● Improper wheel balancing weights will damage aluminum alloy rims of your vehicle. Therefore, it is recommended to use wheel balancing weights of the original manufacturer and keep balance of them. |

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|  | **Tire rotation** |

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| ■ To enable tires to be worn to the same degree and lengthen their service lives, we recommend that you perform tire rotation regularly and carry out alignment inspection and adjustment of all these four wheels.  ■ Do not rotate the tire if it is a temporary and spare one.  ■ You may find that some tires are directional when you are buying or replacing tires. This means that such kind of tire is designed to be rotated in one direction only. If directional tires are used, only rotation between front and rear wheels can be carried out, as shown in the figure above. |  |

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|  | **Replacement of tires and wheels** |

■ Original tires of the vehicle are selected to give play to the vehicle performance to the greatest extent. In addition, they can provide you with the best combination of maneuverability, riding comfort and service life.

■ It is recommended to drive the vehicle to a BYD authorized service provider for replacement with original tires.

■ Replacement with radial tires having different size, load scope, rated speed and maximum cold tire pressure (indicated on the tire wall), or mixed use of radial and diagonal tires, may reduce the vehicle's braking capacity, driving force (ground adhesive force) and steering accuracy.

■ Installing improper tires will affect maneuverability and stability of the vehicle and may result in accidents, even personal injury or death.

■ It is preferable to replace all the four tires at the same time. Do not replace one tire only; otherwise, the maneuverability of the vehicle will be seriously affected.

■ ABS (anti-lock brake system) works by comparing the speed of wheels. For this reason, tires having the same size as that of original ones must be used. Size and structure of tires will affect wheel speed and may result in action inconsistency of the system.

■ If replacement of any wheel is necessary, make sure that specifications of the new wheel are consistent with those of the original one. New wheels can be bought from a BYD authorized service provider. Consult a BYD authorized service provider before replacing wheels.

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| **WARM TIP** |
| Please observe the following instructions. Otherwise, typical danger in maneuverability will be caused, resulting in loss of control over the vehicle.  ● Do not use radial tires, bias belted tires or diagonal ply tires on the vehicle in a mixed way.  ● Do not use any tires other than those with the size recommended by the manufacturer. |

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| Fuse |

■ All electric circuits on the vehicle are provided with fuses to prevent causing short circuits or over-load operation. These fuses are separately installed in the front compartment distribution box and the instrument panel distribution box. The front compartment distribution box and the instrument panel distribution box are provided with fuse labels. Through the fuse labels, the corresponding relationship between fuse and electric component can be determined.

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| ■ Front compartment distribution box  ● The front compartment distribution box is located on the rear left side of the front compartment. If you want to open this box, just press the lock latch as shown in the figure. |  |

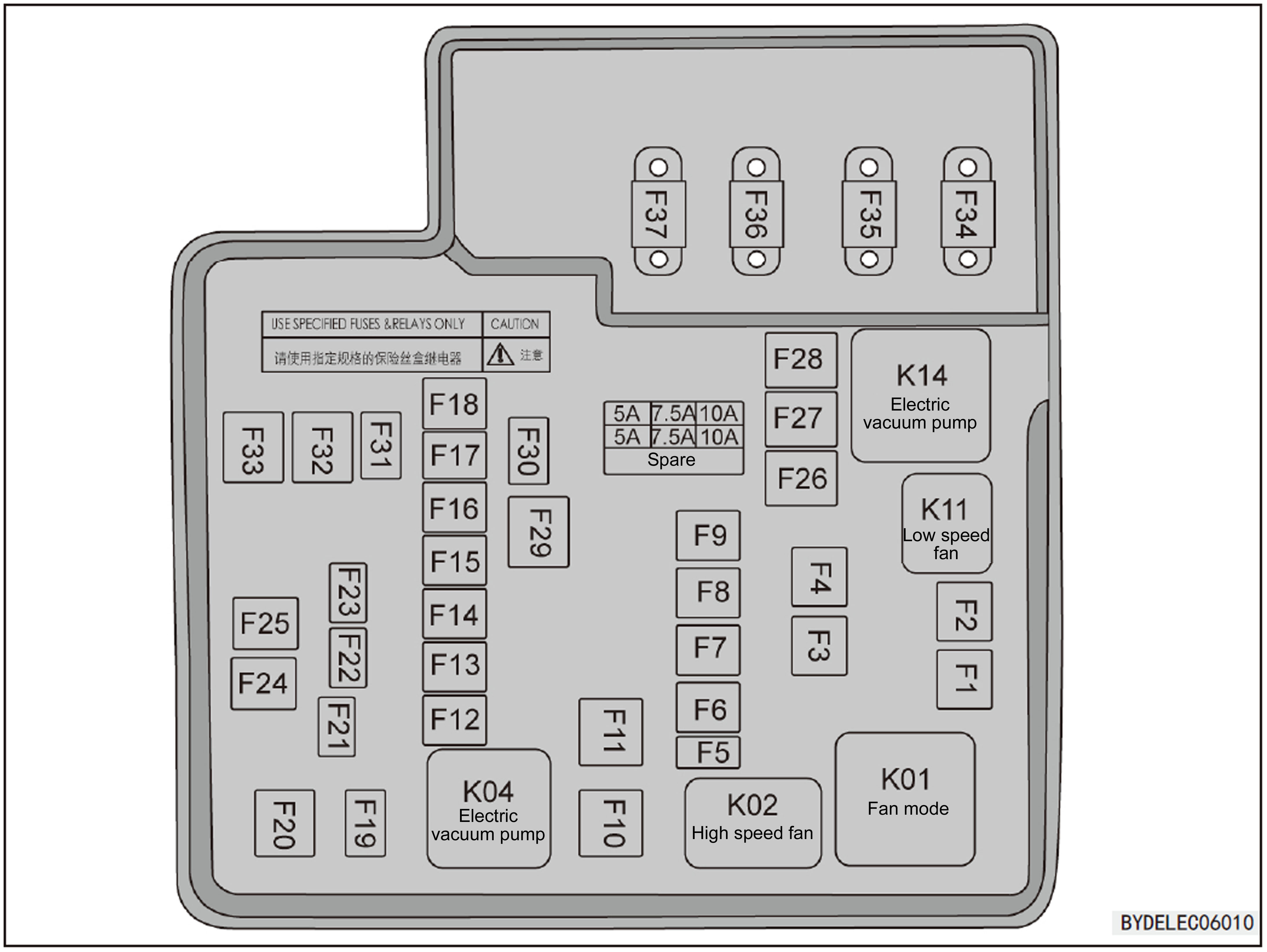
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| ■ Dashboard distribution box  ● The dashboard distribution box is located inside the left lower shield of dashboard in the driver's space. The fuse can be checked and repaired after the left shield of dashboard is removed. |  |

■ Replacing a blown fuse with the one having a higher amperage value will greatly increase the possibility of damaging the electrical system.

■ If you do not have a fuse whose amperage value matches with the circuit, just replace the blown fuse with the one having a lower amperage value.

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| **WARM TIP** |
| ● Never use fuses with amperage ratings above the specified value or any other object instead. Otherwise, serious damage will be caused, possibly resulting in a fire. |

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|  | **Label of front compartment fuse box** |



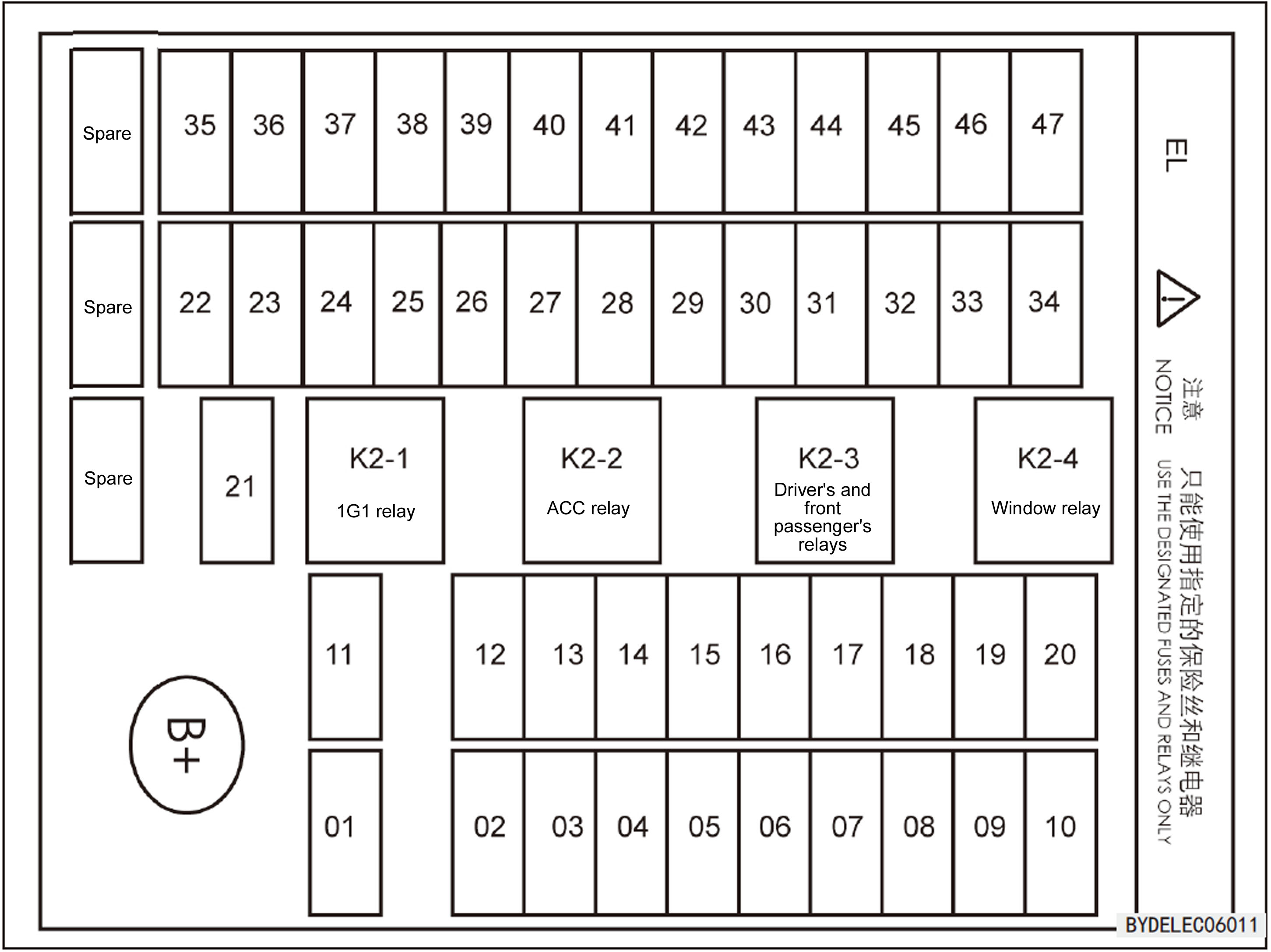
**Fuse**

|  |  |  |
| --- | --- | --- |
| **S/N** | **Ampere (A)** | **Component or Circuit Protected** |
| F1 | 7.5 | Front washer |
| F2 | 7.5 | PTC coolant pump |
| F3 | 10 | BMS |
| F4 | 5 | Charging and distribution assembly |
| F5 | / | Reserved |
| F6 | 5 | Clearance light |
| F7 | 10 | Module IG3 |
| F8 | 7.5 | Electrically controlled coolant pump |

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| --- | --- | --- |
| **S/N** | **Ampere (A)** | **Component or Circuit Protected** |
| F9 | 5 | BMS |
| F10 | 30 | High speed fan |
| F11 | 40 | Electric vacuum pump 2 |
| F12 | 10 | Battery coolant pump |
| F13 | 5 | A/C module |
| F14 | 5 | Electronic expansion valve |
| F15 | 5 | Left high beam |
| F16 | 5 | Right high beam |
| F17 | 5 | Left low beam |
| F18 | 5 | Right low beam |
| F19 | / | Reserved |
| F20 | 40 | Blower |
| F21 | / | Reserved |
| F22 | / | Reserved |
| F23 | / | Reserved |
| F24 | 7.5 | Horn |
| F25 | 15 | Driver's seat heater |
| F26 | 5 | Vacuum pump inspection |
| F27 | 30 | Low speed fan |
| F28 | 40 | Electric vacuum pump 1 |
| F29 | 30 | Front wiper |
| F30 | / | Reserved |
| F31 | / | Reserved |
| F32 | 40 | ABS/ESP |
| F33 | 25 | ABS/ESP |
| F34 | 200 | Start Battery |

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| --- | --- | --- |
| **S/N** | **Ampere (A)** | **Component or Circuit Protected** |
| F35 | 70 | C-EPS |
| F36 | 70 | Instrument panel distribution box |
| F37 | / | Reserved |

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|  | **Label of instrument panel fuse box** |



**Fuse**

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| --- | --- | --- |
| **S/N** | **Ampere (A)** | **Component or Circuit Protected** |
| 1 | / | Reserved |
| 2 | 30 | All-in-one controller |
| 3 | 10 | A/C |

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| --- | --- | --- |
| **S/N** | **Ampere (A)** | **Component or Circuit Protected** |
| 4 | 25 | Door lock |
| 5 | 5 | Brake light |
| 6 | 5 | Constant power supply for module |
| 7 | 20 | Reserved constant power supply (if any) |
| 8 | / | Reserved |
| 9 | / | Reserved |
| 10 | / | Reserved |
| 11 | / | Reserved |
| 12 | 15 | DLC |
| 13 | 15 | HOST MACHINE |
| 14 | / | Reserved |
| 15 | 30 | Left EPB |
| 16 | 30 | Right EPB |
| 17 | 5 | PAD rotary motor |
| 18 | 15 | Radio |
| 19 | / | Reserved |
| 20 | / | Reserved |
| 21 | / | Reserved |
| 22 | 7.5 | Steering shaft lock |
| 23 | / | Reserved |
| 24 | 5 | ABS/ESP |
| 25 | 5 | EPS |
| 26 | 10 | SRS |
| 27 | 20 | Front left window |
| 28 | 7.5 | Module IG1 |
| 29 | / | Reserved |

|  |  |  |
| --- | --- | --- |
| **S/N** | **Ampere (A)** | **Component or Circuit Protected** |
| 30 | / | Reserved |
| 31 | / | Reserved |
| 32 | 20 | Front right window |
| 33 | 20 | Rear left window |
| 34 | 20 | Rear right window |
| 35 | 15 | Front passenger's seat heating / driver's seat ventilation |
| 36 | 5 | Steering shaft lock |
| 37 | 5 | Switch set |
| 38 | 5 | EPB |
| 39 | 5 | Multimedia system |
| 40 | / | Reserved |
| 41 | / | Reserved |
| 42 | / | Reserved |
| 43 | / | Reserved |
| 44 | / | Reserved |
| 45 | 5 | USB |
| 46 | 15 | Backup power supply |
| 47 | 20 | Reserved ACC (if any) |

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| **When Failure Occurs** | 7 |  |

7. When Failure Occurs

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[Intelligent Key Battery Runs Out 200](#_Toc45880201)

[Emergency Shutdown System 201](#_Toc45880202)

[Rescue after Vehicle Fire 201](#_Toc45880203)

[Rescue after Vehicle Collision 202](#_Toc45880204)

[Towing of Vehicle 203](#_Toc45880205)

[Flat Tire 204](#_Toc45880206)

**7-1 When Failure Occurs**

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| **WARM TIP** |
| ● If the vehicle needs to be stopped in emergency, please wear the reflective vest equipped with the vehicle in time. |

7-1 When Failure Occurs

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| Intelligent Key Battery Runs Out |

If the vehicle cannot be started by the intelligent key and the indicator on the intelligent key does not flash, the intelligent key battery may be about to run out. Carry the intelligent key to BYD authorized service provider for replacing the battery as soon as possible. In this case, you may start the vehicle in no power mode.

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| **CAUTION** |
| ● Do not put the key in a high-temperature area.  ● Do not pat key with hard matters or fling it.  ● Put the key far away from magnetic field.  ● When the vehicle enters the anti-theft mode with doors locked, if you do not use the vehicle, please keep the key far away from the vehicle because the LV battery power will be consumed as the vehicle performs the automatic key locating function. |

1. Unlock the vehicle by using a mechanical key.

2. Depress the brake pedal and press the START/STOP button, and then the intelligent key position indicator on the instrument will illuminate and the buzzer in the vehicle will buzz once.

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| 3. Put the intelligent key close to the no power icon of the center console glove box as shown in the figure (configuration 1) within 30s after the buzzer sounds, and then the buzzer will sound once again and the intelligent key system warning light will go out, indicating that the vehicle can be started. |  |
| ● The keyless induction antenna is at the bottom of the central armrest storage box. With the key placed in the box, the vehicle can be started (configuration 2). | |

4. Start the vehicle within 5s after the buzzer sounds again.

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| Emergency Shutdown System |

■ If the following conditions are met, the emergency shutdown system will be activated and the HV system will shut down automatically:

● Any air bag fails to deploy after a front collision.

● Some rear collisions occur.

● Some vehicle system faults occur.

■ If any of the above-mentioned collision and vehicle system fault occur, the driving ready indicator (i.e. the "OK" indicator) will go out.

■ The risk of leading to injury or unexpected event can be minimized as the emergency shutdown system can be activated after the occurrence of above-mentioned collisions. Once the emergency shutdown system is activated, the vehicle system could not be switched to the ready state. In this case, contact a BYD authorized service provider. The system will shut down immediately even if the power switch is shifted to the ready state. In this case, contact a BYD authorized service provider as soon as possible.

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| Rescue after Vehicle Fire |

If your vehicle catches fire, operate the vehicle continuously as per the following methods and based on actual conditions:

1. Set the vehicle power to the OFF mode and disconnect the battery in the front compartment if conditions are permitted.

2. On condition that personal safety can be guaranteed, if the vehicle fire is small and spreads slowly, put out the fire with a dry powder fire extinguisher and make a call for help at once.

3. If the vehicle fire is fierce and spreads rapidly, keep away from the vehicle without delay and wait for rescue.

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| **CAUTION** |
| ● Be sure to wear insulating gloves when disassembling the vehicle. Put out fires with specified types of fire extinguishers. Attempt to extinguish fire with water or incorrect fire extinguishers may cause electric shock.  ● If any objects (e.g. interior trims, glass, etc.) fly from the vehicle under other special conditions, keep away from the vehicle and immediately notify a BYD authorized service provider to come to the spot for treatment. |

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| Rescue after Vehicle Collision |

If your vehicle suffers collision, operate the vehicle as per the following methods:

1. Set the vehicle power to the OFF mode and disconnect the battery in the front compartment if conditions permit.

2. Carry out simple inspection and check whether the edge of power battery tray is cracked and whether there is visible liquid flowing out if conditions permit.

■ In case of a little leakage, keep the vehicle away from source of ignition. Adsorb the leaking fluid with a fluid adsorption cushion and put the cushion into an enclosed container or burn the cushion. Be sure to wear corrosion protection gloves before operation. In case of plenty of leakage, collect the leaking fluid and treat it as dangerous chemicals. The toxic gas HF can be treated by adding calcium gluconate solution.

■ If any part of human body contacts with the leaking fluid, immediately wash the contacted part with plenty of water for 10~15 min. If the sufferer feels pain, apply 2.5% calcium gluconate ointment onto the contacted part, or dip the contacted part into 2~2.5% calcium gluconate solution to relieve pain. If these methods fail to relive pain or any uncomfortable signs and symptoms appear, seek medical attention at once.

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| **WARNING** |
| ● Do not touch the fluid leaking out. Keep away from the leaking vehicle or power battery.  ● Do not discard the leaking fluid into water, soil and other environments at will.  ● The vehicle system applies high voltage direct current. The system will produce a lot of heat before and after starting the vehicle and when the vehicle is powered off. Pay attention to the effect of high voltage and high temperature.  ● Do not disassemble, move or change HV battery components and connection wires, because the connector can cause serious burn or electric shock and may possibly lead to personal injury or even death. Connection wires in orange color are HV wiring harness. The user is not allowed to maintain and repair the vehicle's HV system. If any maintenance or repair is needed, drive your vehicle to a BYD authorized service provider.  ● The intelligent key for remote control of the electric vehicle and the vehicle's HV components may affect and injure any person carrying medical devices. |

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| Towing of Vehicle |

If towing of the vehicle is necessary, contact a BYD authorized service provider or a professional towing service provider or an organization providing roadside rescue service that you have joined.

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| **WARNING** |
| ● Never ask other vehicles to tow your vehicle only by using ropes or iron chains. |

Suggested towing method:

■ Flatbed device

● When the vehicle malfunctions and needs to be towed, a flatbed tow truck is the best option because leaving a single front or rear wheel on the ground can cause damage to high voltage components.

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|  | **Towing hook** |

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

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| **WARM TIP** |
| ● It is not recommended to tow your vehicle by using a towing hook. You'd better contact a professional towing service provider or the organization providing roadside rescue service that you have joined.  ● Only the towing hook delivered with the vehicle can be used. Otherwise, your vehicle will be damaged. Do not tow the vehicle at its tail with all four wheels on the ground; otherwise, your vehicle will be damaged. |

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| Flat Tire |

■ Be sure to gradually slow down the vehicle and keep the vehicle running in a straight line. Drive the vehicle away from the crowded traffic to a safe place. Avoid stopping the vehicle on the central fork of an expressway.

■ Pull up the EPB switch or depress the parking brake pedal and press the "P" button.

■ Power off the vehicle and turn on the hazard warning lights.

■ Be sure to have all passengers get off the vehicle and ask them to go to a safe place away from crowded traffic.

■ To prevent the vehicle from slipping, place a stopper block under the tire in diagonal direction of the flat tire.

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| **CAUTION** |
| ● Do not continue to drive the vehicle with flat tires. Even if the vehicle runs for a short distance, the tires will be damaged to an irreparable extent. |

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|  | **Tools delivered with the vehicle** |

■ Store the tools delivered with the vehicle in the trunk. The onboard toolkit contains warning triangles, trailer hook, reflective vest, tire repair kit, etc.

■ Be sure to get familiar with the operating methods of tools delivered with the vehicle and know where they are placed when DIY repair is needed in emergency cases.

**Placing warning triangle**

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| **WARM TIP** |
| ● When you park and repair your vehicle on a public road, remember to place a warning triangle 100 ~ 200 m behind your vehicle, with its red side facing the heading direction to warn the following vehicle drivers and prevent the occurrence of any dangerous condition. After repair, take back the warning triangle for use in the future. |

The warning triangle is used to warn the following vehicle drivers and prevent the occurrence of any dangerous condition due to overspeed or failure of the following vehicles in braking timely and any collision with the front vehicle that is parked or being repaired.

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| Method for using the warning triangle:  1. Take all pieces of the warning triangle out of the packing box.  2. Assembly these pieces into an enclosed triangle.  3. Release the support of warning triangle to its working state, as shown in the figure. |  |

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|  | **Automatic tire puncture sealant** |

■ Tire puncture sealant can seal small cuts, especially those in the tread pattern. Repairing a tire with tire puncture sealant is only an emergency solution that enables you to drive to a nearest maintenance center; even if the tire does not leak, only short-distance driving is allowed in an emergency condition.

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| **WARNING** |
| ● tire puncture sealant kit can be used to repair tread pattern holes with the diameter not more than 6 mm. If the diameter of such a hole is more than 6 mm or the hole is at other location of the tire, do not use tire puncture sealant, but call for roadside assistance.  ● tire puncture sealant is highly flammable and harmful to health. When it is used, open flame and smoking is prohibited. Prevent the tire puncture sealant from contacting with skin, eyes and clothing. Keep it in a place away from children and do not inhale its vapor.  **In case of contact with tire puncture sealant**  ● If the tire puncture sealant comes into contact with the skin or eyes, immediately wash the affected part with plenty of water thoroughly.  ● Immediately replace contaminated clothing.  ● If you have an allergic reaction, seek medical attention immediately.  ● If tire puncture sealant is swallowed, immediately rinse the month thoroughly and drink plenty of water, do not induce vomiting; seek medical attention immediately. |

■ For details of how to use tire puncture sealant, please refer to the instruction manual of automatic inflating tire puncture sealant or scan the QR code in the instruction manual to view the operation video.

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| **WARM TIP** |
| ● Repairing a damaged tire with tire puncture sealant is an emergency solution only. Please replace the tire in a professional maintenance center as soon as possible (it is recommended that you contact a BYD authorized service provider) and tell a maintenance technician that the tire has tire puncture sealant inside.  ● Avoid quick acceleration or turning at a high speed.  ● Follow the limit requirement of maximum vehicle speed of 80km/h. Do not drive the vehicle continuously if any strong vibration, unstable driving performance or noise is found when the vehicle is running.  ● Replace the tire puncture sealant that is about to expire with new one (see the label on the tire puncture sealant can for the specific expiration date).  ● After repairing a tire with tire puncture sealant kit, it is recommended that you purchase new tire puncture sealant from a BYD authorized service provider. |

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| **Vehicle Specifications** | 8 |  |

8. Vehicle Specifications

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8-1 Data Information

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| Vehicle Parameters |

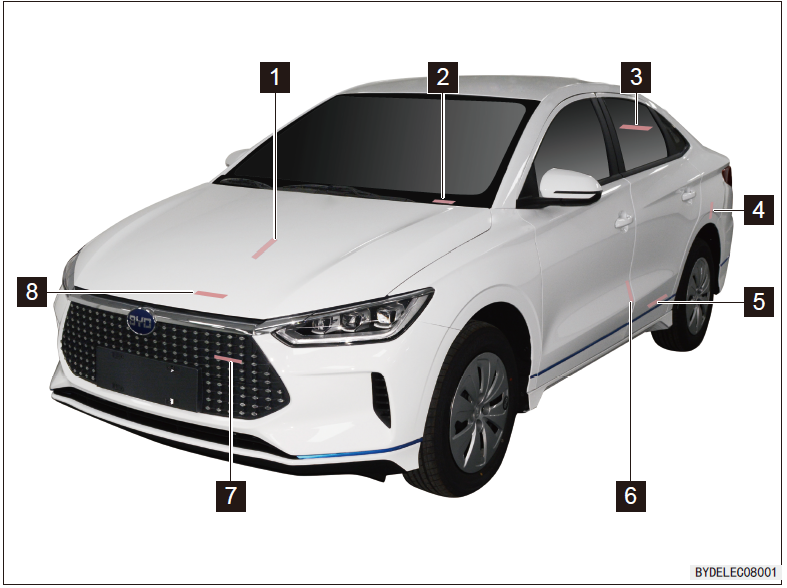
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| --- | --- | --- | --- | --- | --- | --- |
| **Product model/name** | | | BYD700  2BEVA | BYD700  2BEVA1 | BYD700  2BEVA2 | BYD700  2BEVA3 |
| **Overall dimensions (mm)** | | **L×W×H** | 4450X1760X1520 | | | |
| **Tread (mm)** | | **Front / rear** | 1490/1470 | | | |
| **Wheelbase (mm)** | | | 2610 | | | |
| **Front / rear overhang (mm)** | | | 870/970 | | | |
| **Weight**  **(kg)** | **Curb weight** | | 1255 | | 1330 | |
| **Axle load** | **Front axle** | 740 | | 755 | |
| **Rear axle** | 515 | | 575 | |
| **Maximum allowable gross weight** | | 1630 | | 1705 | |
| **Axle load** | **Front axle** | 845 | | 855 | |
| **Rear axle** | 785 | | 850 | |
| **Tire** | **Specification** | | 205/60R16 | | | |
| **Tire pressure (kPa)** | | 220;250 | | | |
| **Wheel alignment parameters**  **(Under curb weight)** | **Front wheel camber** | | -0.283°±0.75° | | | |
| **Toe-in angle of front wheel** | | 0.625±0.875mm (0.0583°±0.0814°) | | | |
| **Total toe-in of front wheel** | | 1.25±1.75mm (0.1164°±0.1631°) | | | |
| **King pin inclination angle** | | 12°±0.75° | | | |
| **King pin caster angle** | | 2.6°±0.75° | | | |
| **Rear wheel camber** | | -0.6°±0.5° | | | |
| **Toe-in angle of rear wheel** | | 0.55±1.5mm (0.0511°±0.1397°) | | | |
| **Total toe-in of rear wheel** | | 1.1±3mm (0.1025°±0.2794°) | | | |

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| **Dynamic balance requirement for wheel (g)** | ≤10 | | | |
| **Free travel of brake pedal (mm)** | ≤6 | | | |
| **Number of allowable passengers** | 5 | | | |
| **Approach angle/departure angle (°)** | 16/18 | | | |
| **Maximum design speed (km/h)** | 130 | | | |
| **Maximum gradeability (%) in EV mode** | 25 | | | |
| **Drive motor model** | BYD- 1814-TZ- XS-A | BYD- 1814TZ- XS-B | BYD- 1814-TZ- XS-A | BYD- 1814TZ- XS-B |
| **Type of power battery** | NMC | | | |
| **Rated capacity of power battery (Ah)** | 105 | | 135 | |
| **Rated power / speed / torque of drive motor (kW / rpm / N•m)** | 35/4775/70 | | | |
| **Peak power / speed / torque of drive motor (kW / rpm / N•m)** | 70/12100  /180 | 100/12100  /180 | 70/12100  /180 | 100/12100  /180 |
| **Drive type** | 4X2 | | | |
| **Brake friction pair parameters (mm)** | Front brake disc: about 23-25  Rear brake disc: about 8-10  Front brake pad: about 2-10  Rear brake pad: about 2-9 | | | |
| Notes:  1. Actual power consumption is related to such factors as vehicle conditions, road conditions and driving habit.  2. The vehicle body width excludes the width of exterior rearview mirrors. | | | | |

8-2 Prompt Information

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| Vehicle Identification |

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|  | **Vehicle Identification Number (VIN)** |



1: pasted on the transmission housing

2: pasted at the lower left corner of front windshield

3: pasted on the sheet metal of trunk lid

4: pasted on the rear left brake drum

5: pasted on the rear left door sill

6: pasted to the sheet metal surface of the inner pillar of front left door

7: pasted on the front anti-collision beam

8: pasted on the sheet metal surface of front compartment hatch

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| 9: inscribed below the front passenger's seat |  |

Note: You may connect a VDS to the vehicle, select the vehicle model and read the VIN on the right upper corner. For details, please refer to the VDS manual.

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|  | **Vehicle nameplate** |

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| The vehicle nameplate is located below the outer panel of the right B-pillar and contains the following information:  ■ Company name  ■ Brand  ■ Country of manufacture  ■ Vehicle model  ■ Seating capacity  ■ Year and month of manufacture  ■ Peak power of drive motor  ■ Drive motor model  ■ Rated capacity of power battery system  ■ Rated voltage of power battery system  ■ Maximum allowable gross weight  ■ VIN |  |
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|  | **Drive motor model and number** |

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| The drive motor model and number are inscribed at the front middle position on the drive motor housing. |  |

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| Warning Labels |

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| The label for the A/C system air filter is pasted on the inner surface of glove box. |  |
| The warning label for charging port is pasted on the middle part of the inner side of AC charging port. |  |

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| The labels for child safety locks are inscribed on the sheet metal surfaces of the rear doors (symmetrical on left and right sides). |  |
| The warning label for air bag is hot-stamped on the right sun visor. |  |
| The labels for the front compartment hatch mounted battery and A/C are pasted on the lower cover plastic part. |  |

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| Microwave Window |

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| The electronic vehicle identification microwave window is located at the right upper side of the front windshield. |  |

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| **CAUTION** |
| ● Paste the electronic vehicle identification to an area without overlapping the glass frame or any other object. |

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| ABS | 防抱死制动装置 | AVH | 自动驻车 |
| CDP | 减速度控制系统 | ECO | 经济模式 |
| ECU | 电子控制单元 | ELR | 安全带紧急锁止 |
| EPB | 电子驻车 | ESP | 电子车身稳定装置 |
| HBA | 液压制动辅助系统 | HHC | 坡起辅助系统 |
| HDC | 陡坡缓降系统 | ISOFIX | 儿童安全座椅固定系统 |
| MAX | 最大刻度线 | MIN | 最小刻度线 |
| SOC | 电量百分比 | SPORT | 运动模式 |
| SRS | 安全气囊 | TCS | 牵引力控制系统 |
| VDC | 车身动态控制系统 | VIN | 车辆识别代码 |
| VTOL | 车对排插放电 | VTOV | 车对车放电 |