



Superb skills & honest hearts

BYD

Superior and Sincere Services

BYD sincere service brand was established in 2006, adhering to the service concept of “Superb Skills & Honest Hearts” from all BYD after-sales staff.

In the article “A Famous Doctor with Superbe Skills & Honest Hearts”, Sun Simiao, a famous doctor in Tang Dynasty, discussed two issues concerning medical ethics: the first is “Superb”, that is, a doctor should have superb medical skills and must learn medical knowledge extraordinary and diligently. The second is “Sincere”, that is, a doctor should have a noble moral, and a sincere heart to regard one’s distress as his. BYD after-sales staff have introduced the concept of “Superb Skills & Honest Hearts” from Sun Simiao into the automobile after-sales field and defined “Professional & Sincere” as BYD sincere service brand with the brand features as below:

- Professional & High-quality
- Diligent & Focus
- Passionate & Sincere
- Active & Care

BYD sincere service firmly believes that the exquisite service technologies come from professional, diligent, and sincere service attitudes, responsibilities and intentions. We are always committed to providing a high level of after-sales services for BYD Auto users and their cars.

Foreword

Welcome to use BYD passenger car; please read the manual carefully to help you normally use and maintain your car.

Special note: It is strongly recommended to choose genuine spare parts and use, maintain and repair your car in accordance with the requirements in the manual. For any car that is replaced and modified with non-original spare parts, its performance may be affected, especially for safety and durability; and the resulted damage and performance problems will be beyond the warranty. In addition, any modification for your car may not be consistent with national laws and regulations and local government regulations.

Thank you for choosing BYD passenger car; welcome your comments and suggestions. In order to ensure better services for you, please be sure to provide your accurate contact information. If there is any change, please contact BYD Auto Authorized Service Station to update it in the system. At the same time, please pay attention to relevant national laws and regulations and local policies and regulations, and register your car as soon as possible; otherwise, there may be a risk of register rejection.

In the manual, the positions marked with “Tips”, “Notes” and “Warnings” must be followed carefully, to avoid any injury or damage. The representations and usages of various reminding information types are as follows:

Tip

It refers to any item that must be followed for ease maintenance.

Note

It refers to any item to prevent any injury or damage.

Warning

It refers to any item to prevent any injury.



The safety mark shown on the left indicates “Not Do It” or “Not Allow Its Occurrence”.

The manual is used to help you use the product correctly and does not represent any description of the configuration and software version of the product. For product configurations and software versions, please consult the contract associated with the product (if any) or consult your vendor.

To inquire for the power battery recycling network, please access the official website of BYD Auto:

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

For detailed product usage instructions, please follow “BYD Fans Club” on WeChat, or scan the following small program QR code.



201906 version

BYD Auto Industry Co., Ltd. All rights reserved

Any part or all of the manual cannot be reproduced or copied without the written permission of BYD Auto Industry Co., Ltd.

All copyrights are reserved

Overview of BYD S1 EV passenger car

BYD S1 EV car is a new energy, new power and pure electric passenger vehicle, and is an environmentally friendly product strived by BYD. The body is a load-bearing type, the stringer is front-and-back through type, and the power battery pack is integrated with the body to fully guarantee the safety of the battery pack and the car.

Since BYD S1 EV car is driven by a motor under various operating conditions, it has completely achieved zero emissions in terms of environmental protection.

The car is completely driven under pure electric power conditions, so the noise inside and outside the car is extremely small, which can provide users with driving and riding experiences that the fuel-driven car cannot achieve.

The safety of the high-voltage system is fully considered in the design process of the car, and the safety of the passengers in the car can be fully protected in case of any collision.

The battery management unit can be used to monitor the power battery at all times, and adjust the power output from each battery unit based on various performance indexes, such as voltage and current, to prevent a series of faults affecting battery performance, such as overcharge, overdischarge, and overtemperature, and so as to ensure the battery operation under normal conditions.

The 120kW motor or 70kW motor can provide high speed and high torque for S1 EV to realize powerful startup and acceleration performance.

	Picture Index	Search by illustration
1	Safety	Make sure to read this section carefully
2	Dashboard	How to read various meters, warning lights, indicators, and etc.
3	Controller operation	Opening and closing of doors and windows adjustment before driving, and etc.
4	Use and drive	Necessary driving operations and suggestions
5	Interior devices	Use of interior devices, etc.
6	Maintenance	Car maintenance steps
7	In case of a fault	Countermeasures in case of a fault or emergency
8	Vehicle specifications	Vehicle specifications, customized functions, etc.
	Index	Alphabet index

Superior and Sincere Services	1
Foreword.....	2
Overview of BYD S1 EV passenger car ...	4

1 Safety

1-1 Seatbelt.....	18
Introduction to the seatbelt	18
Use of seatbelt.....	20
1-2 Airbag system.....	23
Introduction to the airbag system	23
Driver and front passenger airbags	24
Front passenger seat side airbag (if fitted).....	27
Side curtain airbag (if fitted).....	28
Airbag triggering conditions and notes	29
1-3 Child restraint device	35
Child restraint device	35
Installation of child restraint device.....	36
1-4 Anti-theft system	40
Anti-theft system	40

2 Dashboard

2-1 Dashboard	42
Dashboard view	42
Indicator/ warning indicator.....	43

3 Controller Operations

3-1 Key and door.....	54
------------------------------	-----------

Key	54
Lock/unlock the door	57
Smart access and start system	61
Child lock.....	65

3-2 Seat.....66

Front seat adjustment	66
Rear seat folding	68
Headrest.....	69

3-3 Steering wheel.....70

Steering wheel adjustment.....	70
--------------------------------	----

3-4 Switch.....71

Light switch	71
Wiper switch.....	77
Front left door switch assembly	81
Passenger window control switch	84
Emergency warning indicator switch...	85
Lighting adjustment switch group.....	85
Mode switch group	86
Steering wheel switch group	87
Sunroof switch (if fitted).....	95
B-call/E-call switch(if fitted)	97
Indoor light switch	98

4 Use and drive

4-1 Charge device.....103

Charge instructions	103
Charge method	107
Smart charge function.....	112
Charging port electric lock control function.....	112

4-2 Battery	116
Power battery.....	116
Battery	119
4-3 Use essentials.....	121
Running-in period	121
Trailer towing	121
How to save the power and extend the service life of your car	122
Carry the luggage	124
Fire prevention.....	125
4-4 Start and drive	127
Start	127
Remote start function	130
Gear actuator.....	131
Electronic parking	132
Driving essentials.....	136
4-5 Use of driver assistance functions	139
Cruise control (if fitted).....	139
Panoramic image system (if fitted) ...	142
Parking image system (if fitted)	144
Parking assist system (if fitted)	148
Driving safety system.....	153
Low speed sound system (AVAS) (if fitted).....	157
Tire pressure monitoring.....	159
4-6 Other main function descriptions	163
Exterior rearview mirror defroster	163
Interior rearview mirror (if fitted)	165
Wiper	166
Snow chain	168

5 Interior devices

5-1 Multimedia and radio	170
Multimedia operation panel	170
Radio operation panel	172
5-2 Air conditioning.....	173
A/C panel (if fitted)	173
A/C operation panel (if fitted)	174
A/C operation panel and interface (if fitted)	175
Function definition	176
Air vent.....	180
Purifying system (if fitted).....	181
5-3 Storage device	184
Right storage box	184
Mobile phone slot.....	184
Cup holder.....	184
Central storage box.....	185
Card slot.....	185
Front central armrest storage box.....	185
Rear storage box.....	186
5-4 Other interior device	187
Sunvisor	187
Safety handle	188
Front row USB/charging port	188
Rear charging port (if fitted)	189
12V standby power supply	189

6 Maintenance

6-1 Maintenance instructions 192

Maintenance cycle and content 192

6-2 Regular maintenance 198

Regular maintenance..... 198

Car corrosion protection 198

Painted surface maintenance tips 199

Clean the car 200

Clean the inside of the car 202

6-3 Auto-mantenimiento..... 205

Notes about self-maintenance 205

Front hatch..... 208

Cooling system 209

Scrubber 210

Braking system 211

Wiper blade..... 211

Air conditioning system..... 213

Tire..... 214

Fuse..... 217

7 In case of a fault

7-1 In case of a fault..... 226

Emergency shutdown system..... 226

Car fire rescue 227

Rescue in event of a vehicle impact
..... 227

Tire deflation229

Use the spare wheel231

If the car needs to be towed.....238

8 Vehicle specifications

8-1 Data information.....242

Vehicle parameters242

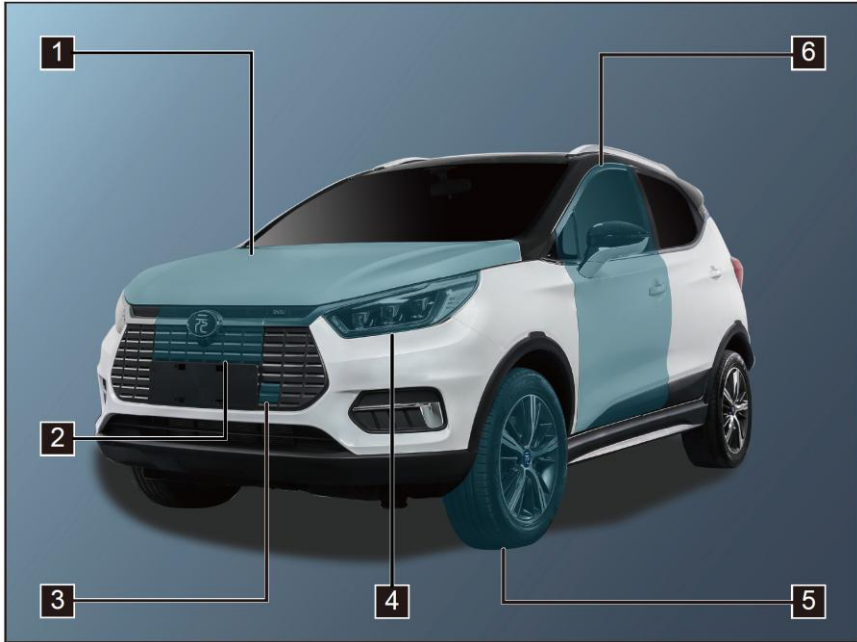
8-2 Tips.....245

Vehicle identification number245

Warning label248

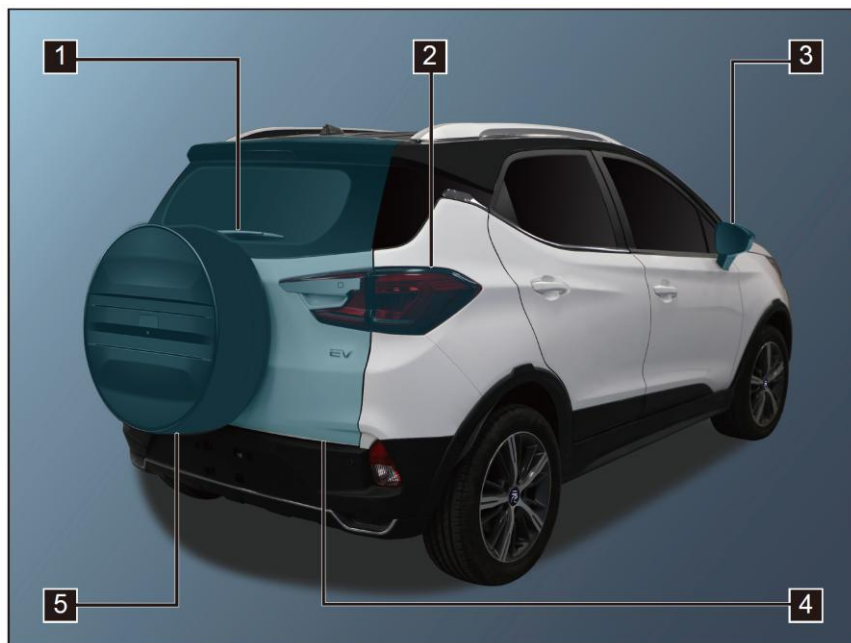
Microwave windoww249

■ Outside



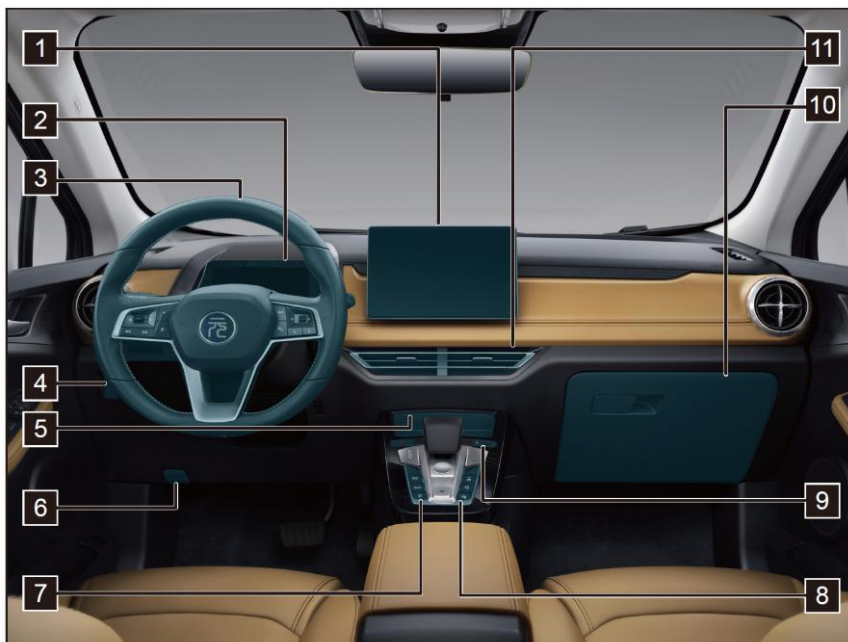
1	Front hatch.....	P208
	Cooling system	P209
	Scrubber	P210
	Braking system	P211
	Front cabin fuse box	P217
2	Charging port cap	P99
3	Traction holes	P238
4	Combination lights	P71
5	Tires.....	P214
	Snow chains	P168
	In case of a tire deflation	P229

6 Doors	P57
Locking/unlocking operation	P57



1	Rear wiper	P166
2	Combination lights	P71
3	Electric rearview mirrors	P163
	Lens adjustment	P163
4	Back door.....	P58
	Carrying luggage	P124
	Attached tools	P229
5	Replacement of the spare wheel	P233

■ **Dashboard**



1	Multimedia display screen	P170
2	Combination instrument.....	P42
3	Steering wheel	P70
	Steering wheel adjustment	P70
	Steering wheel switch assembly.....	P83
	Cruise control (if fitted)	P139
4	Lighting adjustment switch group	P85
	Headlight adjustment switch	P85
	Mileage adjustment switch	P85
5	Central control storage box	P185
6	Front hatch opening handle	P208

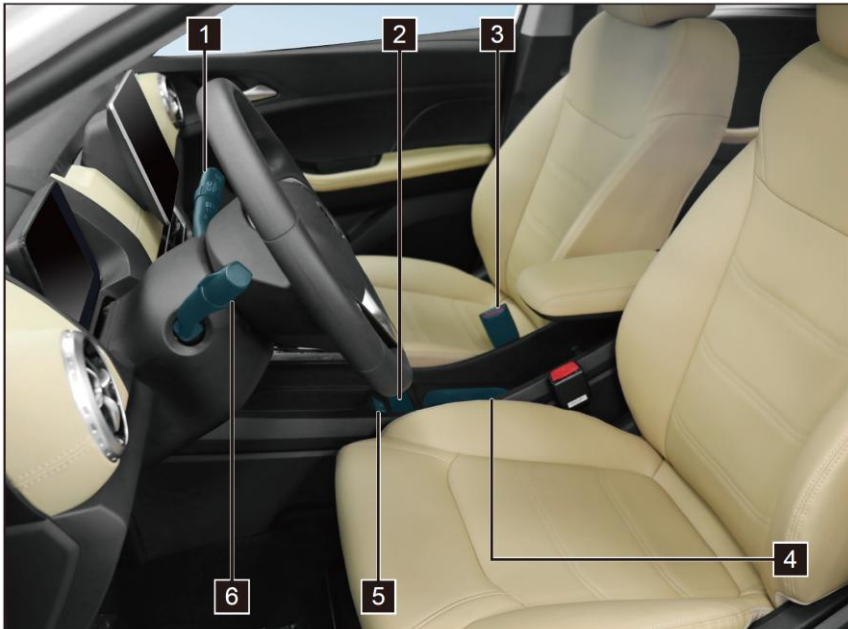
7	Mode switch group.....	P86
	Economy mode button.....	P86
	Sport mode button	P86
	Snow mode button.....	P86
8	A/C panel buttons	P173
9	Volume knob/Audio OFF/Reboot multimedia button	P170
10	Right storage box.....	P184
11	Air vent.....	P180
	Central air outlet	P180
	Left/right air outlets	P180

■ **Inside**



1	Indoor light/sunroof switch (if fitted)	P98/95
2	Interior rearview mirror.....	P165
	Manual anti-glare interior rearview mirror (if fitted)	P165
3	Front left door switch assembly	P81
	Central control door lock.....	P83
	Power window switch.....	P81
	Exterior rearview mirror electric adjustment/folding switch.....	P84
4	Emergency warning indicator switch	P85
5	Charging cap opening switch	P107
6	Front central armrest storage box	P185

7	Front seats.....	P66
	Seat adjustment.....	P67
8	Passenger window control switch.....	P84
9	Gear actuator.....	P131
10	Sunvisor.....	P187
	Makeup mirror (if fitted)	P187



1	Wiper switch	P77/79
	Front and rear windshield wipers.....	P77/79
	Front windshield scrubber	P77/79
	Rear windshield wiper and scrubber	P78/80
2	Mobile phone tray	P184

3	Seat belt buckle	P20
4	Cup holder	P184
5	Front row USB/charging port	P188
6	Light switch	P71/73
	Turning on position light	P71/74
	Turning on the low beam	P72/74
	Turning on the overtaking lights	P72/74
	Turning on the high beam.....	P72/74
	Turning on the turn signal	P73/75

Safety 1

1-1 Seatbelt	18
Introduction to the seatbelt	18
Use of seatbelt.....	20
1-2 Airbag system.....	23
Introduction to the airbag system	23
Driver and front passenger airbags	24
Front passenger seat side airbag (if fitted).....	27
Side curtain airbag (if fitted)	28
Airbag triggering conditions and notes	29
1-3 Child restraint device	35
Child restraint device	35
Installation of child restraint device	36
1-4 Anti-theft system	40
Anti-theft system.....	40

Introduction to the seatbelt

Many studies have shown that the correct use of seatbelts can effectively reduce the casualties of passengers in the car in case of emergency braking, sudden steering or collision accident. Please carefully read and strictly observe the following contents.

Note

- Before driving, ensure that all the passengers in the car have correctly fastened the seatbelts; otherwise, the passengers in the car are more susceptible to serious physical injuries or even death in case of emergency braking or collision.
 - The seatbelts in the car are mainly designed on base of the size of the adult and are not suitable for children; please choose the appropriate child restraint device based on the ages and sizes of the children.
 - If a seatbelt is damaged or abnormal, it is recommended to contact BYD Auto Authorized Service Station for confirmation and disposal immediately, do not use the corresponding seat before confirmation.
-
- Based on the special statement from BYD, the driver and passengers in the car must wear the seatbelts in any time; otherwise, it may increase the possibility of injuries or serious injuries in case of an accident.
 - The seatbelts provided for the car are designed especially for adults; please choose the appropriate seatbelts based on the actual conditions.
 - Any child must sit in the rear seats and wear the seatbelt for protection. Based on accident statistics, a child who uses a child restraint device correctly in the rear seat is safer than one seated in the front seat.
 - Do not allow a child to stand or kneel in the rear seat. In case of an emergency braking or collision, an unprotected child may be seriously injured or even death; likewise, do not allow a child to sit on their laps, to avoid inadequate protection for the child in case of an emergency braking or collision.

Seatbelt emergency locking (ELR) function

- In case of a sharp turn, emergency braking or collision, when the passenger body leans forward quickly, the seatbelt will be locked automatically to achieve effective restraint and protection for the passenger; when the car is driven smoothly, the seatbelt will be pulled out slowly and steady with the passenger movement, to ensure free movement of the passenger.
- If the seatbelt cannot be pulled out from the retractor, tighten and release the seatbelt to smoothly pull it out from the retractor.

Seatbelt automatic locking (ALR) function (if fitted)

The seatbelt automatic locking (ALR) function can be used to secure the child restraint device. Pull out the seatbelt completely to activate the locking function. After the locking function is activated, the seatbelt can only be retracted and cannot be pulled out, and a continuous "Click" sound will be sent when the seatbelt is retracted. After the seatbelt is completely retracted, the automatic locking function will be closed automatically, and the seatbelt can be pulled out and retracted freely. If the seatbelt cannot be pulled out from the retractor, simply pull out the seatbelt a little and release it to smoothly pull the seatbelt out from the retractor.



Tip

- When the child restraint device is fixed with the seatbelt automatic locking (ALR) function, please confirm that the automatic locking function is activated.
- Pull out the seatbelt completely to activate the automatic locking function; at the time, the seatbelt can only be retracted and cannot be pulled out, and a continuous "Click" sound will be sent when the seatbelt is retracted.

Seatbelt preload limiting function (if fitted)

In case of a serious frontal collision and when the triggering conditions of the preloading device are met, a part of the seatbelt can be quickly retracted and locked with the preloading device to enhance the protection for the passenger. The preload limiting device can limit the restraining force of the seatbelt to the passenger body to a certain extent, to avoid damage to the passenger due to excessive restraining force.

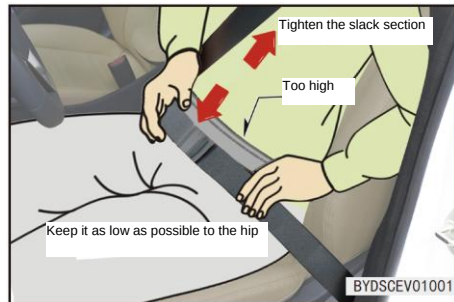
Use of seatbelt

1. Adjust the seat to the proper position and adjust the backrest to the proper angle. (See the seat adjustment method)

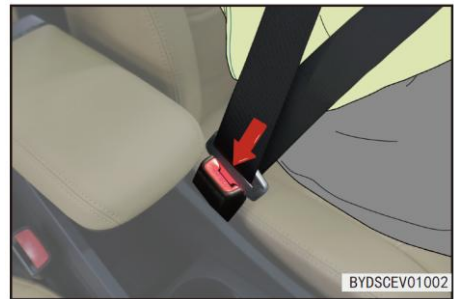
2. Adjust the three-point seatbelt position.

- Pull the seatbelt out smoothly, so that it can cross the shoulder near the seatbelt pulling-out position and the chest; the seatbelt should not cross under the arm or the back of the neck.

- Keep your waist belt as low as possible to your hip; do not buckle the belt at the waist.



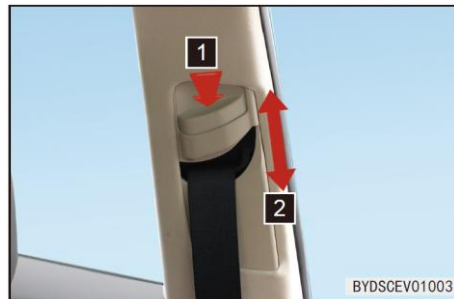
3. Insert the latch into the buckle until a click is heard, and pull the latch in the opposite direction to confirm that the seatbelt is locked successfully. Note that the seatbelt cannot be twisted.



4. Adjust the seatbelt height adjuster (front row) to the appropriate position for optimum comfort and protection.

- 1 Press the seatbelt height adjuster to release the button.

- 2 Hold the height adjuster and move it up and down to adjust the front seatbelt to the appropriate height and release the seatbelt height adjuster.



5. After the adjustment is completed, pull the shoulder belt firmly to confirm that the seatbelt height adjuster is locked.

i Tip

- The shoulder belt should cross the middle of the shoulder. The seatbelt should be away from the neck and cannot easily slip off from the shoulder; otherwise, the seatbelt will not perform its proper protection and even a serious injury may occur in case of an emergency braking or accident.
- The waist belt should be as low as possible to across the hip to avoid any injury when the abdomen is tightened by the seatbelt excessively.
- The seatbelt should be in close contact with the body for better protection.

Unlocking of seatbelt

When the red unlocking button on the buckle is pressed, the latch will be popped out and the seatbelt will be retracted automatically.

**i Tip**

- When the seatbelt is unlocked, hold the latch with one hand and press the red unlocking button on the buckle with the other hand, the seatbelt will be retracted automatically.
- Do not insert coins, paper clips or any other foreign objects in the buckle to avoid effect on the correct connection between the latch and the buckle.
- The seatbelt must be kept clean and dry; if it needs to be cleaned, neutral soapy water or warm water should be used. Do not use bleach, dye or abrasive cleaner, which may seriously impair the performance of the seatbelt.

** Note**

- At the same time, the seatbelt can only be used for one single passenger; do not share one seatbelt for two or more passengers, even for children.
- Avoid excessive tilting of the seat backrest. When the seat backrest is upright, the seatbelt can provide the best protection.
- Do not pinch the seatbelt, latch or buckle in the door; otherwise the seatbelt may be damaged.
- Regularly check the seatbelt for cutting traces, wear, looseness or any other abnormality. In any case of an abnormality, please contact BYD Auto Authorized Service Station for confirmation and handling immediately; do not use the appropriate seat before confirmation.
- Do not remove, disassemble or modify the seatbelt without permission.
- It is recommended to check the seatbelt at BYD Auto Authorized Service Station in any case of an accident. If the preloading function is activated, the seatbelt must be replaced.
- In case of a serious accident, even if there is no any obvious damage of seatbelt or seat, they should be replaced together.
- The pregnant women should also wear the seatbelts with the correct method; especially, the waist belt should across the hip as far as possible to be low, to avoid serious injuries of the pregnant women and the fetus due to excessive tightening of the waist belt in case of an accident.

Introduction to the airbag system

- The airbag system is a part of the auxiliary restraint system and is used for supplementary for the seat and the seatbelt. The airbag system can provide additional protection for the heads and chests of the passengers and the driver in case of a serious frontal collision, so as to reduce the casualties.
- Based on the types of collision, the airbag system includes generally front airbag and side airbag. The front airbag includes the driver airbag and the front passenger airbag, and the side airbag includes the front seat side airbag and the curtain airbag.
- The airbag system is not a substitute for the seatbelt, and it is an integral part of the entire passive safety system in the car.
- The airbag system should be operated together with the seatbelt to maximize the protection of the airbag system. Therefore, in order to ensure the safety of you and your family, please pay special attention to “Notes” and “Tips” in the section.

Tip

- Please always wear the seatbelts during driving process.
- Please maintain the correct sitting attitude to maximize the protection of the seatbelt and the airbag system.
- Do not allow a child to sit in the front passenger seat.
- Do not disassemble the airbag without permission.
- The use of the seat covers other than our genuine products may result in performance reduce of the airbags or accidental injuries. Do not place any item between the side airbag and the passenger.
- Do not apply an excessive force on the side of the seat with the side airbag.

Driver and front passenger airbags



If your car is equipped with the auxiliary protection device (SRS AIRBAG) of front airbags, including the driver airbag and the front passenger airbag, when the airbag trigger condition is met in case of a medium to severe frontal collision, the airbags will be triggered to protect the heads and chests of the driver and the front passenger and reduce the injuries.

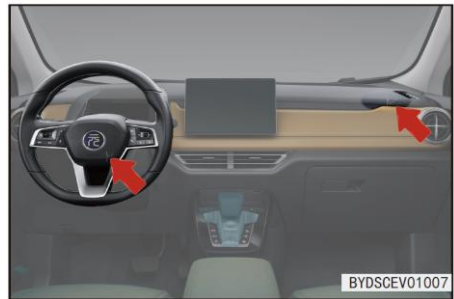
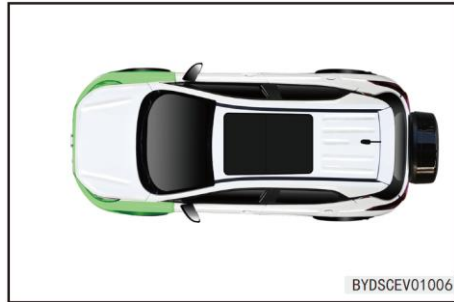
Front airbag triggering process

- In case of a moderate to severe frontal collision, the sensor can sense rapid deceleration and send a signal to the control unit to trigger the front airbags immediately.
- In case of a frontal collision, the seatbelt can hold your lower body and torso to keep you in place. The airbag is equivalent to an air cushion to stabilize and protect your head and chest.
- When the severity of the collision is not up to the critical value to trigger the airbag, the seatbelt will provide the primary protection function, and the airbag will only provide a minimal auxiliary protection.

- The front airbag will be deflated immediately after inflation, without affecting the sight of driver and the ability to operate the steering wheel or other control devices.
- The airbags can be triggered quickly in several milliseconds, to provide additional protection for the driver and the passengers in case of an accident.
- When the airbag is triggered, it will send a loud noise but generally will not cause any injury (but it does not exclude the possibility of damage the hearings, which will be recovered quickly).
- After a collision, there will be a smoke, which is the powder from the airbag surface. Although the powder is non-toxic, a passenger with a respiratory illness may still feel some temporary discomfort.

It is recommended to contact BYD Auto Authorized Service Station immediately in following cases:

1. The airbag is inflated.
2. An accident in front of the car (Shown green area) failed to trigger SRS airbag.
3. The front passenger airbag cover is scratched, cracked, or damaged.



4. The airbag indicator  on the dashboard is turned on abnormally.
- The airbag system is monitored by an electronic control unit and has a self-diagnostic function, and the system status is displayed with the airbag warning indicator on the dashboard.
 - After the power supply is in “OK” position, the airbag warning indicator will be turned on and last about 5s, and then turned off and last for more than 5s, it indicates that the system is operated normally.
 - If the airbag is turned off, the warning indicator will be always on, but it will not have any protection function.

** Note**

The following cases indicate that the airbag system is faulty:

- When the power supply is in “OK” position, the warning indicator cannot be turned on.
- After the power supply is in “OK” position, the warning indicator cannot be turned off after 5 seconds or cannot be turned off but turned on again.
- When the power switch is in “OFF” position, the warning indicator will be turned on.
- The warning indicator will be turned on or flash during driving process. In case of a malfunction, it is recommended to check and repair your car as soon as possible at BYD Auto Authorized Service Station.

Front passenger seat side airbag (if fitted)

If your car is equipped with the driver and front passenger side airbags (as shown on the right figure, the airbag is arranged on the outside of the driver and front passenger seat backrests and marked with "SRS SIDE AIRBAG"). During driving, when the airbag system ECU senses a moderate to severe side collision and the airbag triggering conditions are met, the airbags will be triggered to protect the chests of the occupant on the collision side to reduce the injury.



Seat side airbag triggering process

- In case of a side impact, generally only the airbag on the collision side can be triggered.
- If the collision occurs on the front passenger side, the front passenger airbag will be triggered even if the front passenger seat is not occupied.
- In order to obtain the best protection from the seat side airbag, the occupant must correctly wear the seatbelt, maintain the upright sitting attitude and be against the seat backrest.

Tip

- Do not allow the water to wet the seat backrest. If the backrest is wetted, it may interfere with the normal operation of the side airbag system.
- Do not cover or replace the seat backrest cover without consulting with BYD Auto Authorized Service Station. Any inappropriate seat backrest cover replacements or coverings may interfere with the triggering of the seat side airbag in case of a collision.

Side curtain airbag (if fitted)



If your car is equipped with a left curtain airbag and a right curtain airbag (as shown above, the airbag is installed at the connection between the side panel and the roof and marked with “SRS AIRBAG Air Curtain” on the A-pillar guard, B-pillar guard and C-pillar guard.)

- When the airbag system ECU senses a moderate to severe side collision and the airbag triggering conditions are met during driving process, the airbag will be triggered to protect the head of the occupant on the collision side to reduce the injury.
- In case of a side impact, generally only the airbag on the collision side can be triggered.
- In order to obtain the best protection from the seat side airbag, the occupant must correctly wear the seatbelt, maintain the upright sitting attitude and be against the seat backrest.

Airbag triggering conditions and notes

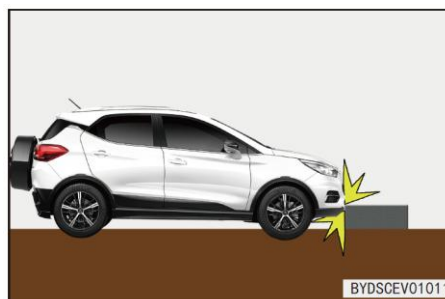
- The airbag triggering conditions are as follows: The decisive factor of the airbag triggering in case of a collision is related to the collision energy, the type of accident, the collision angle, the obstacle and the driving speed; in case of a special collision, the airbag system may be triggered.
- The airbag is not triggered in case of any accident; it will not be triggered generally in case of a minor frontal collision, rear collision or rollover. In these cases, the driver and the passengers wearing the seatbelts normally can be protected normally.
- Decisive factor for the airbag triggering: It will be produced in case of a collision and the deceleration curve obtained by the electronic control unit (ECU) and the set value will be compared and judged comprehensively and intelligently; if the signals such as the deceleration curve generated and detected in the collision is lower than the relevant reference value preset in ECU, the airbag will not be triggered, even if the car is severely deformed in the accident.
- In the settings of ECU of BYD airbag system, the common misuses and road conditions have been fully taken into account. However, due to various causes and forms of collision, for your safety, please strictly follow the user manual and drive your car correctly, to avoid any misuse; otherwise the airbag will not achieve the desired functions.

Cases when the airbag may be triggered (if fitted)

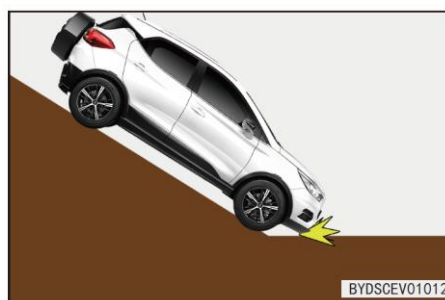
When a car across a deeper groove and the front of the car collided the ground.



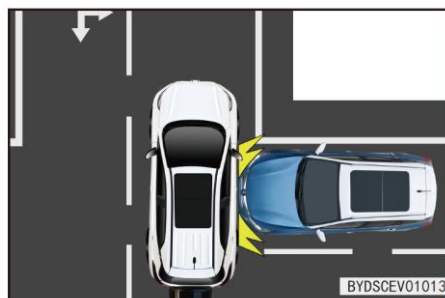
When a car collides any bump or stone on the road side.



When the front of the car collides the ground on a steep slope.



When a car is hit on its side by other cars.

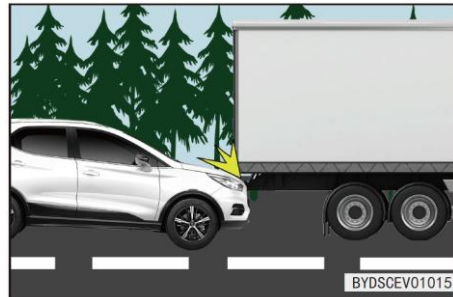


Cases when the airbag may not be triggered (if fitted)

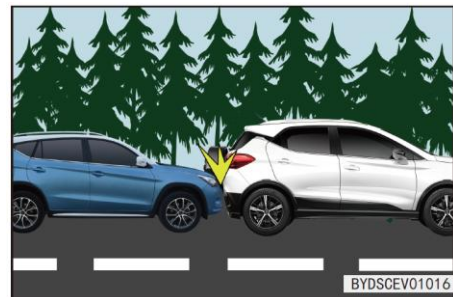
When a car collides a concrete pillar, tree or other slender object.



Underrun into a large truck.



When the rear of a car is hit by other cars.



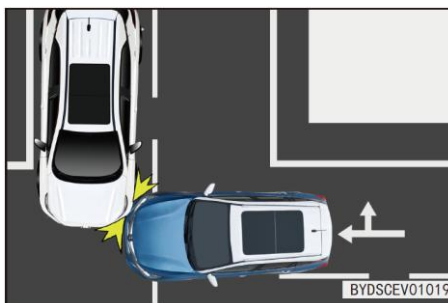
When a car rolls.



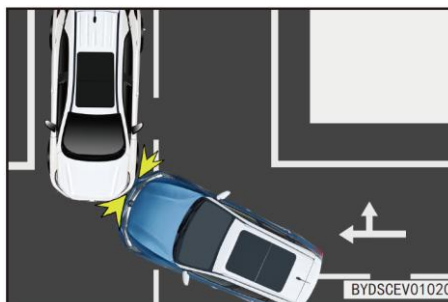
When the non-frontal of a car collides a wall or any other car.



When any car position other than the passenger compartment is hit on a side.



When a side of car is hit in an oblique direction.



When a side of car collides a column-like object.



Warning

- The airbag is developed for the specific model; any changes in suspension, tire size, bumper, chassis and other original device may adversely affect the airbag system. Any part of the airbag system cannot be used in other models; otherwise it may cause the airbag system fault and cause injuries
- Please fasten your seatbelt and keep your correct sitting attitude during driving process. If you do not wear a seatbelt, your body leans forward or you are seated incorrectly during driving process, the risk of injury may be increased when the airbag system is triggered in case of an accident.
- The driver chest wheel should be at least 25cm away from the steering wheel during driving process, to provide the driver with the most effective protection when the airbag system is triggered.
- Do not stick or cover any item or make any other decorative treatment on the steering wheel cover surface, the surface near the airbag on the right side of the dashboard, the surfaces of A, B, and C-pillar upper guards, and the surfaces near the knee airbag guard and the seat side airbag accessories. The airbag can be cleaned only with a dry or slightly wetted cloth and cannot be hit hard.
- An unprotected child or a child held by an adult cannot sit in the front passenger seat. Otherwise, when the airbag is triggered in case of an accident, it may cause serious injury or even death.
- There should be no other passenger, animal or object within the action range of the driver and front passenger airbags. It is very dangerous for the child held by an adult seated in the front passenger seat.
- Any accessory, such as telephone holder, cup holder and ashtray, must not be installed on the airbag cover or within its action range; otherwise the risk of injury will be increased when the airbag is triggered in case of an accident.
- The side airbag and the side air curtain are triggered at a high speed and the impact force is large, so anyone cannot lean against the door in the car equipped with the airbag during driving process; otherwise it may cause serious injury or even death.
- Do not place any other trim or item with the action range of the side curtain, such as windshield, side door glass, A-pillar guard, roof, B-pillar guard, C-pillar guard and auxiliary handle; when the side curtain is triggered, the trim or item may be thrown with the impact force from the side air curtain, or the side air curtain may not be triggered normally, resulting in serious injury or even death.
- Do not change any component of the airbag system, including any corresponding label. Any operation of the airbag must be performed by BYD Auto Authorized Service Station.
- The airbag can only provide one-time accident protection. Once the airbag is triggered or damaged, the airbag system must be replaced.

** Warning (continued)**

- From the date of manufacture (the date of manufacture marked in the car certificate), please be sure to replace the airbag system within 10 years; the replacement work should be performed by BYD Auto Authorized Service Station. If you have replaced one part of the airbag system before the date, please keep the relevant replacement record; when the car is transferred, please hand it over with all other documents to the new owner.
- When the car or the parts of airbag system are disposed, please observe the related safety regulations and disposal procedures.
- The airbag system has strong anti-interference and anti-disturbance abilities to anything around it. However, do not use the car in an electromagnetic environment beyond the state permission range to avoid accidents.
- For the airbag system in the car, various misuses and common road conditions have been fully taken into account. However, do not cause serious collision of the bottom of the car or drive the car on harsh road conditions to avoid accidents.
- After a collision of the car, although the airbag module is not triggered and the pre-tensioned seatbelt is not locked, the airbag computer will be encrypted in order to protect the passengers from the high-voltage risk; it is recommended to contact BYD Auto Authorized Service Station for inspection.
- Please read the user manual carefully. If you want to transfer or dispose your car, please inform the new owner or the disposal organization that your car is equipped with airbag systems and advise them to read the manual carefully.
- After the airbag system is triggered, do not directly contact with the airbag module assembly (otherwise it may cause burns or physical discomfort); it is recommended to contact BYD Auto Authorized Service Station for disposal. Once the airbag system is triggered, a new one must be replaced in a timely manner.
- The front (side) airbag system is only triggered in case of a serious front (side) collision. That the airbag system is not triggered does not mean that there is a fault from the airbag system itself. Any improper repair or no repair of the damaged part on the car may affect the normal operation of the airbag system.
- Do not use any seat trim to cover the inflatable port of the side airbag; otherwise these trim may prevent the side airbags from normal deployment, resulting in serious injury or even death.
- Do not disassemble or repair A-pillar, roof, B-pillar, and C-pillar containing curtain airbags. These changes can cause the airbag system fault or accidental triggering of curtain airbags, resulting in serious injury or even death.
- The manufacturer will not be responsible for any direct or indirect losses from any damage caused by follow the above instructions.

Child restraint device

Choose a suitable child restraint device based on the age and size of your child.

Please choose a suitable child restraint device for your child. If your child has a too big size to use the child restraint device, the child should sit in one rear seat and wear the seatbelt normally.

Tip

- It is strongly recommended to use the child restraint device. Some studies have shown that it is safer to install the child restraint device in the rear seat than in the front seat; do not install the child restraint device in the front seat.
- The seatbelts in the car is mainly designed on base of the size of the adult and are not suitable for children; please choose the appropriate child restraint device based on the ages and sizes of the children.

When no child restraint device is used

Please normally secure the child restraint device in the seat; do not place it in the passenger seat or in the luggage compartment freely.

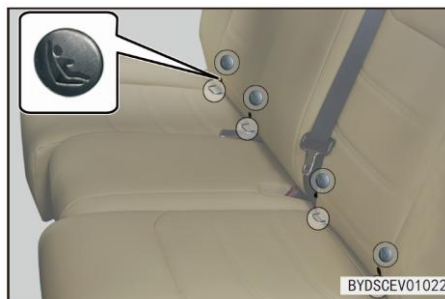
Notes:

- The seatbelt or the child restraint device must be used for restrain protection based on the child age and size, so as to provide effective protection for the child in case of accidents and emergency braking. Holding a child in arms is not a substitute for the role of the child restraint device. In case of an accident, the child may be hit with the windshield or be squeezed between you and the inside wall of the car.
- Do not install a rear-facing child restraint device in the front passenger seat; otherwise, the impact of rapid deployment of the front passenger airbag can cause serious injury or even death in case of an accident.
- In a car equipped with side airbags and side curtain airbags, even if a child is fixed in the child restraint device, do not allow his/her head, body or any part to lean against door, seat, front and rear pillars or the roof side beam (on deployment positions of the side airbag or side curtain airbag). Otherwise, when the side airbag or the side curtain airbag is triggered, the strong impact may cause serious injury or even death.

Installation of child restraint device

ISOFIX steel anchor (ISOFIX child restraint device)

A dedicated anchor rod is provided on the rear outer seats. (The label showing the anchor position is attached onto the seat)



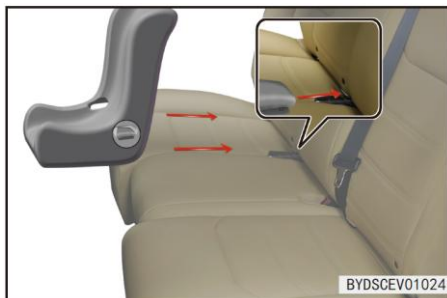
Fixed anchor holder (for top belt)

- An anchor holder is provided on the rear seat.
- If the child restraint device is equipped with a top belt, the top belt should be secured to the anchor holder.



Install the child restraint device with ISOFIX steel anchors

1. Check the position of the dedicated anchor and install the child restraint device into the seat.



i Tip

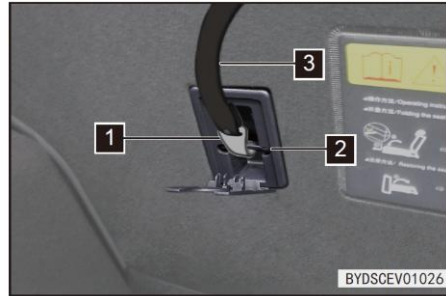
- The anchor rod is installed in the gap between the seat cushion and the seat backrest.

2. Lift up the head restraint, insert the top strap and grab of child seat between the head restraint rods, and wind them to the back of backrest.
3. Open the anchor holder cover.



4. Fasten the hook to the anchor holder and tighten the top seat to ensure its fastening.

- 1 Hook
- 2 Anchor holder
- 3 Top belt



- After the seat is installed, push/pull the child restraint device in different directions to ensure that it is securely installed.

! Warning

- When using the lower anchoring device, ensure that there is no foreign object around the anchoring device and that the seatbelt is not pinched behind the child restraint device, to ensure that the child restraint device is securely fastened. Otherwise, it may result in serious injury or even death in case of an emergency braking or accident.

- If the driver seat interferes with the correct installation of the child restraint device, install the child restraint device in the rear right seat.

- Do not use the rear-facing child restraint device (child restraint device) in the seat protected with the front airbag (activated); otherwise, the impact from rapid deployment of the front passenger airbag may cause a serious injury or even death in case of an accident.



Warning

- Do not allow the child to play with the seatbelt; otherwise it may cause serious injury or even death.

Information on the suitability of different seating positions for the child restraint device:

Mass group	Sitting position (other position)		
	Front passenger	Rear outer passenger	Rear middle passenger
Group 0 (less than 10kg)	X	U	X
Group 0+ (less than 13kg)	X	U	X
Group I (9kg ~ 18kg)	X	U/UF	X
Group II (15kg ~ 25kg)	X	UF	X
Group III (22kg ~ 36kg)	X	UF	X

Note: The letter meanings in the form are as below:

U= General child restraint device for the mass group certification

UF= Forward-facing general child restraint device for the mass group certification

X= Seat position that does not apply to the child restraint device of the mass group

Information on applicability of different ISOFIX positions for ISOFIX child restraint device

Mass group	Size	Anchor module	ISOFIX position in the car		
			Front passenger	Rear outer passenger	Rear middle passenger
Portable baby cot	F	ISO/L1	X	X	X
	G	ISO/L2	X	X	X
Group 0 (less than 10kg)	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 (9kg ~ 18kg)	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 device that do not conform to ISO/XX size category identification (A-G), the car manufacturer should specify the specific ISOFIX child restraint device recommended for each seating position for the applicable mass group.

Note 2: The letter meanings in the form are as below:

IUF= Forward-facing general ISOFIX child restraint device for the mass group certification

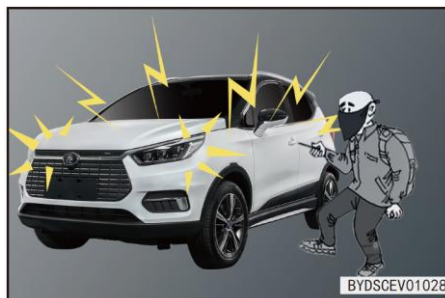
X= ISOFIX position that does not apply to ISOFIX child restraint device of the mass group and/or the size category

Anti-theft system

In order to prevent your car from theft, if any door is opened under anti-theft status, the system will send an alarm, and the turn signal will flash.

System settings

1. Turn the power supply switch to "OFF" position.
2. Let all passengers get off.
3. Lock all doors. When all doors are locked, the anti-theft indicator will be on and the anti-theft system will be set automatically after 10s.
4. After the automatic settings are performed, leave your car. Since the system can be activated by unlocking the door from the inside of the car, it is prohibited to stay in the car when setting the system.



Trigger alarm

- The system will send an alarm in following cases:
 - When the smart key access function is not used, but any door is unlocked or the front hatch is opened.
 - When the smart key activation function is not used but the car is powered up.

Cancel alarm

- The alarm can stop in the following ways:
 - Unlock the doors with the wireless remote control.
 - Unlock the doors with the micro switch.
 - Press "Start/Stop" button of the key in the car.
 - Remotely start the vehicle.

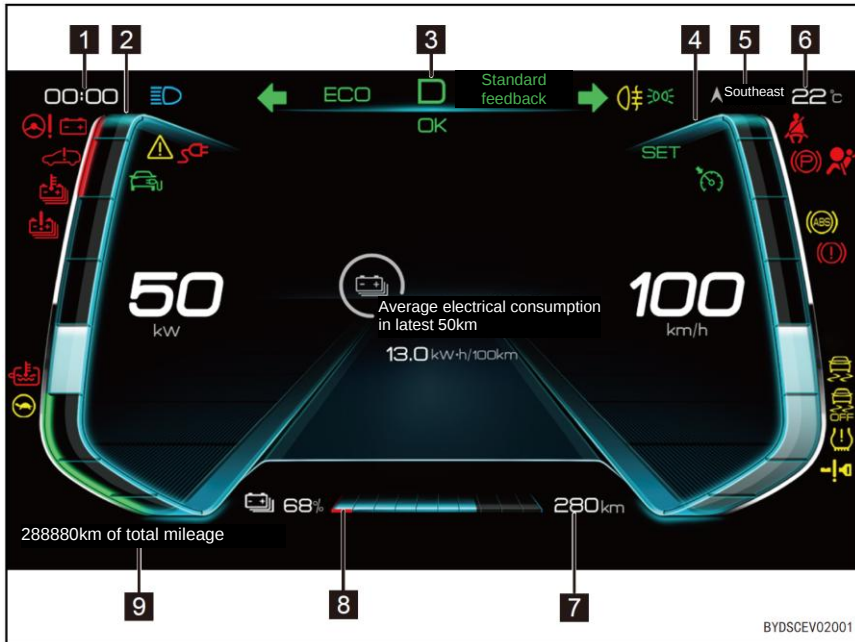
Note

- Do not modify the anti-theft system in modification or addition way. Such changes may result in the system fault.

Dashboard 2

2-1 Dashboard.....	42
Dashboard view.....	42
Indicator/ warning indicator	43

Dashboard view



1 Time

2 Power meter

3 Gear position

4 Speedometer

5 Orientation

6 Ambient temperature

7 Driving range

8 Electricity meter

9 Total travel mileage

BYDSCEV02001

Indicator/ warning indicator

	Turn indicator		Small light indicator
	High beam indicator		Rear fog light indicator
OK	OK indicator		Cruise control main indicator lamp
SET	Cruise control indicator	ECO	ECO indicator
	Discharge indicator (if fitted)		Smart key system warning indicator
	ABS fault warning indicator		Main alarm indicator
	ESP OFF warning indicator		ESP fault warning indicator
	Power battery low-voltage indicator		Tire pressure fault warning indicator
	Drive power limit warning indicator		Seatbelt indicator not-fastening
	SRS fault warning indicator		Steering system malfunction indicator lamp

	Electronic parking status indicator		Parking system fault warning indicator
	Power battery charge connection indicator		Charge system warning indicator
	Power battery overheat warning indicator		Power battery overheat warning indicator
	Power system fault warning indicator		Motor coolant temperature too-high warning indicator

Instruction to the indicators



Smart key system warning indicator

- Press “Start/Stop” button. If there is no electronic smart key at the time, the warning indicator will be turned on and held a few seconds, the buzzer will sound once, and “No Key Detected” will be displayed on the dashboard.
- If the electronic smart key is taken into the car within a few seconds when the warning indicator is on, the warning indicator will be turned off and the car can be powered up.
- If “Start/Stop” button is pressed with an electronic smart key, the warning indicator will not be turned on and the car can be powered up.
- If the warning indicator flashes after pressing “Start/Stop” button, it indicates that the key battery is low-voltage.



ABS fault warning indicator

- When the power supply is in “OK” position, the warning indicator will be turned on. If the anti-lock brake system is operated normally, the indicator will be turned on and then turned off after a few seconds. Thereafter, if the system is faulty, the indicator will be turned on again until the fault is eliminated.
- When ABS fault warning indicator is turned on (the parking brake fault warning indicator is turned off), the anti-lock brake system cannot be operated but the brake system can be operated normally.
- When ABS fault warning indicator is turned on (the parking brake fault warning indicator is turned off), the wheels will be locked during emergency braking or braking on a slippery road because the anti-lock braking system cannot be operated.
- In any of the following cases, it indicates that a component monitored with the warning indicator system is faulty, it is recommended to contact BYD Auto Authorized Service Station for inspection as soon as possible.
 - When the power supply is in “OK” position, the warning indicator will not be turned on or always on continuously.
 - The warning indicator will be turned on during driving process.
 - A short flashing of the warning indicator during operation does not indicate a fault.

Tip

- If the parking brake fault warning indicator is turned on and ABS fault warning indicator is still on, it is recommended to park the car in a safe place and contact BYD Auto Authorized Service Station immediately.
- ABS has a self-test function. In case of any fault, the anti-lock braking indicator on the dashboard will be turned on. It is recommended to contact BYD Auto Authorized Service Station for inspection as soon as possible.
 - If ABS (anti-lock brake system) indicator and the brake system indicator are turned on at the same time and the parking brake is fully released, it indicates that the front and rear wheel brake force distribution system is faulty. It is recommended to contact BYD Auto Authorized Service Station for inspection as soon as possible.
 - If the brake pedal is not operated normally as following, some measures must be taken immediately: the brake pedal is depressed deeper and the braking distance is longer. The car should be switched to the low-speed gear, to lower the driving speed and safely park it to the side of the road. The driving is very dangerous due to the long parking distance. It is recommended to park the car immediately and contact BYD Auto Authorized Service Station for inspection as soon as possible.

**ESP fault warning indicator**

- When the power supply is in "OK" position, the warning indicator will be turned on and turned off after a few seconds, which indicates that ESP system is operated normally. In case of a system fault, the warning indicator will be always on continuously until the system fault is eliminated.
- When ESP fault warning indicator flashes during driving process, it indicates that ESP system is operated normally.
- When ESP fault warning indicator is turned on (ABS fault warning indicator and parking brake fault warning indicator is turned off), ESP car stability control may be faulty, but the anti-lock braking system and the brake system will still be operated normally.
- When ESP fault warning indicator is turned on (ABS fault warning indicator and parking brake fault warning indicator are turned off), because the car stability control system is not operated, the car will be under very instable status during emergency turns and emergency avoidance of front obstacles.
- In any of the following cases, it indicates that a component monitored with the warning indicator system is faulty, it is recommended to contact BYD Auto Authorized Service Station for inspection as soon as possible.
 - When the power supply is in "OK" position, the warning indicator will not be turned on or be always on.
 - The warning indicator is always on during driving process.
 - A short flashing of the warning indicator during operation does not indicate a fault.

- During driving process, if the warning indicator flashes, it indicates that the system is operated normally.

Tip

- If ABS fault warning indicator and the brake system warning indicator are turned on, but ESP fault warning indicator is always on, it is recommended to park the car in a safe place and contact BYD Auto Authorized Service Station for inspection immediately.
- In this case, when the brake is applied, the car will extremely unstable and the car anti-lock control system will not be operated completely.



ESP OFF warning indicator

- When the power supply is in "OK" position, the warning indicator will be turned on and turned off after a few seconds.
- When "ESP OFF Switch" is pressed, the indicator will be always on and the stability control system will be not operated. When "ESP OFF Switch" is pressed again, the indicator will be turned off and the stability control system will be returned to the normal operation.

Tip

- If ESP OFF warning indicator is turned on, the car must be driven carefully at a low speed during emergency turns and avoiding sudden obstacles. In this case, when the brake is applied, ESP system function will not be operated, and the car will be under unstable status.



Drive power limit warning indicator

When the motor power is limited, the warning indicator will be turned on.



Tire pressure fault warning indicator

- When the power supply is in “OK” position, the warning indicator will be turned on. If the tire pressure monitoring system is operated normally, the warning indicator will be turned off after a few seconds. Thereafter, if the system is faulty, the warning indicator will be turned on again.
- When the tire pressure fault warning indicator is turned on or flashes, “Please check the tire pressure monitoring system” is displayed on the dashboard, and “---” value is displayed on the tire pressure display interface, it indicates that the tire pressure system is faulty.
- When the tire pressure fault warning indicator flashes rapidly and one or more values on the tire pressure display interface of the dashboard are red, it indicates that the corresponding tire is in a rapid leakage status.
- When the tire pressure fault warning indicator is always on and the one or more values on the tire pressure display interface of the dashboard are yellow, it indicates that the corresponding tire is under low- voltage status.

In any of the above cases, it is recommended to contact BYD Auto Authorized Service Station for inspection as soon as possible.



Seatbelt not-fastening indicator

The indicator is used to remind the driver and the passengers to fasten their seatbelts. When the power supply is in “OK” position, if the seatbelt is not fastened, the seatbelt not-fastening indicator will be turned on until the driver and the passengers fasten their seatbelts; otherwise the indicator will be always on.



SRS fault warning indicator

- When the power supply is in “OK” position, the warning indicator will be turned off after a few seconds of self-test, it indicates that the airbag system is operated normally. The warning indicator system is used to monitor the airbag ECU, collision sensor, inflator, warning indicators, wiring, and power supply.
- In any of the following cases, it indicates that a component monitored with the warning indicator system is faulty, it is recommended to contact BYD Auto Authorized Service Station for inspection as soon as possible.
 - When the power supply is in “OK” position, the warning indicator will not be turned on or be always on.
 - The warning indicator is turned on or flashes during driving process.

EPS fault warning indicator

EPS is equipped with a motor to reduce the force required to turn the steering wheel.

Tip

- When turning the steering wheel, the sound of the motor operation ("Buzzing") will be sent. This does not mean a fault.

In the following two cases, the steering system warning indicator is not turned on, but the steering feel is heavy, which does not mean a fault:

- When turning the steering wheel for a long time under parking status
 - If the steering wheel is turned for a long time under parking status, the performance of EPS will be reduced to prevent a heavy operation of the steering wheel due to the system overheating. In this case, do not turn the steering wheel frequently, must park the car and turn the power supply to "OFF" position, to return it to normal operation within 10min.
- When the battery is low-voltage
 - EPS minimum operation voltage is 9V. When the battery voltage is below 9V, EPS will not provide the steering assist. In this case, must check the battery conditions and charge or replace the battery if necessary.
 - If the power supply is returned to "OFF" position, EPS system may not provide the steering assist; therefore, do not return the power supply to "OFF" position during driving process. If the power supply is returned to "OFF" position during driving process, please hold the steering wheel, park the car in a safe place and contact BYD Auto Authorized Service Station for inspection immediately.

Warning

- If EPS fault warning indicator is turned on, it is recommended to park the car in a safe place and contact BYD Auto Authorized Service Station for inspection immediately. In this case, the steering operation will be very heavy and the steering wheel should be held during driving process.

**Parking system fault warning indicator**

When the power supply is in “OK” position, the indicator will be turned on under the following cases.

- When the brake fluid level is too low;
- When the parking brake is applied;
- When the vacuum pressure is faulty;
- When EBD (braking force distribution) is faulty;
- When the electronic parking brake (if fitted) is faulty;
- Others.....

During operation, if the warning indicator flashes, it does not indicate a fault.

** Tip**

- Do not continue the driving when the brake fluid level is too low.
- In any of the following cases, it is recommended to park the car in a safe place and contact BYD Auto Authorized Service Station.
 - When the power supply is in “OK” position, the indicator cannot be turned off even if the parking brake is released. In this case, the brake may not be applied normally and the parking distance will be too long. Depress the brake pedal hard to park the car.
 - When “ABS” warning indicator is turned on, the brake system warning indicator is still on. In this case, not only the anti-lock brake system cannot be operated, but also the brake system is also unstable, to require the careful driving.



Charge system warning indicator

- The indicator is used to indicate a charge system fault during the charge process.
- The indicator is used to indicate a discharge system fault during the discharge process.
- The indicator is used to indicate the operating status of DC module and battery module when the charge or discharge operation is not performed.
- If the indicator is turned on during driving process, there may be a fault from DC system or battery system. It is recommended to turn off the air conditioning, fan, radio, and etc. and drive the car directly to the nearest BYD Auto Authorized Service Station for repair.



Power battery overheat warning indicator

- If the indicator is turned on, it indicates that the power battery temperature is too high and should be parked for cooling.
- The power battery may be overheated under the following operating conditions, such as:
 - Long-time long-distance climbing under hot conditions.
 - Long-time intermittent driving, frequent acceleration and sudden braking, or long-period driving.



Power battery fault warning indicator

- When the power supply is in "OK" position, the warning indicator will be turned on. If the power battery system is operated normally, the indicator will be turned off after a few seconds. If the system is faulty, the indicator will be turned on again. It is recommended to contact BYD Auto Authorized Service Station for inspection immediately.
- In any of the following cases, it indicates that a component monitored with the warning indicator system is faulty, it is recommended to contact BYD Auto Authorized Service Station for inspection as soon as possible.
 - When the power supply is in "OK" position, the indicator will be always on.
 - If the indicator is always on or flashes during driving process.

**Power system fault warning indicator**

- If the power system is fault, the warning indicator will be turned on.
- In any of the following cases, it indicates that a component monitored with the warning indicator system is faulty, it is recommended to contact BYD Auto Authorized Service Station for inspection as soon as possible.
 - When the power supply is in “OK” position, the warning indicator will be always on continuously.
 - The warning indicator will be turned on during driving process.
- During operation, if the warning indicator flashes, it does not indicate a fault.

 Warning

- Do not drive the car when the warning indicator is turned on; it is recommended to contact BYD Auto Authorized Service Station for inspection as soon as possible.

**Motor coolant temperature too-high warning indicator**

- If this warning lamp turns on, it indicates over-high coolant temperature. Please immediately park the vehicle in a safe place to cool down the motor. It's recommended to contact a BYD Auto Authorized Service Station.

Controller Operations

3

3-1 Key and door	54
Key	54
Lock/unlock the door	57
Smart access and start system	61
Child lock.....	65
3-2 Seat.....	66
Front seat adjustment.....	66
Rear seat folding	68
Headrest	69
3-3 Steering wheel	70
Steering wheel adjustment	70
3-4 Switch.....	71
Light switch.....	71
Wiper switch	77
Front left door switch assembly.....	81
Passenger window control switch	84
Emergency warning indicator switch	85
Lighting adjustment switch group	85
Mode switch group	86
Steering wheel switch group	87
Sunroof switch (if fitted).....	95
B-call/E-call switch(if fitted)	97
Indoor light switch.....	98

Key

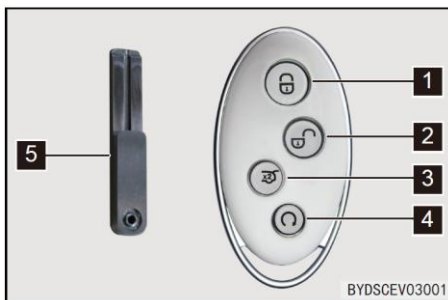
The key equipped for your car can be used to unlock/lock the doors and start the car. The keys include the smart key and the mechanical key (mounted in the smart key).

Electronic smart key

Electronic smart key – When the front left door micro switch (the black button on the outer handle) is pressed by the driver carrying the electronic smart key, all doors will be unlocked/locked; when the back door micro switch (the button on the right tail light trim) is pressed, the back door will be opened; the door unlocking/locking, back door opening or car finding can be performed remotely by pressing the button on the remote control key.

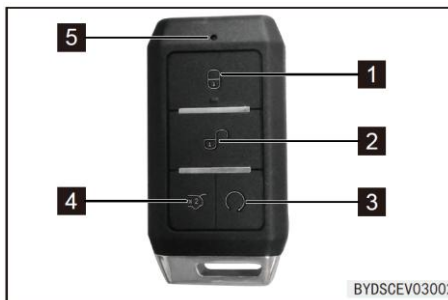
Configuration 1

- 1** “Lock” button
- 2** “Unlock” button
- 3** “Back Door Unlock” button
- 4** “Start/Stop” button
- 5** Mechanical key



Configuration 2

- 1** “Lock” button
- 2** “Unlock” button
- 3** “Start/Stop” button
- 4** “Back Door Unlock” button
- 5** Indicator lamp



Note

- The electronic smart key is an electronic component and the following instructions should be followed to prevent its damage:
 - Do not leave the keys at high temperature, such as on the dashboard exposed to the sun in summer.
 - Do not disassemble the keys without permission.
 - Do not strike other objects with the key or drop the key.
 - Do not immerse the key in water or wash it in an ultrasonic cleaner.
 - Do not put the smart key together with a device with electromagnetic waves, such as a mobile phone.
 - Do not attach any object (such as metal seals) that will affect the electromagnetic wave onto the smart key.
 - A spare key can be registered for the same car. For more details, please contact BYD Auto Authorized Service Station.
- If the electronic smart key cannot be used to operate the doors within the normal distance, or the indicator on the key cannot be turned on or be instable:
 - Check the surroundings for radio stations or radio transmitters that may interfere with the normal operation of the electronic smart key.
 - The battery power of the electronic smart key may be exhausted. Check the battery in the electronic smart key. If the battery is need for replacement, it is recommended to contact BYD Auto Authorized Service Station.
- If the electronic smart key is lost, it is recommended to contact BYD Auto Authorized Service Station as soon as possible, to avoid a theft or accident.
- Do not change the transmission frequency and increase the transmission power (including the addition of the transmission frequency amplifier); do not use the external test antenna or any other transmission test antenna.
- Do not cause harmful interference on various legal radio communication services when using the smart key; if any, must shut down its use immediately and take measures to eliminate the interference before its re-use.
- The micro power radio device must be used away from interference from various radio services or radiated interference from industrial, scientific and medical applications.
- Do not use the smart key near airplanes and airports.

⚠ Note (continued)

- Any person implanted with pacemaker or cardiac defibrillator should be away from the test antennas of the smart access and start system, as the electromagnetic wave can affect the normal use of such devices. Any user with other electronic medical devices should also consult the manufacturer for the use information under the influence of electromagnetic wave. The electromagnetic wave may have unknown consequences for the use of such medical devices.

Mechanical key

Mechanical key (In electronic intelligent key) - It can be used to unlock and lock the driver door. When it's not in use, ensure to place back the mechanical key and install the rear cover of electronic intelligent key or insert into the electronic intelligent key.

Configuration 1

1 Place your finger in the middle hole.

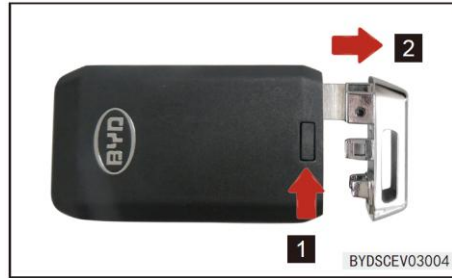
2 Open the back cover.

3 Remove the mechanical key



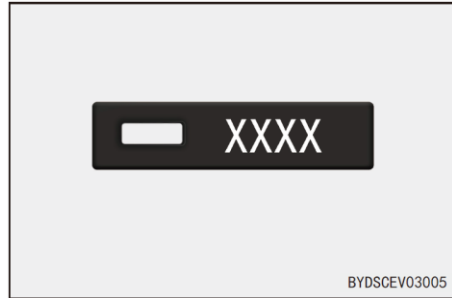
Configuration 2

To use the mechanical key in the electronic intelligent key, as shown in right diagram, push down the small block **1** on the electronic key and take out the mechanical key along the direction of arrow **2**.



Mechanical key number plate

- The mechanical key number should be indicated on the number plate. If the key is lost or spared, it is recommended to contact BYD Auto Authorized Service Station to copy it with the key number.



Tip

- Place the number plate in a safe place, such as a travel bag; do not put it in the car.
- It is recommended that the user records the key number and stores it in a safe place.

Lock/unlock the door

Mechanical key lock/unlock

Lock and unlock with a mechanical key

Insert the key into the lock hole and turn it.

- Unlock: Turn the key clockwise
- Lock: Turn the key counterclockwise



Smart key lock/unlock

- The wireless remote control is designed to unlock or lock all doors and perform additional functions within the range of about 20m.
- When the driver carrying the registered smart key enters the active area, if pressing “Unlock/Lock” button on the key slowly and firmly, all doors will be locked and unlocked.

Lock:

- If pressing “Lock” button; all doors will be locked at the same time. When all doors, the front hatch and the back door are closed, the exterior rearview mirrors will be folded (if fitted), and the turn signal will flash once.
- If any of the doors, the front hatch or the back door is not closed, the exterior rearview mirrors will not be folded (if fitted), the turn signal will not flash and the alarm will sound once.



Unlock:

- If pressing “Unlock” button, all doors will be unlocked at the same time, and the turn signal will flash twice.
- If the power supply is in “Start” position, the doors cannot be unlocked/locked with “Unlock” or “Lock” button.
- When unlocking all doors with an electronic smart key, even if any door is not opened, the indoor light may be turned on (it will be turned on when its switch is turned to “Door Control” position) and then turned off after 16s.
- After unlocking all doors with an electronic smart key, any door should be opened within 30s. Otherwise, all doors will be re-locked automatically.
- The four-door anti-pinch function is provided: If pressing and holding “Lock” or “Unlock” button, the lock or unlock function will not be repeated; only releasing and pressing “Lock” or “Unlock” button again, the function can be repeated. If pressing and holding “Lock” button, the four door glasses will be raised automatically.

Open the back door with the remote control key

If double-clicking “Back Door Unlock” button on the smart key, the back door will be opened and the turn signal will flash twice.

Car search operation

- When the car is under anti-theft status, if pressing “Lock” button, a beep will sound and the turn signal will flash 15 times. When you cannot confirm the position of your car, the specific position of your car can be searched with the function.
- When the car is under “Search” status, if pressing “Lock” button again, the next search status will be entered again.

Micro switch lock/unlock

Lock operation

- When the door is unlocked, if the driver carrying the valid smart key presses micro switch button on the outside door handle slowly and firmly. All doors will be locked at the same time, the exterior rearview mirrors will be folded (if fitted), and the turn signal will flash once.
 - When the power switch is in “non-OFF” position, the doors will not be locked by pressing the micro switch.



Unlock operation

- When the door is unlocked, if the driver carrying the valid smart key presses micro switch button on the outside door handle slowly and firmly. All doors will be unlocked, the exterior rearview mirrors will be unfolded (if fitted), and the turn signal will flash twice.
- After using the unlock function, any door can be opened within 30s. Otherwise, all doors will be re-locked automatically.
 - When the doors are unlocked with the smart access and start system, must check the doors for locking before pulling the door handle.

In the following cases, the doors will not be unlocked/ locked by pressing the micro switch button:

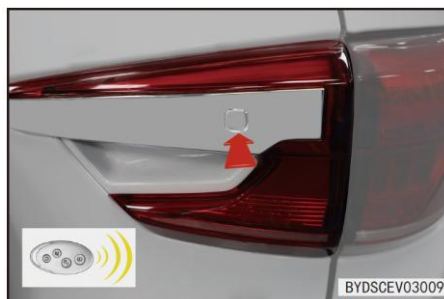
- When any door is opened or closed and at the same time the micro switch button is pressed.
- When the power switch is not turned off.
- When the power switch is in “OFF” position.
- When the key is left in the car.

Tip

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

Open the back door with the micro switch

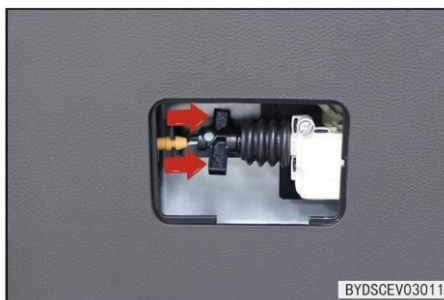
- The driver carrying the valid smart key should press the micro switch on the back door slowly and firmly to open the back door.

**Emergency unlock the back door**

1. Remove the back door lock cover access cover from the back door guard.



2. Toggle the unlock button to unlock the back door as shown.



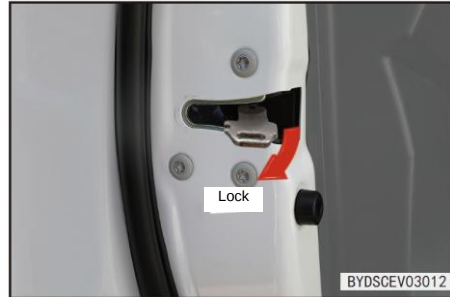
Lock/unlock the central door lock

Unlock and lock all doors with the central door lock switch

See “Front left Door Switch Assembly” in this chapter.

Emergency lock all doors with the mechanical key

- When the central control lock is faulty, please lock the front left door with the mechanical key, turn the emergency locking buttons of the other doors to the locking status with the key, and then close the doors; at the time, all doors will be locked and cannot be opened with the door handles.
- When the doors are unlocked, first unlock the front door with the mechanical key and enter the car, unlock other doors by operating the other inside door buttons, and then pull the outside door handles to open the doors.



Smart access and start system

Access and start functions

The driver carrying an electronic smart key can unlock or lock the doors and start the car.

Access function

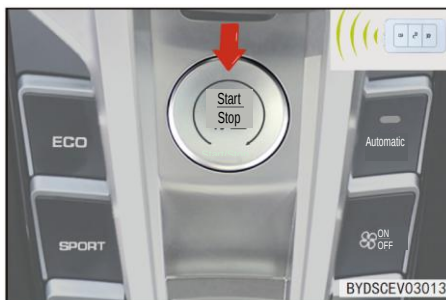
It can be used to unlock and lock the doors.

Start function

When the electronic smart key is in the car, it can be used to start and park the car.

If “Start/Stop” button is pressed, that the start function cannot be operated normally may be caused by the following reasons:

- If the smart key is not operated normally, the smart key battery may be exhausted and should be replaced as soon as possible.
- The car is started repeatedly within a short time. Wait for 10s and then start the car as possible.
- When the steering wheel is locked, press “Start/Stop” button and gently shake the steering wheel.



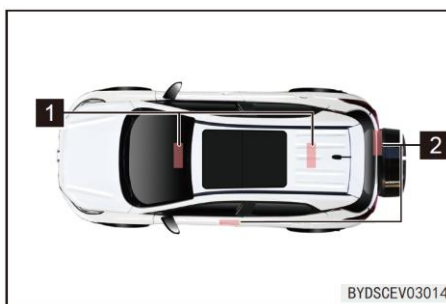
Note

- Do not touch “Start/Stop” button during driving process.

Antenna position

Test antenna position

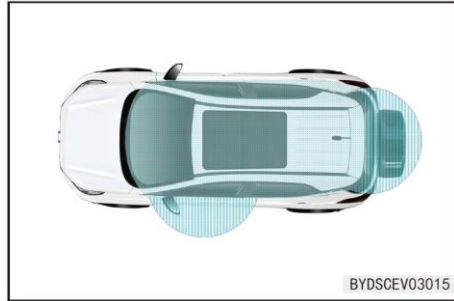
- 1** Test antenna located in the car
- 2** Test antenna located outside the car



Active area

Only when the registered smart key is in the active area, the smart access function and the one-key start function can be used.

- Enter the function activate area – within about 1m from the front outside door handle micro switches. If the electronic smart key is too close to the door handle or window, the access function may not be activated.



Tip

The smart access and start system may not be operated normally in the following cases:

- When there is any facility to release strong electromagnetic wave, such as TV tower, power station, and broadcasting station.
- When the smart key is carried with the communication device, such as a two-way radio communication device or a mobile phone.
- When the smart key is in contact with or covered by a metal object.
- When the micro switch is operated quickly.
- When the smart key is close to the door handle.
- When the wireless remote control function on another nearby car is operated.
- When the battery power is exhausted.
- The smart key is close to a high voltage device or a device that generates a noise.
- When the smart key is carried along with another car's smart access and start system key or any other device that generates a radio wave.
- Even in the active area, the smart key may not be operated normally due to the position of the smart key or the shape of the body.

- If the smart access and start system is not operated normally and cannot be placed in the car, the driver door can be unlocked and locked with the mechanical key in the electronic smart key.
- When the smart key for another car is close to the smart key of the car, the door unlocking time may be longer than the normal time.
- The exterior rearview mirror footlights and rear indoor lights will be turned on/off automatically based on the presence of the smart key, door unlocking/locking condition, door opening/closing status, and power supply positions.

If the smart key battery is exhausted

- If the electronic smart key indicator does not flash and the car cannot be started with the start function, the battery may be exhausted and should be replaced as soon as possible.
- When the car is started when the electronic smart key battery is low-voltage, must place the smart key close to the start button and press the start button.

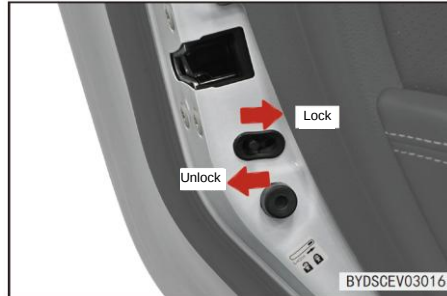
Save the battery power

Even if the car is not started, the key can be communicated with the car. Therefore, do not leave the key near the car (within the range of 2m).

- The smart access and start system can be reactivated with one of the following methods:
 - The driver carrying the electronic smart key presses the micro switch on the front outer door handle.
 - Perform the wireless remote operation.
- If the smart key receives strong electromagnetic waves for a long time, the battery power will be exhausted. The electronic smart key must be at least 1m away from the following devices:
 - TV
 - PC
 - Wireless phone charger
 - Lamp stand
 - Fluorescent table lamp
- If the smart access and start system is not operated normally due to any fault, it is recommended to bring all smart keys to BYD Auto Authorized Service Station for repair.

Child lock

- To prevent the child sitting in the rear seat from inadvertently opening the rear door, the car is equipped with a child lock, and the left and rear right doors are equipped with door child lock latches.
- When the latch is in “Lock” position, the door cannot be opened in the car. The door can be opened with the outside door handle.



Note

- Before driving, especially when there is a child in the car, ensure that the doors are closed and the child lock is locked.
- Proper use of the seatbelts and locking of the door can prevent the driver and passengers from being thrown out of the car in case of an accident. It also can prevent the doors from accidental opening.

Front seat adjustment

During driving process, all passengers in the car must maintain the seat backrest upward, their backs against the seat backrests and wear the seatbelts properly.

Warning

- Do not drive the car until all passengers are seated properly.
- Do not sit on the folded seat backrest, in the luggage compartment or on the luggage. Otherwise, In case of an emergency brake or a collision, any passenger who is not seated correctly in the seat or does not wear the seatbelt normally may be seriously injured.
- Do not allow the passenger to stand up or move between the seats during driving process. Otherwise, the passenger may be seriously injured in case of an emergency braking or a collision.

Notes on seat adjustment:

Adjust the driver's seat so that the foot pedal, the steering wheel and the dashboard controller are all within the easy control range of the driver.

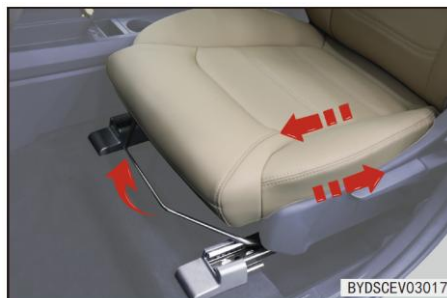
Tip

- The driver seat cannot be adjusted during driving process, so as to prevent the lose control of the car from its uncontrollable movement.
- When the seat is adjusted, it cannot hit any passenger or luggage.
- After the front and rear position of the seat is adjusted manually, must ensure that the seat is locked by moving it back and forth.
- After the seat backrest is adjusted, must lean back on the body to confirm that the seat backrest is locked.
- Do not place any object under the seat; otherwise, it may affect the seat lock mechanism or accidentally push the seat position adjustment lever upward, resulting in the sudden seat movement and the lose control of the car.
- When the seat is adjusted, do not put the hand under the seat or near the operating parts; otherwise the hand or fingers may be crushed.

Seat adjustment

1. Front and rear adjustment of the seat

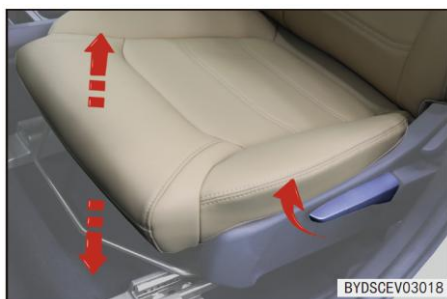
- Hold the middle of the adjustment handle and pull it up, then slide the seat back and forth to the desired position with a slight body pressure, and release the adjustment handle.
- After the front and rear position of the seat is adjusted, slide the seat back and forth to ensure that the slide lock sound is heard and the seat is locked in position.



2. Height adjustment mechanism handle

Pull up the height adjustment mechanism handle to adjust the seat to a comfortable height. (Note: The front passenger seat is not equipped with the height adjustment mechanism).

- Pull the height adjustment mechanism handle up to raise the seat, and press it down to lower the seat.



3. Backrest adjustment handle

Pull the handle up, tilt the seat backrest forward or backward to adjust it to the desired position and release the handle.



Note

- When the seat cushion depth is measured, the front and rear position of the seat is the limit positions of the slide rail, and the backrest has the design angle of 23°.

Rear seat folding

1. Remove the headrest in the middle of the rear seat (if fitted) and adjust the seat headrests on both sides of the rear seats to the lowest position.



2. Pull up the unlocking webbing on the rear right seat cushion and flip the seat cushion forward.
3. Pull up on the unlocking webbing on the back seat backrest and fold the backrest forward.

The left/rear right seats should be folded in the same way. The seats should be restored in the reverse of the above steps.



Tip

- Before folding the backrest, must remove the middle headrest and flip the seat cushion.
- When the seat cushion is restored, must press it down first to ensure that the seat cushion is locked in place.
- When the rear seats are folded and restored, please gently handle the seat backrest and seat cushion to avoid damage to the seatbelts on the rear seats and backrests or causing any fault.
- When the seats are restored, must place the seatbelts on both sides on the backrest and place the seatbelt buckles into the grooves on the seat cushions.

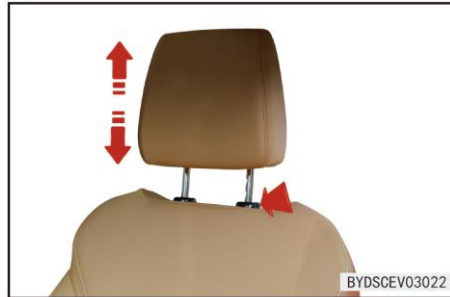
Headrest

Pull up the headrest

Pull the headrest up to the appropriate position along the headrest bar and release it when a lock sound is heard.

Lower the headrest

Press and hold the headrest height adjustment button to lower the headrest to the appropriate position, release the button, pull up the headrest a small amount and release it when a lock sound is heard.



Remove the headrest

Press and hold the headrest height adjustment button, remove the headrest, and release the button.

Install the headrest

Insert the headrest link into the bushing, press the headrest height adjustment button to lower the headrest to the appropriate position, release the button, pull up the headrest a small amount and release it after a lock sound is heard.

Tip

- The headrests are used to avoid the neck and head injuries of the driver and the passengers. When the center of the headrest is adjusted to the head position, it can provide maximum protection. For a tall passenger, the position of the headrest should be adjusted as high as possible.



Steering wheel adjustment

- To adjust the angle of the steering wheel, hold the steering wheel and perform the following operations:
 - Press the steering wheel adjustment handle down to tilt the steering wheel to the desired angle and return the handle to its original position.



i Tip

- Do not adjust the steering wheel during driving process; otherwise the car may be misoperated, resulting in an accident.
- After the steering wheel is adjusted, move it up and down to confirm that it is securely locked.

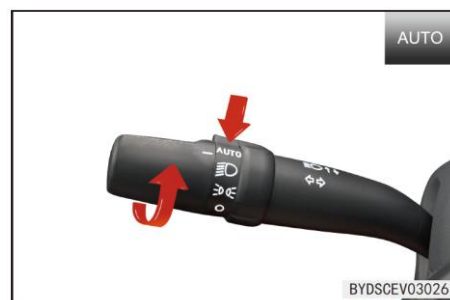
Light switch

Configuration 1

When the light knob is turned to “o” position, all lights will be turned off.



When the light knob is turned to “AUTO” position (if fitted), the low beam headlights and small lights will be turned on/off automatically based on the lighting intensity sensed with the lighting intensity sensor.



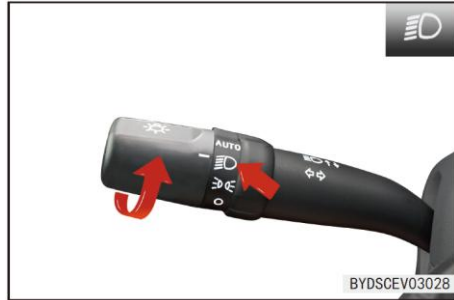
Tip

- The lighting intensity sensor is located at the top of the dashboard; do not cover it or splash any liquid on it.

When the light knob is turned to “” position, the small lights (including the front position lights, rear position lights, rear license plate light, instrument backlight, small light indicator and some backlights, and etc.) will be turned on.



When the light knob is turned to the “D” position, the low beam lights will be turned on.



- With the lighting knob at “D” position, push forward (away from the steering wheel) the lighting combination switch handle from initial position and release. In such case, the handle returns by self to initial position, the high beam turns on, and the high beam indicator lamp on the instrument also turns on.
- Operating the lighting handle “forward/backward” can turn off the low beam or exit the “OK” position and turn off the high beam.



Overtaking light

- When the light handle on the combination switch is pulled back from the original position (close to the steering wheel), the overtaking light will be turned on; when it is released, the light handle on the combination switch will be reset automatically and the overtaking light will be turned off. Pull backward (Towards the steering wheel) and hold the lighting handle. The overtaking lamp keeps on once this handle is pulled backward and held.



- When the lighting knob is at “O”, the overtaking lamp can also be turned on. Releasing or exiting the “OK” will turn off the overtaking lamp.

Turn signal

- When the light handle on the combination switch is push upward, the right turn signal and the turn indicator on the dashboard will flash at the same time.
- When the light handle on the combination switch is pulled down, the left turn signal and the turn indicator on the dashboard will flash at the same time.



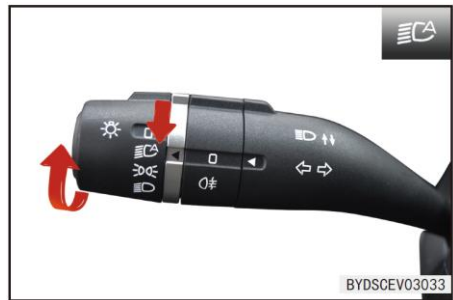
When it's pushed to the topmost or bottommost position, the turn signal lamp keeps flashing, even if it's released. The turn signal lamp turns off automatically after the cornering is completed.

Configuration 2

When the light knob is turned to “□” position, all lights will be turned off.



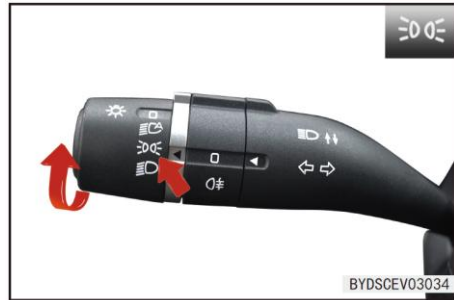
When the lighting knob is rotated to “☰” position (if fitted), the low beam and the marker lamp will be turned on or off automatically based on the lighting intensity detected by the lighting intensity sensor.



iTip

- The lighting intensity sensor is located at the top of the dashboard; do not cover it or splash any liquid on it.

When the light knob is turned to “” position, the small lights (including the front position lights, rear position lights, rear license plate light, instrument backlight, small light indicator and some backlights, and etc.) will be turned on.



When the light knob is turned to the “” position, the low beam lights will be turned on.



With the lighting knob at “” position, push forward (away from the steering wheel) the lighting combination switch handle from initial position and release. In such case, the handle returns by self to initial position, the high beam turns on, and the high beam indicator lamp on the instrument also turns on. Operating the lighting handle “forward/backward” can turn off the low beam or exit the “OK” position and turn off the high beam.



Overtaking light

- When the light handle on the combination switch is pulled back from the original position (close to the steering wheel), the overtaking light will be turned on; when it is released, the light handle on the combination switch will be reset automatically and the overtaking light will be turned off.
- When the lighting knob is at “”, the overtaking lamp can also be turned on.



Rear fog lamp

The rear fog lamp turns on when the end knob of lighting switch is rotated to “” and the fog lamp knob is rotated to “”. Turning off the marker lamp or rear fog lamp switch or exiting the “OK” position can turn off the rear fog lamp.



Turn signal

- When the light handle on the combination switch is push upward, the right turn signal and the turn indicator on the dashboard will flash at the same time.
- When the light handle on the combination switch is pulled down, the left turn signal and the turn indicator on the dashboard will flash at the same time.



When it's pushed to the topmost or bottommost position, the turn signal lamp keeps flashing, even if it's released. The turn signal lamp turns off automatically after the cornering is completed.

Auto-off function(The whole vehicle is in a non-theft state)

- Auto-off function activating conditions: When the headlight switch is in “” or “” position and the power supply is switched from “On” to “Stop” status, the function will be activated.
- After the auto-off function is activated, if the two front doors are closed, after 11s, the headlights, and small lights will be turned on with auto-off function automatically.
- After the auto-off function is activated, if any of the two front doors is opened, after 10min, the headlights and small lights will be turned off with the auto -off function automatically.
- After the lights are turned off automatically, if the light position status are changed, the lights will be turned on under the new status; if the auto-off conditions are still met at the time, the auto-off function will be activated again.
- After the lights are turned off automatically and any of the two front doors is opened, the lights will be turned on automatically.
- At end of auto-off function: After the power switch is turned on, the auto-off function will be completed and the light knob can be operated normally.

- After the lights are turned off with auto-off function and the anti-theft status is entered, if the anti-theft status is released, and the lights will be turned on automatically again. If the two front doors are not open, the lights will be turned off with auto-off function after 10s. If any of the two front doors is opened, the lights will be turned off with auto-off function after 10min.

Follow me home function (if fitted)

- Follow me home light:
 - With the lighting combination switch at “”, “”, or “” position, the power switch at “OFF”, and the Follow Me Home set at “ON”, when the vehicle is locked remotely or by micro-switch, the corresponding lamp will keep on for a period (0~60s, depending on the specific setting). The factory default setting is 10s.
- Off-home light:
 - With the lighting combination switch at “”, “”, or “” position, the vehicle under locked status, and the Follow Me Home set at “ON”, when the vehicle is unlocked remotely or by micro-switch, the corresponding lamp will keep on for a period (0~60s, depending on the specific setting). The factory default setting is 10s.

Wiper switch

Configuration 1

Front and rear windshield wipers

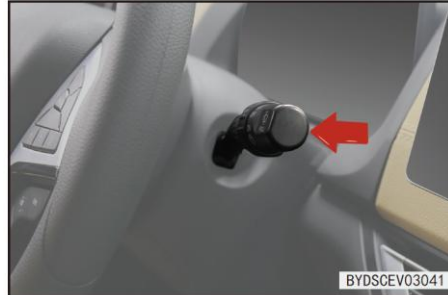
The control lever is used to control the front and rear windshield wipers and scrubbers. The front windshield wiper is controlled with five gears;

- 1** MIST: Jogging mode
- 2** OFF: Stop mode
- 3** INT: Intermittent mode
- 4** LO: Low speed mode
- 5** HI: High speed mode



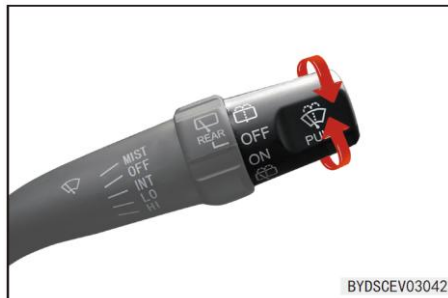
Front windshield scrubber

- To clean the front windscreen, pull backward (Towards the steering wheel) the wiper control handle so that the scrubber sprays washing fluid and meanwhile the wiper runs.
- Upon release of the control handle, the scrubber stops the spraying of washing fluid and the wiper continues to wipe for 2~3 cycles and then stops.

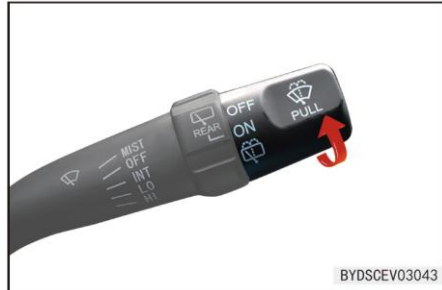


Rear windshield wiper and scrubber (if fitted)

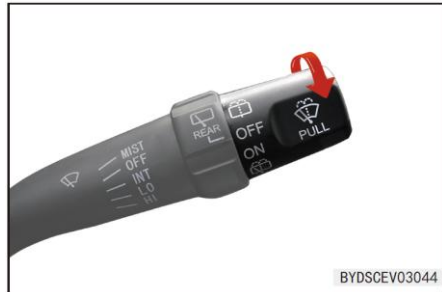
- If turning the switch knob to "ON" position, the rear windshield wiper will be started; if turning the switch knob to "OFF" position, the wiper will stop.



- If the switch knob is turned up to the rear wiper position “”, the rear windshield wiper and scrubber will be operated simultaneously, and the working time is related to the holding time of the switch knob at the position.



- Rotate downward the switch knob to rear wiper position  to run both rear windscreen wiper and scrubber simultaneously. Upon release, this switch returns automatically and both rear windscreen wiper and scrubber stop working simultaneously.



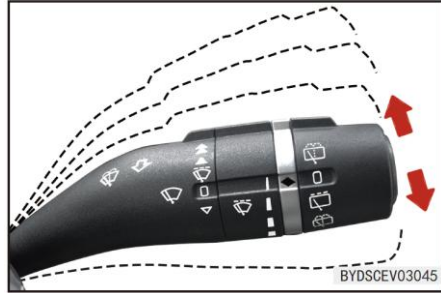
Tip

- Regularly inspect the wiper blade and remove the dirt attached on the wiper blade, to prevent dry operation.
- If the wiper is turned on just at beginning of rain, because the rainwater is mixed with sand and dust, not only the sand and dust on the windshield cannot be cleaned, but a blurred vision may be formed instantly, which may affect the safety of driving.
- Please use the glass cleaner. The water or any other detergent may cause damage to the scrubber motor.

Configuration 2

- The control lever is used to control the windshield wiper and scrubber. The lever is controlled with five gears:

- ▲: High speed mode
- ▲: Low speed mode
- ◻: Intermittent mode
- ◻: Stop mode
- ▼: Jogging mode

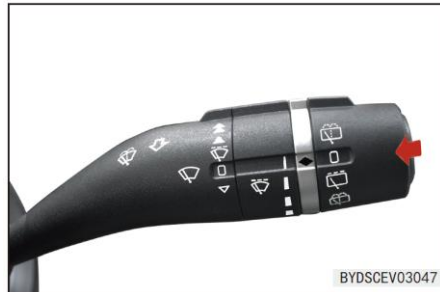


- To select a level, pull up or push down the control handle.
- The wiper wipes continuously at low speed and high speed positions.
- To run the wiper under one-time wiping mode “▼”, push down the control handle from “◻” to run the wiper at low speed, till the control handle is released.
- Under the intermittent mode “◻”, rotate the intermittent knob on the wiper switch to prolong the wiping interval along the narrowing of the rainfall indicator bar.



Front windshield scrubber

- To clean the front windscreen, pull backward (Towards the steering wheel) the wiper control handle so that the scrubber sprays washing fluid and meanwhile the wiper runs.
- When the control handle is released or the continuous running time exceeds 10s, the scrubber stops spraying and the wiper wipes for 1~2 cycles and then stops. After an approximately 5s interval, the wiper wipes once further to remove the residual water drops from the windscreen.



Rear windshield wiper and scrubber (if fitted)

- Rotate the end knob of wiper switch to  position to turn on the rear windscreen wiper. Rotate the knob to "0" or open the back door to stop both wiper and scrubber.



- Rotate the end knob of wiper switch to  position to turn on both rear windscreen wiper and scrubber.



- Rotate the switch knob to rear wiper position  and release. After the spraying of washing fluid, the wiper wipes for 1~2 cycles and then stops. After an approximately 5s interval, the wiper wipes once further to remove the residual water drops from the windscreen.



Rear wiper and back door linkage function (if fitted)

- With the vehicle power switch at "OK", when the back door is opened, the rear wiper/scrubber is not operational. While the rear wiper/scrubber is working, the wiper/scrubber stops working if the back door is opened and resumes working in 5s after the back door is closed. While the front wiper is working, the rear wiper will work automatically if the gear R is engaged.

Tip

- Do not run the scrubber continuously for >10s or operate the scrubber when the washing fluid reservoir is empty, otherwise it will probably result in overheated damage of motor.
- Regularly inspect the wiper blade and remove the dirt attached on the wiper blade, to prevent dry operation.

one-touch lowering function.

Anti-pinch function (if fitted)

If a person or object is pinched during the door glass operation, the glass will stop and drop to a certain distance automatically.

Tip

- Do not intentionally pinch a part of your body to test the anti-pinch function.
- If an object is pinched when the window is about to be closed completely, the anti-pinch function may be invalid.

Window lock button

- Press the window locking button. The indicator lamp turns on and the driver and front passenger can lift and lower the glass of corresponding window, but the rear passengers can't control the glass lifting and lowering of the corresponding window.
- Press the window locking button again. The indicator lamp turns off and all window control switches restore operational.



Delay function (if fitted):

- After the power switch is turned off, if the doors are not opened, they can be operated after a delay of 10min.
- After the power switch is turned off, if any front door is opened, the window glasses cannot be operated with the four-door control function.

Intelligent window control function (if fitted)

- When this function is turned on by instrument or multimedia setting (see dashboard or multimedia setting operation): If pressing and holding “Unlock” button on the remote control, the glass will drop automatically; if pressing and holding “Lock” button on the remote control, the glass will be lifted automatically. Release the button during the motion of glass to stop the motion.
- When this function is turned on by instrument or multimedia setting (see dashboard or multimedia setting operation): if the driver carrying the smart key presses and holds “Unlock” button on the front door micro switch, the glass will drop automatically, if pressing and holding “Lock” button on the front door micro switch, the glass will be lifted automatically. Release the button during the motion of glass to stop the motion.

Warning

- When closing the power window, do not put your hand on the window glass. To avoid pinching your hand or fingers and causing extremely serious injuries.

Window auto-lifting function and anti-pinch function fault (if fitted)

- If the automatic lifting or anti-pinch function of the window fails, restore this function by following procedure:
 - Continuously pull the front left window switch to lift the glass to the top.
 - Release the switch and pull the front left window switch again and hold it 400ms; The auto-lifting and anti-pinch function will be restored.

Tip

- When leaving the car, must carry the smart key with you.

3

Central control door lock switch

- If pressing “Central Lock” button, the four door locks will be locked at the same time, and the locking indicator (red) will be turned on.
- If pressing “Central Unlock” button, the four door locks will be unlocked at the same time, and the locking indicator (red) will be turned off.
- When the driving speed exceeds about 20km/h, all doors will be locked automatically.
- After the power switch is turned off, all doors will be unlocked automatically.
- In case of a strong collision, all doors will be unlocked automatically. Whether all doors are unlocked automatically depends on the specific collision strength and the type of accident.



Exterior rearview mirror adjustment switch

Exterior rearview mirror adjustment switch

- If the left exterior power rearview mirror adjustment switch is pressed, the left exterior rearview mirror will be selected.
- If the right exterior power rearview mirror adjustment switch is pressed, the right exterior rearview mirror will be selected.
- The exterior rearview mirror lens can be adjusted in four directions, namely “Up”, “Down”, “Left” and “Right”, corresponding to the up, down, left and right actions on the switch.



Exterior power rearview mirror folding switch (if fitted)

If pressing the folding button, the left and right exterior rearview mirrors will be folded at the same time; if pressing the folding button again, the left and right exterior rearview mirrors will be returned to the original position before folding operation.

Tip

- If the rearview mirror is frozen, do not operate the controller or clean the surface of the rearview mirror; the ice on the mirror surface should be removed with a spray deicer.

Passenger window control switch

- When the power supply is in “OK” position, the front right and rear door glass can be controlled with the front right and rear door window control switches respectively.



Emergency warning indicator switch

- Press the hazard warning lamp switch to synchronously flash the turn signal indicator lamp on the instrument and the hazard warning lamp switch. Press it again to stop the flashing.



Warning

- Turn on the emergency warning indicator to remind other pedestrians and cars to avoid any risk.

Lighting adjustment switch group

The lighting adjustment switch group is composed of headlamp adjustment switch.

Headlamp switch

- This switch is used to adjust the vertical illumination angle of the headlamp. This switch is operational after the low beam is turned on.
- The illumination height of the headlamp is the maximum when the headlamp adjustment switch is at 0 position and is the minimum when the headlamp adjustment switch is at 5 position. Depending on the driver's need, adjust the switch to any of 0~5 positions to change the illumination height of the headlamp.



Mileage adjustment switch

- Press the mileage switch repeatedly to circulate the mileage interfaces on the instrument. Press and hold this button to reset mileage I or II.

Mode switch group

- 1** Economy mode button
- 2** Sport mode button
- 3** Snow mode button
- The Economy/Sport/Snow mode button controls the mode switchover of vehicle.



Steering wheel switch group

Configuration 1



3

Controller Operations

Left switches

Definitions of Bluetooth function buttons:

Dialup/Answer button (if fitted):

- When the system is in any interface not related to the Bluetooth, press the “ ” button on the steering wheel to switch over to phone selection main interface (If no Bluetooth device is paired) or dialup main interface (If a Bluetooth device is already paired).
- In event of an incoming call, press the “ ” button on the steering wheel to answer the call.
- After inputting a telephone number in the dialup interface or selecting a record from Recent Calls or Contacts or in the Speed Dialup interface, press the “ ” button on the steering wheel to dial up.

- When a Bluetooth device is already paired and no phone number is inputted in the dialup main interface, press the “” button on the steering wheel to directly switch over to All Calls interface in Recent Calls interface and press the “” button on the steering wheel again to automatically dial up the first record in the All Calls interface.

End Call button (if fitted)

- During a phone call, press the “” button on the steering wheel to end the call.
- In any interface related to Bluetooth, press the “” button on the steering wheel to exit the Bluetooth interface and return to the previous non-Bluetooth interface.

Volume “+” /Volume “-” button

- Use the Volume “+” and “-” buttons on the steering wheel to adjust the volume of incoming call tone and phone call.

Up “^” /Down “v” button

- In the Contacts, Recent Calls, or Speed Dialup interface, press the “^/v” buttons on the steering wheel to switch over the call records in turn. (The switchover sequence of speed dialup is 1-6-12-18-1.) (Reserved speed dialup records)

Multimedia function:

Voice button (if fitted):

- Press the voice recognition switch to switch over the multimedia display screen to voice recognition interface and realize the intelligent voice function. Press again to re-input the voice command.

Volume “+” /Volume “-” button

- Volume adjustment

Up “^” button

- In radio mode
 - Press and hold: Automatically search for the previous strong signal station (decrease the frequency)
 - Press: Select the previous pre-stored station;
- Under the USB/SD/Bluetooth music/third-party music APP mode: Play the previous music (music number -1).
- Bluetooth call Record, phone book interface, Press: Select the previous item.

Down “V” button

- In radio mode:
 - Press and hold: automatically search for the next strong signal station (decrease the frequency)
 - Press: Select the next pre-stored radio station;
- Under the USB/SD/Bluetooth music/third-party music APP mode: Play the next music (music number -1).
- Bluetooth call Record, phone book interface, Press: Select the previous item.

Press Mode button:



- Select the mode among Radio → Music → Video → AUX → Bluetooth in sequence. If the audio is turned off, press the button  to boot the device and enter the memory playback mode before the last turning off, and press and hold the button to turn off the audio.

Right switches

OK button



- Under the menu interface, press the button to select the corresponding submenu option in the menu;
- Under the driving information interface, press and hold the button to clear some driving information;
- Under the driving information interface, press the button to switch to the safe driving tip interface or the menu interface;
- Under the fault/tip information interface, press the button to switch to the driving information display interface.

Up /Down button

- Press Up button:
 - Under instrument menu mode, select level-2/level-3 menu item in upward direction.
 - During reserved charging setting, reduce the hour/minute.
- Press Down button:
 - Under instrument menu mode, select level-2/level-3 menu item in downward direction.
 - During reserved charging setting, increase the hour/minute.

Left /Right button

- Under instrument menu mode:
 - Press  button to switch leftward the level-1 menu and its submenu.
 - Press  button to switch rightward the level-1 menu and its submenu.
- During reserved charging setting:
 - Press  button to switch leftward the hour and minute setting.
 - Press  button to switch rightward the hour and minute setting.

Return button

- Under the non-menu mode of instrument, press the Return button to pop up instrument menu.
- Under the instrument menu mode, press Return button to return to upper level menu or (If no upper level interface is available) exit the menu.
- In the Bluetooth call interface, press to end call.

Customize button (if fitted)

- If the Customize button is not defined, press or press and hold to enter the Customization interface. The customization functions include “Take photograph by traveling data recorder”, “Rotate central control display”, and “Lock video in traveling data recorder”.
- If the Customize button is already defined with certain function, press to activate this function and press and hold to enter Customization interface. It can also re-customize or cancel current customization.

Panoramic view button (if fitted)

- The multimedia system enters into panoramic view mode to display the interface of panoramic view + front view.

Right front view button (if fitted)

- The multimedia system enters the panoramic view mode. In the reverse gear, the right front view interface and the reversing camera interface are switched over with each other.

Configuration 2



Right switches

Knob switch

Multimedia

- Rotate upward knob switch: Increase volume by single rate, till the maximum volume is reached (12 rates in one turn).
- Rotate downward knob switch: Decrease volume by single rate, till the minimum volume is reached (12 rates in one turn).
- Push down knob switch: Mute.

Instruments

- Rotate upward knob switch:
 - Under instrument menu mode, select level-2/level-3 menu item in upward direction. During reserved charging setting, reduce the hour/minute.

- Rotate downward knob switch:
 - Under instrument menu mode, select level-2/level-3 menu item in downward direction. During reserved charging setting, increase the hour/minute.
- Push down knob switch:
 - Under instrument menu mode, enter the sub-level menu of current selected item or confirm the current setting.
 - During reserved charging setting, confirm the current setting.

Left /Right button**Multimedia**

- In radio mode:
 - Press and hold ◀: Automatically search for the previous strong signal station (decrease the frequency);
 - Press ◀: Select the previous pre-stored station;
 - Press and hold ▶ : Automatically search for the next strong signal station(increase the frequency)
 - Press ▶: Select the next pre-stored radio station;
- Under the USB/SD/Bluetooth music/third-party music APP mode:
 - Press ◀: Play the previous music (music number -1).
 - Press ◀: Bluetooth call Record, phone book interface, press to select the previous item.
 - Press ▶: Play the next music (music number +1).
 - Press ▶: Bluetooth call Record, phone book interface, , press to select the next item.

Instruments

- Under instrument menu mode:
 - Press the ◀button to switch leftward the level-1 menu and its submenu. During the reserved charging setting, press to switch leftward the hour and minute setting.
 - Press the ▶button to switch rightward the level-1 menu and its submenu. During the reserved charging setting, press to switch rightward the hour and minute setting.

Dialup/Answer button (if fitted):

Under Bluetooth function mode:

- When the system is in any interface not related to the Bluetooth, press the “” button on the steering wheel to switch over to phone selection main interface (If no Bluetooth device is paired) or dialup main interface (If a Bluetooth device is already paired).
- In event of an incoming call, press the “” button on the steering wheel to answer the call.
- After inputting a telephone number in the dialup interface or selecting a record from Recent Calls or Contacts or in the Speed Dialup interface, press the “” button on the steering wheel to dial up.
- When a Bluetooth device is already paired and no phone number is inputted in the dialup main interface, press the “” button on the steering wheel to directly switch over to All Calls interface in Recent Calls interface and press the “” button on the steering wheel again to automatically dial up the first record in the All Calls interface.

Voice recognition (if fitted)

- Press the voice recognition switch to switch over the multimedia display screen to voice recognition interface and realize the intelligent voice function. Press again to re-input the voice command.

**Return button **

- Under the non-menu mode of instrument, press the Return button to pop up instrument menu.
- Under the instrument menu mode, press Return button to return to upper level menu or (If no upper level interface is available) exit the menu.
- In the Bluetooth call interface, press to end call.

Left switches

Cancel button(if fitted)



- Deactivate the cruise control status. The system turns from activated status to ready status.

Cruise control switch buttons(if fitted)



- Turn on or off the cruise control system.

+/- button (if fitted)



- Operate upward the handle. Press to increase the cruise control speed by a rate of 2km/h and press and hold to increase continuously.
- Operate downward the handle. Press to reduce the cruise control speed by a rate of 2km/h and press and hold to reduce continuously.

Set button(if fitted)



- Set the current vehicle speed as target cruise control speed.

Resume button (if fitted)



- Activate the cruise control system and call the previous system setting parameters.

Right front view button



(if fitted)

- The multimedia system enters the panoramic view mode. In the reverse gear, the right front view interface and the reversing camera interface are switched over with each other.

Panoramic view button



(if fitted)

- The multimedia system enters into panoramic view mode to display the interface of panoramic view + front view.

Customize button



(if fitted)

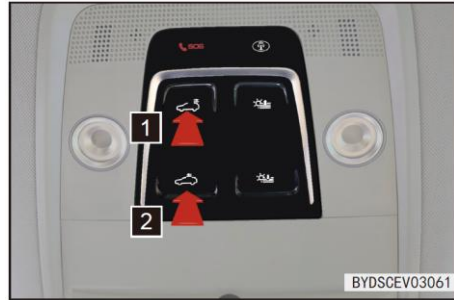
- If the Customize button is not defined, press or press and hold to enter the Customization interface. The customization functions include "Take photograph by traveling data recorder", "Rotate central control display", and "Lock video in traveling data recorder".
- If the Customize button is already defined with certain function, press to activate this function and press and hold to enter Customization interface. It can also re-customize or cancel current customization.

Sunroof switch (if fitted)

When the sunroof is operated, the power supply should be in "OK" position or the power-off delay time range of "OFF" position.

Open the sunroof

- If pressing the sunroof opening button **1** and holding it, the sunroof will be opened manually; if the button is released at midway, the sunroof will stop at the current position
- If pressing the sunroof opening button **1** and released it immediately, the sunroof will be opened automatically; if pressing the button **1** or the button **2** at midway, the sunroof will stop at the current position.



3

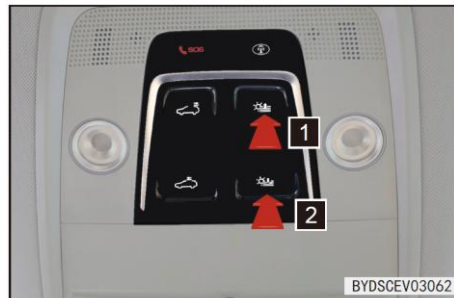
Controller Operations

Close the sunroof

- If pressing the sunroof closing button **2** and holding it, the sunroof will be closed manually; if releasing the button at midway, the sunroof will stop at the current position.
- If the sunroof has been initialized, if pressing the sunroof closing button **2** and releasing it immediately, the sunroof will be closed automatically; if pressing the button **1** or the button **2** at midway, the sunroof will stop at the current position.

Open the sunshade

- If pressing the sunshade opening button **1** and holding it, the sunshade will be opened manually; if the button is released at midway, the sunshade will stop at the current position.
- If pressing the sunshade opening button **1** and released it immediately, the sunshade will be opened automatically; if pressing the button **1** or the button **2** at midway, the sunshade will stop at the current position.



Close the sunshade

- If pressing the sunshade closing button **2** and holding it, the sunshade will be closed manually; if releasing the button at midway, the sunshade will stop at the current position.
- If the sunshade has been initialized, if pressing the sunshade closing button **2** and releasing it immediately, the sunshade will be closed automatically; if pressing the button **1** or the button **2** at midway, the sunshade will stop at the current position.

Sunshade linkage opening function

When the sunroof is opened, the sunshade will be opened together with the sunroof.

Anti-pinch function

If a person or object is pinched during the closing process of the sunroof or the sunshade, the sunroof or the sunshade will be opened automatically with a distance.

Warning

- When opening or closing the sunroof, if a hand or head of a passenger is pinched, it may cause extremely serious injury.
- During driving process, if any part of head, hand or body is extended out of the sunroof, it may cause serious injury or even death.

Note

- If the sunroof is opened in an environment below 0 °C or when it is covered by ice or snow, it may cause damage to the sunroof or the motor.

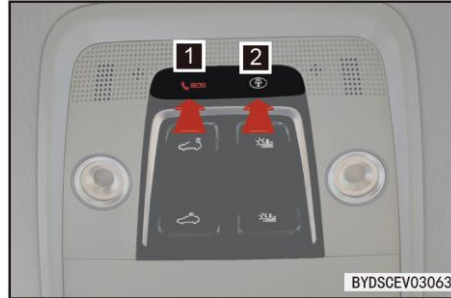
Initialization method

- If the automatic sunroof or sun visor function fails, attempt the initialization by following procedure:
 - Sunroof initialization: Press and hold the sunroof OFF switch to run the sunroof to completely closed position and hold further for 400ms.
 - Sunshade initialization: Press the sunshade closing button and hold it, to operate the sunshade to the fully closed position and hold the operation for 400ms.

B-call/E-call switch(if fitted)

1 E-call

E-call means emergency rescue. In event of a serious impact or an emergency of the vehicle, the user can press this button to call the call center in highest priority and the customer service person will meanwhile acquire the important data of the customer and vehicle and assist the driver to escape the danger. If required, an ambulance is dispatched immediately to the site to safeguard the user.



- When the user presses the E-call button for <2s, a dialog displaying the text “Please press and hold SOS to call for emergency rescue” will pop up on the multimedia display screen.
- When the user presses the E-call button for ≥2s, the multimedia system will directly call the emergency rescue center. To end the call, please press the End Call button  on the multimedia display screen.

iTip

- To guarantee the user's safety, once the user presses E-call button for >2s, even if the user ends the call, the specialist from BYD Emergency Rescue Center will call the user.
- In event of a serious safety accident, the vehicle system will automatically call the Emergency Rescue Center. To prevent the occurrence of any emergency, the E-call automatic dialup is answering by default.

2 B-call

- B-call means roadside rescue. If your vehicle is malfunctioned, press this button to send a “roadside rescue” signal to the BYD Intelligent Service Center and obtain a series of helps, including roadside rescue, information supply, and humanistic care, through the assistance of the BYD Intelligent Service Center.
- When the user presses the B-call button for <2s, a dialog displaying the text “Please press and hold  to call BYD Intelligent Service” will pop up in the multimedia display screen. To use this function, the user must press and hold this button for >2s.

- When the user presses and hold the B-call button for ≥ 2 s, the multimedia system will directly call the Intelligent Service Center to guarantee the user's traveling. To end the call, please press End Call  button on the multimedia display screen.

Indoor light switch

Front interior lamp (if fitted)

Configuration 1

Under any power position, press the face mask of corresponding interior lamp or reading lamp to turn on the lamp and press again to turn off.

Camera (if fitted)

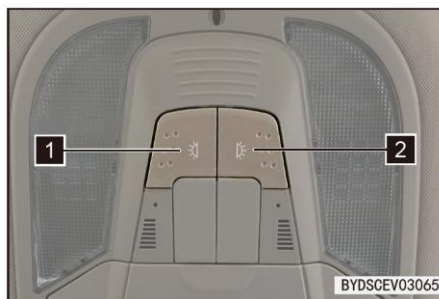
The camera beneath the interior lamp is used for call by APP on a PAD.



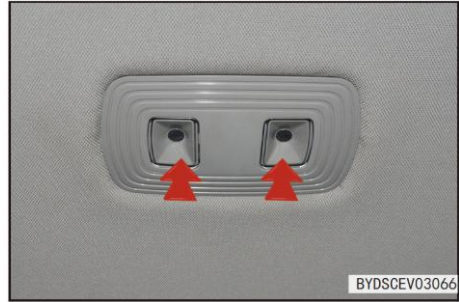
Configuration 2

- 1** Left indoor light control switch
- 2** Right indoor light control switch

- When the left/right indoor light control switch is pressed, the left/right indoor light will be turned on; when the left/right indoor light control switch is pressed again, the left/right indoor light will be turned off.



- Press the face mask of rear interior lamp to turn on the rear interior lamp.



Rear indoor light switch (if fitted)

ON: Turn on

OFF: Turn off

- When it's in the middle position (DOOR), the rear reading lamp turns on if a door is opened and turns off after the door is closed.



3

Controller Operations

iTip

- A "DOOR" switch is included on the multimedia system. With "DOOR" switch turned on, the vehicle reading lamp turns on in low intensity when any door is opened. When the vehicle power switch is at OFF, the reading lamp turns off in 15s after all doors are closed. When the vehicle power switch is at "OK", the reading lamp turns off in 2s after all doors are closed.
- When the "DOOR" switch is turned on and any door is opened, touch the corresponding reading lamp can only switch over between low intensity and high intensity.

Side indoor light (if fitted)

- Touch the face mask of side interior lamp to turn on the side interior lamp.



Use and drive

4

4-1 Charge device.....	103
Charge instructions	103
Charge method	107
Smart charge function	112
Charging port electric lock control function.....	112
4-2 Battery.....	116
Power battery	116
Battery	119
4-3 Use essentials	121
Running-in period.....	121
Trailer towing.....	121
How to save the power and extend the service life of your car	122
Carry the luggage.....	124
Fire prevention	125
4-4 Start and drive	127
Start.....	127
Remote start function	130
Gear actuator	131
Electronic parking.....	132
Driving essentials.....	136
4-5 Use of driver assistance functions	139
Cruise control (if fitted).....	139
Panoramic image system (if fitted)....	142
Parking image system (if fitted).....	144
Parking assist system (if fitted)	148

Driving safety system153

Low speed sound system (AVAS) (if fitted)157

Tire pressure monitoring159

4-6 Other main function descriptions163

Exterior rearview mirror defroster.....163

Interior rearview mirror (if fitted)165

Wiper.....166

Snow chain.....168

Charge instructions

Charge safety warnings

- Please carry out the charge in a relatively safe environment (such as, the conditions away from liquids, fire sources, and etc.).
- Do not disassemble or modify the charge device and related ports to avoid fire from any charge fault.
- Before charge, please ensure that there is no water or foreign objects in the charging ports on the car, power supply and charge device, and ensure that the metal terminals are not damaged or affected by rust or corrosion; if any, do not carry out the charge. Because any improper terminal connection may cause short circuit or electric shock, and even death.
- If there is any fault in the car or charge device when charge, must stop the charge immediately; it is recommended to contact BYD Auto Authorized Service Station.
- To avoid serious personal injury, pay attention to the following precautions when a car is charged:
 - Do not touch the charging port;
 - Do not charge or touch the car in a thunderstorm weather; otherwise, any lightning strike may cause damage to the charge device and cause personal injury.
- After the charge is completed, do not disconnect the charge device with wet hands or standing in the water; otherwise it may cause electric shock and cause personal injury.
 - Before driving, ensure that the charge device is disconnected from the charging port in the car.
- The medical or implantable electronic devices may be affected during charge process; before charge, please consult the electronic device manufacturer.

Notes on charge

- When SOC bar on the dashboard enters the red warning area, it indicates that the power battery is low-voltage. It is recommended to charge the battery when the battery power is reduced to the red warning area; it is not recommended to charge the battery after it is completely exhausted, as it will affect the service life of the battery.
- When the battery temperature is above 50℃ or below -20℃, the car will not be charged normally.
- The household AC charge refers to the charge with AC charge connector provided in the car. It is recommended to use dedicated 220V 50Hz, 10A AC line and power outlet.

The dedicated line is used to avoid any line damage or provide the line trip protection for the high power to charge the power battery. If no dedicated line is used, it may affect the normal operation of other devices on the line.

- To avoid damage to the charge device:
 - Do not close the charge hatch when the charging port cover is opened.
 - Do not hit the charge device;
 - Do not place the charge device near a heater or any other heat source.
- When the external power grid is powered off and on again after a short time, the charge device will automatically restart the charge without reconnection.
- During charge process, do not allow any person stayed in the car.
- Before charge, it is recommended to park the car in a well-ventilated place.
- The power switch must be in "OFF" position during DC charge process.
- When the power battery is charged fully, the charge device will automatically stop.
- Recommendation on use of a household AC charge connector: If the charge stops, must firstly disconnect the charge device from the car and then disconnect the power plug from the power supply.
- Before start the car, please ensure that the charge device is disconnected, the charging port cover and the charging port hatch is closed, because the power switch may be in "OK" position when the charge device locking mechanism is not locked fully. If the charging port cover is not closed, any water or foreign objects may enter the charging port terminal, which will affect the normal use for a long time.
- When the ambient temperature is below 0 °C, the charge time will be longer than under normal conditions.
- For ease of use, the expected full charge time will be indicated on the dashboard. Under different temperatures, powers, charge facilities, and other conditions, the full charge time may have a certain deviation, which is a normal phenomenon.
- During charge process, the compressor and electronic fan may be operated as needed; it is normal to hear some related sounds.

Charge method

The car is a pure electric car that is driven with the energy provided by the power battery. In order to avoid that the car is not driven due to the power loss of the power battery, it is very important to charge the battery and calculate the power demand before driving.

The power battery can be charged with the three methods as follows:

1. Household single-phase AC charge
 2. Charge post single-phase AC charge
 3. Charge post DC charge
- The time required to charge the power battery is based on the charge method, remaining battery capacity, real-time temperature, usage time, ambient temperature and etc. The data provided in the user manual may differ from the time required for actual charge.
 - The charge requirements should be in accordance with GB/T18487.1-2015.

Household single-phase AC charge

- AC charge connector device is a charge device that is delivered with the car; the car is connected to the household standard 220V50Hz, 10A single-phase two-pole grounding outlet to charge the power battery.
- The power outlet should be the household outlet that can meet the national standard, to avoid the line damage and the protection trip caused by high-power charge, which may affect the normal use of other devices.

Charge post single-phase AC charge

- Charge the power battery with an AC power charge post in a public place or delivered with the car. For use of the charge device, please see the user manual or operation instructions.

Charge post DC charge

- Charge the power battery with a DC charge cabinet in a public place; the charge cabinet is typically installed at a specific charge station.

Charge mode

1. Scheduled charge (charge the power battery regularly based on the charge time set by the user).

For details setting process of the scheduled charge, please see the dashboard scheduled charge function settings.

2. Instant charge (charge the power battery by connecting the charging port or the related operations).

Household single-phase AC charge

- Device specifications:
 - 220V AC 50Hz 8A
- Charge time:
 - Please see the charge time tips on the dashboard

Charge post single-phase AC charge

- Device specifications:
 - 220V AC 50Hz 16A/32A
- Charge time:
 - Please see the charge time tips on the dashboard

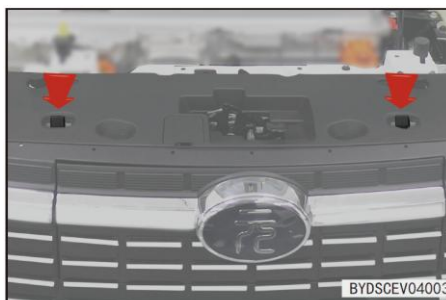
Charge post DC charge

- Device specifications:
 - Please see the charge post instructions
- Charge time:
 - Please see the charge time tips on the dashboard

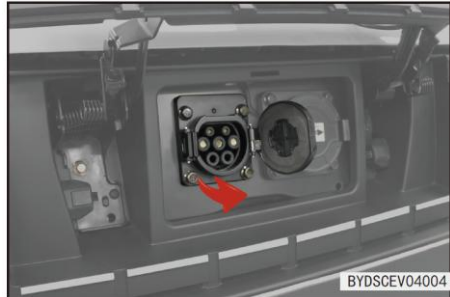
Charge method

Household single-phase AC charge

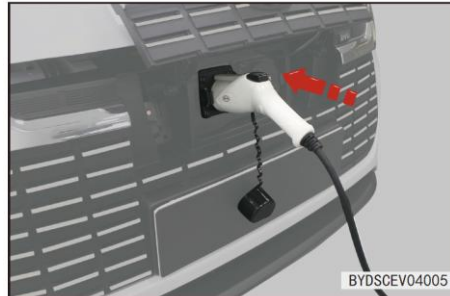
1. Check the charge connection before charge:
 - Ensure that the charge device is not scratched, rusted, cracked, or that the plug, cable, control box, wire, and power plug in the car are not damaged.
 - Do not charge the power battery if the surface of charge device or the charge connector is damaged, rusted or cracked, or the connection is loosened.
 - When the power plug or the car plug is dirty or wet, please wipe the plug with a dry and clean cloth, to ensure that it is dry and clean.
2. Start the charge:
 - Open the charging port cover:
 - Electric opening of charging cap: Press the charging cap opening switch to open the charging cap on the front grille.
 - Open the charging port cover manually: Open the front hatch and press the opening switch on both sides of the front grille to open the charging port cover.
 - Slide the charging port cover upward by a hand.



- If inserting the household plug of AC charge connector into the outlet, AC charge connector power indicator will be turned on.
- Open the protective covers of the car plug and outlet, and ensure that there are no obstructions at the ends of the charge plug and outlet.

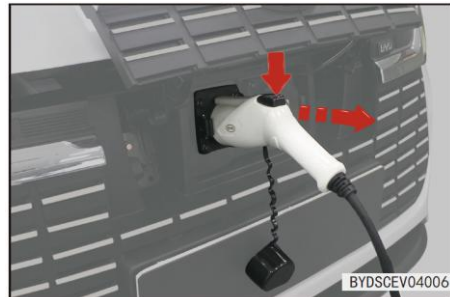


- Insert the charger into the vehicle socket on the vehicle end, the dashboard charge connection indicator  will be turned on. At the same time, the charge indicator of AC charge connector will flash.
- During charge, the relevant charge parameters and the charge image will be displayed on the instrument.



3. Stop the charge:

- The charge will stop by unlocking the car, setting the charge device or after the battery is fully charged; at this time, unplug the car charge plug from the charge outlet.
- Unplug the power plug.



- Close the protective cover of the charging port outlet and the charging port cover on the electric car.
- Place AC charge connector in the storage box of the luggage compartment.



Tip

- Grounding instructions: The device must be well grounded. If the charge device is faulty or damaged, the grounding wire can provide the circuit discharge with minimum impedance to reduce the risk of electric shock. The device is provided with a grounding wire to connect the device grounding point and the grounding point of the power supply plug. The plug must be matched with a properly-installed and well-grounded electrical outlet.
- If the car is not unlocked, do not open the outlet hatch in the car forcibly.
- When the charging port cover is fully opened, do not close the front hatch.
- Before pulling out the car plug, please unlock the car to unlock the electronic lock at the car port, and pull out the car plug within 30s; otherwise the electronic lock at the car port will be locked again.
- Please contact BYD Auto Authorized Service Station or local electrician to select the appropriate power supply according to the requirements of the charge device.

Warning

It is recommended to charge the power battery with electric car specific charge device that meets relevant national standards:

- Do not modify, disassemble or repair the charge device.
- Do not use any additional wire or adapter/connector.
- Do not touch the plug with your wet hand.
- Do not use the charge device if the household plug cord is softened the car plug cable is worn, and the insulation is broken or damaged.
- Do not use the charge device if the protective package is broken or the electric car outlet is disconnected, or there is any exposed damage.

Warning

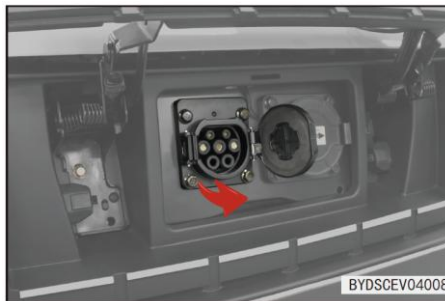
- Do not allow minors to touch or use the charge device.
- Maximum ambient temperature: 50℃.
- Do not drop the charge device, do not move it by pulling the cable directly; handle it gently, and store it in a cool place.
- When charge in a rain, please pay attention to the protection of the charge device to avoid any water ingress.
- When the charge is faulty or abnormal, please stop the charge immediately and contact BYD Auto Authorized Service Station.
- Do not open and close any electrical device hatch on the car.

Charge post single-phase AC charge

Connect the car to AC charge post with AC charge device, or connect the car to AC charge post with a charge plug of the single-phase AC charge post for AC charge.

Instant charge method:

1. Unlock the car and press the charging cap opening switch to open the charging port cover on the front grille. Slide the charging port cover upward by a hand, and open the hatch and protective cover of AC charge outlet (see the opening method of hatch and protective cover for household single-phase AC charge outlet);
2. Connect the car plug attached on the charge post to the car outlet; if a seven-core to seven-core charge connector is used, connect the power plug to the power outlet of the charge post.
3. Start the charge in accordance with the charge device instructions;
4. The charge connection indicator on the dashboard will be turned on ;
5. During charge process, the relevant charge parameters and the charge image will be displayed on the dashboard at the same time;
6. The charge will be ended when the car is unlocked, the charge device is set or the battery is fully charged;



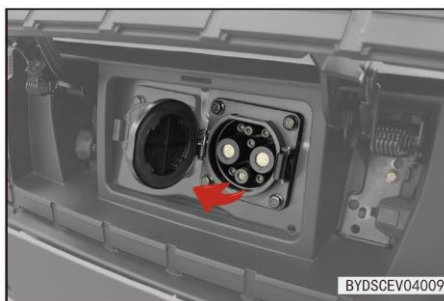
7. Press the locking button, unplug the vehicle connector, and reinsert it to the charging case. If a seven-core to seven-core charge connector is used, it is recommended to first unplug the car plug and then pull out the power plug from the charge post.
8. Close the hatch and protective cover of AC charge outlet;
9. Collect the charge device and place it in the appropriate place;
10. After the charge post AC charge is completed, close the protective cover and hatch of the charging port.

Charge post DC charge

Connect the car to DC charge post with the charge connector of DC charge post for DC charge.

Instant charge method:

1. Place the power switch in "OFF" position;
2. Unlock the car and press the charging cap opening switch to open the charging port cover on the front grille. Slide the charging port cover upwards by a hand, and open the hatch and protective cover of DC charge outlet (see the opening method of the hatch and protective cover for household single-phase AC charge outlet);
3. Connect the charger on the vehicle end.
4. Start the charge in accordance with the charge device instructions;
5. The charge connection indicator on the dashboard will be turned on ;
6. During charge process, the relevant charge parameters and the charge image will be displayed on the dashboard at the same time;
7. The charge will be ended by setting the charge post or when the power battery is fully charged;
8. Press the charger locking button and unplug the charger.
9. Close the hatch and protective cover of DC charge outlet;
10. The charge post DC charge is ended.



Smart charge function

- The car has a smart charge function, so the negative terminal of the battery cannot be disconnected when your car is parked for a long time.
- When the battery power is too low, it can be charged with the power battery.

Tip

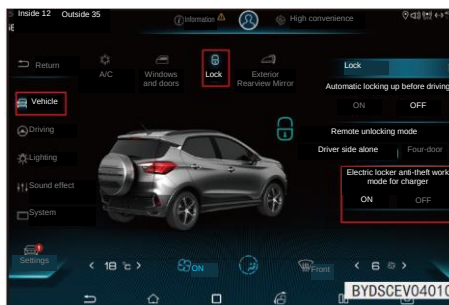
- An automatic start may occur during long-term storage of the car. It is a normal control procedure for smart charge, but not a fault.
- The electric energy for smart charge comes from the power battery, so SOC may be reduced when the smart charge is performed, which is a normal phenomenon, but not a fault.

Charging port electric lock control function

In order to prevent theft of the charge gun during charge or discharge process, the charging port has an anti-theft function during charge and discharge process; the function is activated by default and can be cancelled in the steps as follows:

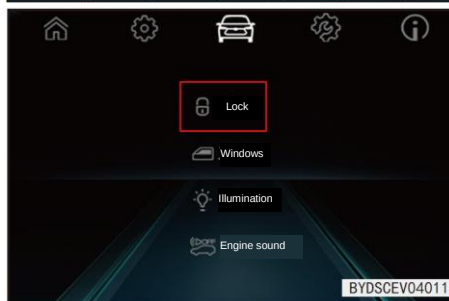
Multimedia control (if fitted)

1. The user can press the [Settings] - [Vehicle] - [Lock] on the multimedia touchscreen to enter the relevant setting interface.
2. Enter the "Charging port electric lock immobilizer working mode" and select the electric lock working mode as "ON".

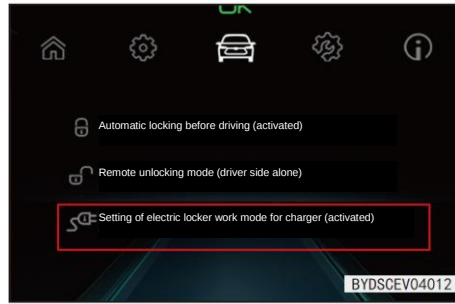


Dashboard control (if fitted)

1. Open the instrument menu, select the vehicle settings interface, and select "Charging port electric immobilizer" function in the level-2 menu "Lock".



2. Select "ON"/"OFF" to select the required function status.



Unlocking operation

- During the charging, the user can unlock and unplug the charger by following methods:
 - Press the smart key button to unlock it;
 - Press the micro switch next to the main driver door handle to unlock it;
 - Press the central lock under the main driver door window to unlock it.

No.	"Electric lock immobilizer working mode" setting status	Vehicle four-door immobilizer lock status	Can the charger be unplugged?
1	ON	Locking	No
2	ON	Opening	Yes
3	OFF	Locking	Yes
4	OFF	Opening	Yes

- As listed in above table, when the vehicle is under status 2/3/4, besides the above-mentioned unlocking operations, the user can press the charger button to unlock and unplug the charger. However, this operation will probably impair the life of charging port or charger and shall be used for emergency only. It's not recommended to use this operation frequently.

Note

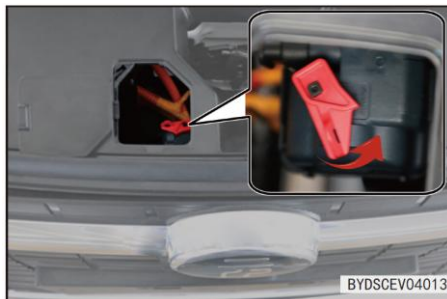
- After the charger is unlocked, the charger can be unplugged within 30s. After 30s, the electric lock is locked again.

Charging port emergency unlocking

When the electric lock is faulty and the charger cannot be pulled out, the car plug can be pulled by emergency unlocking.

AC charging port

1. Open the front hatch and remove the small pentagonal cover on the electric lock.
2. Manually turn the red electric lock paddle 90° anticlockwise to unlock it.



Fault diagnosis during general charge process

Fault status	Possible causes	Solution
The power battery cannot be charged. The physical connection is completed but the charge cannot be started	The power battery is fully charged	The charge will stop automatically when the power battery is fully charged.
	The power battery temperature is lower than -20℃ or higher than 50℃	Before charge, park the car in an environment at suitable temperature to allow the power battery to be heated or cooled to the normal temperature.
	12V battery overdischarge	Connect 12V power supply on other cars. and the battery is charged after the vehicle is started.
	Charge device fault	Ensure that the charge device power indicator is operated normally or there is no any other fault. Otherwise, must replace the charge device for charge or contact the charge device supplier.
	Car display fault	If the power system fault indicator on the dashboard is turned on, or there is a charge system fault tips, must stop the charge; it is recommended to contact BYD Auto Authorized Service Station.
Stop charging during charging	The power supply is disconnected	After the power supply is restored, the charge will be restarted automatically.
	The charge cable is not connected normally.	Ensure the charge connector cable is connected properly.
	The charge switch is pressed	When the charge switch is pressed, the charge will stop; the charge connector should be reconnected for the charge.
	The power battery temperature is too high	When power battery high temperature warning indicator on the dashboard is turn on, the charge will stop automatically, and then restarted after the battery has been cooled down.
	Car or charge post fault	If a car or charge post is faulty, it is recommended to contact BYD Auto Authorized Service Station.
	Press the unlocking mode on the key, micro switch or maintenance switch.	If the charge stops, must pull out the charge gun within 30s. If you want to continue charging, wait for 30s and then enter charging mode automatically.

Power battery

- The power source of the car is a power battery, which can be repeatedly charged and discharged repeatedly, and has an intelligent temperature control system to heat or cool the battery as needed, so as to keep the battery in the optimal operating conditions. The power battery can be charged with an external power source, including household single-phase AC power and charge post single-phase AC power and charge post DC power. When the car is braked or slips, the power battery can also be charged with the motor driven by the engine.

Tip

- The power battery is installed on the underbody. Please drive with cautions on rugged roads.
- Due to the chemical natures of the battery, the performance of the car may be vary in the following cases:
 - When the power battery has high power, the feedback performance of the car will be weakened, when the power is reduced, it will be enhanced, and the feedback performance will be enhanced during the transition period.
 - When the power battery has low power, the acceleration performance of the car will be weakened.
 - When the power battery is at high temperature or low temperature, the charge and discharge capacity will be weakened. At extreme temperature and low power, there may be poor acceleration and insufficient power.
 - When the power battery is at low temperature, its available power will be reduced, and will be decreased as the temperature reduce.

Therefore, it is recommended to drive the car within the battery temperature range of -10°C ~ 40°C ; when the battery power is low, in order to ensure sufficient driving range and good acceleration performance, please charge the battery in time.

- Under normal conditions of the power battery, the driving range of the car is affected by the following factors:
 - Driving habits: The driving range with frequent acceleration and deceleration is shorter than that at constant speed, and the driving range at high-speed is shorter than that at low-speed;
 - Road conditions: The driving range on bumpy or slope road is shorter than that on a flat and dry road;
 - Temperature: The driving range at low temperature is shorter than that at normal temperature;
 - Use of electrical device: The driving range with operating air conditioning is shorter than that without operating air conditioning.

Therefore, it is recommended to avoid frequent acceleration and deceleration, drive the car on a flat dry road; if necessary, turn off high-power electric devices such as, air conditioning, so as to reduce the power consumption of high-power electric devices and increase the driving range.

- When the car is driven in the first time or it is kept for a long time, SOC displayed on the dashboard may be deviated. It is recommended to fully charge the battery for SOC calibration.
- To keep the power battery in optimal conditions, please charge regularly the power battery fully with a charge device (it is recommended for charge at least once a week).
- When the power battery is about to be fully charged, it will enter the slow charge mode. The ending charge time will be extended
- At high or low temperature, the charge capacity of the power battery will be decreased and the charge time will be longer, which is a normal phenomenon. It is recommended to use a high-power charge post or a professional charge cabinet for quick charge.
- Under the low-temperature high battery level status, the charging current is low based on the low-temperature characteristic of battery. Therefore, to shorten the charging time, it's recommended to charge your vehicle at low battery level in low-temperature environments.
- With low-temperature low-power AC charging method, the battery features low self-heating amount due to limitation of charging power. To promote the charging amount, the battery heater will start at that time so that the heating power consumption will increased compared with that with DC charging method and meanwhile the charging time will be longer, which is a normal charging symptom in low-temperature environments.
- To improve the vehicle operation experience, it's recommended to immediately charge your vehicle at completion of use, in order to improve the charging performance due to relatively high battery temperature. If the battery temperature is low, the battery will be probably charged quickly to the completion status to avoid damaging the battery.
- When the A/C system is turned on during the low-temperature charging, the performance of the battery temperature control system and the charging performance of your vehicle will be influenced.
- During driving process, if the temperature of the power battery is too high, its charge and discharge capacity will gradually decreased, so that the battery is cooled down, which is a normal phenomenon. If the temperature of the power battery is increased continuously, the overheating indicator on the dashboard will be turned on; at the time, must park the car until the battery overheating indicator is turned off. If the overheating indicator is not turned off after a long time or is always on, it is recommended to contact BYD Auto Authorized Service Station for maintenance.
- The battery heater is a slow-to-warm heater. For short-time driving, the performance of the battery temperature control system will be not obvious and the power consumption will be increased and the driving range will be shortened. For long-time driving, the battery heats up intrinsically to continuously increase its temperature. In such case, the battery heating need for your vehicle is low. To better improve your vehicle operation experience, the battery temperature control system is mainly functioned to guarantee the low-temperature charging performance.

- For long-time parking of vehicle, please park the vehicle in a warm area, such as underground garage and warm warehouse, in order to reduce the heat loss of battery and guarantee the operating performance of vehicle.

** Note**

- In order to ensure the safety of the power battery, the car should be kept away from flammable and explosive materials, fire sources and various hazardous chemicals.
- The available battery power can be reduced as the car use time increases.
- The car should be charged and parked away from the heat sources to avoid long-term exposure to sunlight; otherwise the service life of the power battery will be reduced.
- Do not store the car at temperature of more than 40℃ for a long time (more than 15 days); otherwise the service life of the power battery will be reduced.
- When the car is not used for a long time (more than 7 days), must keep the battery power at 30%~50%; otherwise, the service life of the power battery will be reduced. If it is not used for more than 3 months, the power battery must be fully charged and discharged to 30%~50% once; otherwise, the power battery may be over-discharged, resulting in its performance reduce or even damage; the resulted fault and damage will not be beyond the warranty range.
- The big-current charge and discharge may reduce the service life of the power battery. It is recommended to use a low-power charge device for charge and avoid the rapid acceleration and deceleration of the car.

** Warning**

In case of an emergency accident, please note the following warnings:

- To avoid personal injury, do not touch the power battery directly;
- Please contact BYD Auto Authorized Service Station as soon as possible;
- If there is liquid leakage when the power battery is damaged, do not touch the liquid; if the liquid accidentally contacts your skin or gets into eyes, must rinse them with plenty of water and seek medical service immediately;
- In case of a car fire, must use a special fire extinguisher to extinguish it; do not use a water-based fire extinguisher.

Power battery recycling

When a new energy car meets the scrapping requirements, it should be scrapped in the steps as follows:

1. Take the car to BYD recycling outlet, to evaluate the residual value of the power battery.
2. Take the evaluated car to the scrapped car recycling and dismantling plant to disassemble the power battery.
3. Transfer the used power battery removed at the car recycling and disassembly plant to the service outlet for its repurchase.

Warning

- New energy car owners have the responsibility and obligation to hand over the used power batteries to the recycling service outlet. If the used power battery is handed over to other organizations or individuals for disassembly and dismantling, the resulted environmental pollution or safety accident shall be borne by the users.

Battery

- Check the conditions of the power battery once a month. Check the terminals for corrosion.
- If there is some corrosion on the terminals, must apply a soda solution onto the surface of the terminals, where some bubbles will be generated and the soda solution will be gradually turned into brown. After the bubbles are no longer emitted, wash the terminals with clean water and wipe them with a cloth. Finally, apply the grease onto the surfaces of the terminals to prevent corrosion.
- If the connector is loosened, tighten the nut on the clamp to a certain tightening torque. Tighten the pressing device to hold the battery in place. If the pressing device is tightened excessively, it will damage the battery box.

Tip

- If the battery electrolyte is insufficient, must replace the battery; do not add the electrolyte without permission.
- If you leave the car, must close the doors and turn off all electrical devices.
- If the car is placed for a long time, please disconnect the negative battery cable.

⚠ Warning

- The battery may produce flammable and explosive hydrogen. Do not allow the battery to generate any spark when using a tool. Do not smoke or fire near the battery.
- Prevent the electrolyte from coming into contact with eyes, skin or clothing.
- Do not drink the electrolyte by mistake.
- Wear the goggles when working near the battery. If the electrolyte splashes into the eyes, must rinse them with plenty of water and seek the medical service immediately.
- Do not allow children to get close to the battery.
- If the electrolyte splashes on the skin, must rinse the skin with soda solution. If there is a pain or burn feel, must seek the medical service immediately.
- If the electrolyte splashes on the clothing, it may penetrate into the skin. Must take off the clothing immediately; if necessary, treat the skin as described above.
- If the battery is connected to any other charger, must disconnect both the positive and negative cables, to prevent the damage to the electrical system in the car.
- If the cable is not disconnected, the battery will be charged, which may seriously damage the electronic control devices in the car. Before the battery is connected to the charger, must disconnect the battery cable firstly.
- If the battery is exhausted, the clock and channels preset on the audio system will be canceled. The clock and preset channels must be set again.

⚠ Note

- When checking the battery, must remove the grounding cable from the negative connector (with "-" mark) firstly and install it finally.
- Must avoid short circuit when using a tool.
- When cleaning the battery, do not to allow any liquid to enter the battery.

Running-in period

- If the powertrain is difficult to start or stop frequently, must check the car immediately.
- If there is an abnormal sound from the powertrain, must park the car for inspection.
- If there is a serious antifreeze and oil leakage from the powertrain, must park the car for inspection.
- The powertrain needs for running-in. It is recommended to drive the car smoothly for 2000km in ECO mode for running-in; must avoid high-speed driving and follow the simple operation essentials below to extend the service life of the car:
 - Avoid stepping the accelerator pedal to the end during start and driving processes.
 - Avoid the overspeed during driving process.
 - Avoid emergency braking within the first 300km.
 - Do not drive the car at a single high-speed or low-speed for a long time.

Trailer towing

- The car is designed primarily to carry passengers. For the safety of yourself and others, do not overload it or tow a trailer.
- If towing a trailer, the control, performance, braking, durability, and economical driving and power consumption may be affected adversely.
- The driving safety and comfort depends entirely on the proper use of the devices and the good driving habits.
- BYD Auto does not provide the warranty for any damage or fault due to towing a trailer for commercial purposes.

How to save the power and extend the service life of your car

- The saving method of the battery power is simple and easy, and it can also help to extend the service life of the car.
- There are some essentials to save the power and repair costs:
 - The car has energy recovery function and energy recovery intensity setting function, which can be set in the setting function in multimedia and dashboard. When the energy recovery mode is set to a high position, the power recycled during braking and taxiing processes can be increased. Please set these parameters based on your driving habits.
 - The driving at a constant speed can save the power. Rapid acceleration, sharp turns and sudden braking may consume more power.
 - Keep your driving speed as uniform as possible based on the road conditions. Each time of acceleration may consume additional power.
 - Much energy can be saved in the cruise control mode (if fitted) under proper driving conditions.
 - The operating air conditioning may add an additional load to the motor, so as to consume more power. Turn off the air conditioning to reduce power consumption. When the outside air temperature is appropriate, the outdoor circulation mode should be used to supply the air in the car.
 - Maintain the correct tire pressure. Any insufficient tire pressure will cause tire wear and waste of electrical power.
 - Do not load any unwanted items in the car. Excessive weight will increase the load on the powertrain, resulting in a large power consumption.
 - Slowly and smoothly accelerate the car. Avoid rapid start, rapid acceleration, and rapid deceleration.
 - Avoid unnecessary parking or braking. Drive the car at a smooth speed, follow traffic lights and minimize the number of stops. Or drive the car on the avenue without traffic lights, and maintain a proper driving distance with the preceding car, to avoid emergency braking, so as to reduce brake wear.
 - Avoid roads with heavy traffics or traffic jams as much as possible.
 - Do not place the foot on the brake pedal, otherwise it will cause fast wear and overheating of the brake linings and a large power consumption.
 - Maintain a proper driving speed on the highway. The higher the driving speed is, the power consumption is more. It can save the power to keep the driving speed within the economic speed range.
 - Maintain the proper alignment of the front wheels. Avoid hitting the road curbs and must drive the car slowly on rough roads. Any inaccurate alignment of the front wheels not only can cause excessive wear of the tires, but also can increase the

load on the powertrain, resulting in excessive power consumption.

- The chassis of the car should be kept clean and free of mud and other materials. Otherwise, it not only can reduce the weight of the body, but also can prevent corrosion.

 Note

- Do not drive the car in neutral position.

Carry the luggage

- The car is provided with several convenient storage spaces for item storage.
- The storage box, the storage box on the interior trims and the file pocket on the seat backrest are designed to store small and lightweight items, while the luggage compartment is designed to store larger and heavy items.
- The long objects can be loaded onto the vehicle after the seats are folded. However, too much luggage or improper loading may affect the control, stability and normal operation of the car and reduce the safety of the car.
- When loading the luggage, the total mass of the body, all passengers, and luggage must not exceed the maximum allowable mass.

Warning

- Overloading and improper loading can affect the control and stability of the car and result in a collision.
- Please follow the g load limit and other loading guidelines in the manual.
- Do not carry any strongly magnetic objects on the vehicle, in order to prevent disturbing the normal operations of vehicle.

Carrying the items in the passenger compartment:

- Must fasten securely all items that may be thrown into the car and cause injury.
- Do not store any item on the rear window sill; otherwise, it will hinder your view of sight and will be thrown around in the car in case of a collision.
- Ensure that the items placed on the floor behind the front seats do not roll under the seat, to avoid affecting the driver ability to control the pedals or normal adjustment of the seats. Do not stack the items at height beyond the front seat backrest.
- Ensure that the storage box is always closed during driving process. If the storage box lid is opened, it may hurt the passenger knee in case of a collision or emergency braking.

Carry the luggage in the luggage compartment:

- Place the luggage evenly on the floor in the luggage compartment, and place the heaviest item as far forward as possible on the bottom and.
- Fasten the item with a rope or chain so that it is not moved during driving process. Do not stack the items at height over the front seat backrest.

For the rope or chain to fasten the luggage in the luggage compartment, please contact BYD Auto Authorized Service Station.

Fire prevention

In order to prevent a car fire, the following precautions must be observed in use:

- Do not store flammable and explosive materials in the car;
 - In hot summer, if the temperature in the car parked in the sun is up to 60~70℃ and there are flammable and explosive items in the car, such as lighter, cleaning agent and perfumes, it will easily cause a fire and even explosion.
- After smoking, ensure the cigarette butt is completely extinguished;
 - If the cigarette butt is not completely extinguished, it may cause a fire.
- It is recommended to contact BYD Auto Authorized Service Station regularly for inspection;
 - Must check all wiring harness in the car regularly. The connectors, insulation and fixed positions of the electrical appliances and wiring harness should be normal. In case of any fault, it should be eliminated in time.
- Do modify the wiring harness in the car and install electrical devices;
 - If adding other electrical appliances (such as, high-power audio, Xenon headlights, etc.), it may cause excessive wiring load, resulting in the wiring harness overheating and even a fire.
 - Do not replace the fuse with any one that exceeds the rated sizes or any other wire.
- Choose the parking position correctly;
 - Must park the car far away from the place exposed in the sun.
- Always provide a light fire extinguisher in the car and master its operation method;
 - In order to ensure the safety of the car, must provide a fire extinguisher in the car, and inspect and replace it regularly; at the same time, must master its operation method, to prevent any accident.
- When the car is repaired or maintained, must disconnect the negative battery terminal;

In case of a fire, must take effective measures in a timely manner to minimize the losses:

- A fire is always attached with some early warnings, such as abnormal noise and odor in the body; If any abnormality is found, must park the car in time in a shelter, and then remove the fire extinguisher for firefighting;
- Call 119 and the report phone of the insurance company in time, and ask the insurance company to go to the site for processing;
- After the fire is extinguished by the fire brigade, must ask for the work document and the fire cause description;
- After the accident, contact the insurance company in time for post-processing.

 Tip

- In order to prevent any loss caused by an accident in the car, it is recommended to buy the commercial insurances (such as, fire loss insurance, car theft insurance, etc.).

Start

Preparations before driving

- Must check the surroundings before driving.
- Adjust the seat position, seat backrest angle, seat cushion height, head restraint height, steering wheel angle and height.
- Adjust the interior and exterior rearview mirrors.
- Close all doors.
- Fasten your seatbelt.

Safety check before driving

Outside of the car

- Tires: Check the tire pressure with a tire pressure gauge and carefully check the tires for cuts, damage or excessive wear.
- Wheel nuts: Ensure that the wheel nuts are not loosened or lost.
- Lighting: Ensure that headlights, parking lights, small lights, turn signals, and other lights are operated normally. Check the light intensity of the headlights.

Inside of the car

- Seatbelt: Check whether the seatbelt buckle is fastened. Ensure that the seatbelt is not worn or scratched.
- Dashboard: In particular, ensure that the maintenance indicators, dashboard lights and defroster are operated normally.
- Brake: Ensure the brake pedal has enough movement space.

Front cabin

- Spare fuses: Ensure that all types of fuses are available, including all sizes for the fuse box.
- Antifreeze level: Ensure the antifreeze level is correct.

Start method

Normal start method:

- Apply the parking brake firmly.
- Turn off all unwanted lights and accessories.
- Place the shift lever in "P" or "N" position;
- Fully depress the brake pedal;
- Provided that a valid key is within the vehicle, press the "Start/Stop" button to start the vehicle.

Start method in non-power mode:

If the car cannot be started because the power of the battery in the electronic key is too low, the car can be started in the steps as follows:

- If depressing the brake and pressing "Start/Stop" button at the same time, the smart key system warning indicator will be turned on and the buzzer will sound once;
- Within 30s after the buzzer sounds, if placing the smart electronic key close to the start switch, the buzzer will sound once again; at the time, the smart key system warning indicator will be turned off and the car can be started.
- The car can be started within 5s after the buzzer sounds.

Note

- Each start time should not exceed 20s; otherwise the wiring system will be overheated.

The car cannot be started

- In the following cases, the car will not be started:
 - When the start button is pressed, if the smart key system warning indicator is turned on, the buzzer sounds, and "No Key Detected" is displayed in the intermediate information screen on the dashboard, the electronic smart key is not in the car or not detected due to some interferences.
 - Even if the electronic smart key is in the car, the car cannot be started in these cases (for example, it is on the floor, in the cup holder, in the luggage compartment or in the right storage box).
- When the start button is pressed, if the start function cannot be performed normally, it may be caused by the following causes:
 - If the electronic smart key is not operated, the smart key system warning indicator on the dashboard flashes, and "Key Battery Is Low-voltage" is displayed in the

intermediate information screen on the dashboard, the battery of the key may be exhausted. Placing an intelligent electronic key into the glovebox of auxiliary dashboard can start the vehicle. Otherwise, replace the battery of intelligent electronic key as soon as possible.

- If the motor cannot be started once, it must be restarted after at least 10s.
- In addition to the above cases, due to the use environment, the smart access and keyless start system may not be operated normally in some other cases. For details, see "Intelligent Access and Start System" in "Section 3 - Controller Operations".

Emergency start method

- Apply the parking brake firmly.
- Turn off all unwanted lights and accessories.
- Place the shift lever in "P" or "N" position;
- Turn the power switch in "OFF" position.
- Carry the electronic smart key in the car.
- Press and hold the start button for more than 15s to start the car.

Remote start function

“Remote Start Function” of the electronic smart key

Before start

1. Turn the power switch in “OFF” position;
2. Place the shift lever in “P” position;
3. Maintain the speed at less than 5km/h.

Start

1. Press and hold “Remote Start/Stop” button on the electronic remote key for 2s to start the car; after the successful start, the turn signal will flash 3 times.
2. After the remote start is successful, if no valid operation is performed within 10min, the car will be shutdown, the power switch will be turned to “OFF” position, and the turn signal will flash twice;
3. After successful start, press and hold “Remote Start/Stop” button on the electronic remote key for 2s, the car will be shutdown, the power switch will be turned to “OFF” position, and the turn signal will flash twice.

Gear actuator

The transmission gears are marked on the gearshift panel, as shown by arrow **1** in right diagram.

Gear P is the parking gear. Press the button shown by arrow **2** in right diagram to apply the parking brake. Shift to this gear before starting or stopping the motor. At the start of vehicle, depress the brake pedal and then shift from gear P to other gear.



Note

- To avoid damage to the transmission, "P" button can be pressed after the car is parked completely.
- "R" is the reverse position and can be used after the car is parked completely.
- "N" is neutral position and can be used when the car is parked temporary; ensure to shift to parking gear before getting off the vehicle for whatever purpose.
- "P" is the parking position and can be used to park the car.
- "D" is the driving position, and can be used during normal driving process.
- After a successful shift, if your hand is released, the shift lever will be automatically returned to the middle position.

Para engranarse, debe presionar al mismo tiempo la tecla **1** "unlock" para habilitar "R" "N" "D".



Warning

- If the car is still moved after the motor is turned off and “N” position is engaged, the transmission will be seriously damaged due to lack of the lubrication.
- When the motor is running and “R”/“D” position is engaged, must depress the brake pedal to park the car, because the transmission can transmit the power even under idle conditions, and the car may be moved slowly.
- If the gear position is shifted during driving process, do not depress the accelerator pedal to prevent an accident.
- Do not push the shift lever into “R” position or press the “P” button while the car is running, to prevent an accident.
- Do not drive the car in “N” or “P” position on a slope road, even if the motor is not running.
- To prevent the car from inadvertent movement, must apply the parking brake and press “P” button after the car is parked.

Electronic parking

When parking and leaving the car, must keep the electronic handbrake switch in the application status.



Apply the electronic handbrake manually

If applying the handbrake, the indicator  on the dashboard will flash first; after the indicator  is always on, it indicates that the electronic handbrake is applied, and “Electronic Parking Activated” will be displayed.

Automatic application function of the electronic handbrake

- If the car is shutdown or “Start/Stop” button is turned to “OFF” position, the electronic handbrake will be applied automatically, the indicator  on the dashboard will be turned on and “Electronic Parking Activated” will be displayed.
- When the driving speed is less than 3km/h, the gear should be in “D/R” position; when any door is opened, the gear should be in “P” position and the electronic handbrake will be applied automatically.

Release the electronic handbrake manually

Press “Start/Stop” button to “OK” position or start the car, depress and hold the brake pedal in “P” position and press the switch, until the indicator on the dashboard is turned off, indicating that the electronic handbrake is released; “Electronic Handbrake Released” will be displayed.

Release the electronic handbrake automatically when the car is started

- If the car is started in the parking status, depress and hold the brake pedal, when switching the gear position from “P” or “N” to the driving position “D” or “R”, the electronic handbrake will be released automatically, the indicator  will be turned off and “Electronic Handbrake Released” will be displayed.
- When the car is started and the gear position is in the driving position “D” or “R”, if applying EPB manually and depress the accelerator pedal to a certain depth, EPB will be released automatically, the indicator  will be turned off, and “Electronic Handbrake Released” will be displayed.

Note

- Please follow the correct shifting operation, and must depress and hold the brake pedal during the shifting process.
- When the car is started in the first time, it can be driven after 3s.
- When the shift level is switched from “P” position to any other position, only if depressing the brake at 0.4s before shifting, EPB can be released. Otherwise, must depress the throttle pedal to release EPB.

Ramp start (HHC)

When the car is equipped with ESP and EPB, and the shift level is switched from “P” position to “D” or “R” position (driving position), ESP HHC (slope start) will action firstly; if HHC is faulty, EPB in “P”, “D” or “R” position will not be released. If depress the accelerator pedal, the car can be started easily.

Emergency braking function

If the car is braked during driving, but the foot brake is faulty or blocked, the electronic handbrake switch can be applied continuously to brake and park the car forcibly. At the time, the indicator on the dashboard will be turned on, an alarm will sound and "Electronic Parking Not Released" will be displayed.

** Warning**

- Must avoid the application of the electronic handbrake as much as possible; the emergency braking function can only be activated only when the foot brake is faulty or a the brake pedal is blocked.
- Because the electronic handbrake cannot exceed the physical limit of road adhesion, must avoid application of emergency braking function on corner sections, dangerous sections, traffic jamming sections under bad weather conditions; otherwise, it may cause driving instability, slipping or deviation, resulting in an accident.

Invalid release function

- When the electronic handbrake is not released manually, must press and hold the  switch for more than 2s. If the electronic handbrake can be released, please drive the car to the nearest service station as soon as possible, to check the brake pedal switch signal and related parts and lines; if it still cannot be released, it is recommended to contact BYD Auto Authorized Service Station immediately.
- During driving process, ESP system should be operated normally. If the brake is blocked or faulty, CDP (Deceleration Control Function) function can be used for emergency braking, with the specific operation as follows:
 - If only the electronic handbrake switch is applied, the brake deceleration should be 0.4g;
 - If the electronic handbrake switch is applied and the brake pedal is depressed at the same time, the brake decelerates should be 0.8g.
- Do not apply EPB for forced braking if the brake is not faulty or the brake pedal is not blocked.

Electronic handbrake system indicator

- If the electronic handbrake is applied when "Start/Stop" button is turned on, the indicator on the dashboard will be turned on.
- If the electronic handbrake is applied when "Start/Stop" button is turned off, the indicator on the dashboard will be turned off after about 30s.
- If the electronic handbrake system is subject to the self-test when "Start/Stop" button is turned on, the indicator () on the dashboard will be turn on and off after about 3s; if it is not turned off, it indicates that the electronic handbrake system may be faulty. It is recommended to contact BYD Auto Authorized Service Station.

Electronic hand brake operating sound

- During the applying and releasing processes of the handbrake, the motor running sound from the electronic handbrake system will be heard.
- After the emergency braking, if there is no burnt smell or abnormal noise, it is recommended to contact BYD Auto Authorized Service Station for inspection immediately.

** Warning**

- In order to prevent slipping, when leaving the car, do not use the shifting mechanism instead of the electronic handbrake to park the car; must place the electronic parking brake in "P" position.
- When the car is running, the passengers in the car cannot apply the electronic handbrake switch; if the electronic handbrake is applied fully, it may cause a serious accident.
- When the electronic handbrake is in the applying or releasing process, please depress the brake pedal as much as possible to prevent the car from slipping or gear position from blocking when the electronic handbrake does not provide sufficient parking force.

Driving essentials

- Must lower the driving speed in the headwinds to control the car.
- Must drive the car slowly and keep it at the correct angle on the side of the street. Do not drive the car on objects with high and sharp edges or other road obstacles; otherwise it may cause a serious damage to the tires.
- Must lower the driving speed on bumpy roads. Otherwise, the impact may cause serious damage to the wheels.
- When cleaning the car or driving through deep water, do not wet the brakes, must drive the car carefully and gently depress the brake pedal to ensure that the brakes are dry.

Tip

- Before driving, ensure that the electronic parking is fully released and the parking brake indicator is turned off.
- Do not leave the car while the drive motor is running.
- Do not put your foot on the brake pedal while driving. Otherwise, it may lead to dangerous overheating and wear of brakes and waste of electrical power.
- When driving on steep slopes with long distances, must lower the driving speed and switch to low-speed gear position. It should be noted that if the number of brake applications is too many, the brake disc will be overheated and cannot be operated normally.
- Must be careful when accelerating, shifting, or braking on a smooth road. Any rapid acceleration or braking may cause slipping or driving deviation.
- Do not extend your head or hands out of the window during driving process, to avoid any traffic accident and even death; especially for children in the car.
- When driving on wet roads, must avoid the road sections with excessive water.
- A large amount of water entering the front cabin will cause damage to the power system and electrical applications.

Warning

- The driver shall ensure the riding safety of the passengers on the vehicle, instruct the passengers for correct use of vehicle functions, and prevent the passengers, including children, from incorrectly operating any control switch such as window switch.

Notes on driving on the water sections:

- Before entering the water sections, must understand the depth of the water and ensure the water level must not exceed the lower edge of the body.
- Before the car is waded, must turn off the air conditioning, lower the driving speed, gently depress and hold the accelerator pedal, to pass the water sections at a steady and slow speed.
- Do not park the car in the water, and do not reverse the car or turn off the motor in the water.
- Driving the vehicle through deep water will probably wet the brakes. Drive with cautions. After the car is waded successfully, must gently depress the brake pedal continuously several times to evaporate the water on the brake discs and restore normal braking performance as soon as possible.



Warning

- If there is water or mud on the surface of the brake discs, the brake response may be delayed, so as to extend the braking distance and cause an accident.
- Must apply the brake carefully, dry the wet brake, and remove the ice from the brake.
- Avoid the emergency braking as much as possible after driving through the water section.
- If the car is driven on a low-lying water section. Please be careful to avoid the motor from entering the water; otherwise the motor will be seriously damaged. The resulted fault and damage will not be warranted.
- After the car is driven through the water section, the components, such as transmission system, driving system and electrical systems may also be severely damaged. The resulted fault and damage will not be warranted.

Winter driving essentials

- Ensure that the antifreeze can provide the correct freezing protection.
 - Use the same antifreeze as the original model, and select the appropriate antifreeze model for the cooling system based on the ambient temperature.
 - Any use of an improper antifreeze will damage the motor cooling system.
- Check battery and cable conditions.
 - The capacity of the battery will be reduced in cold weather; therefore, the battery should be fully charged for winter start.
- The door locks must not be frozen by ice and snow.
 - Spray some de-icing agent or glycerin in the keyhole of the door to prevent freezing.
- Use a washing solution containing antifreeze.
 - These products can be available at BYD Auto Authorized Service Stations and all auto parts stores.
 - The mixing ratio of water and antifreeze should be in accordance with the manufacturer instructions.

Note

- Do not use other substitutes as washing solution, otherwise it may damage the paints on the body.

6. Avoid any ice and snow under the fenders.
 - Any ice and snow under the fenders may cause steering difficulty. When driving in the cold winter, must park the car and check for ice and snow under the fenders at regular intervals.
7. Depending on the driving conditions, it is recommended to carry some necessary emergency devices or items.
 - A snow chain, a window scraper, a bag of sand or salt, some signal devices, a spatula, a connecting cable, and etc., should be provided for the car.

Cruise control (if fitted)

The cruise control can maintain the car at the preset speed of above 40km/h without depressing the accelerator pedal. The function can be activated when driving on a straight highway.

Configuration 1

Activate the cruise control

- Increase the driving speed to over 40km/h.
 - Press the cruise control master button  ("Cruise") on the right side of the steering wheel; the cruise master indicator on the dashboard will be turned on.
 - Click  "SET" button to activate the cruise control; the cruise control indicator on the dashboard will be turned on.



Change the set speed

- Increase the preset cruise speed:
 - If pressing and holding  "+Reset" button, the car will be accelerated continuously. When the desired cruising speed is reached, release the button.
 - Depress the accelerator pedal to accelerate the car to the desired cruise speed and press  "SET" button.
 - To increase the speed slightly, press  "+Reset" button repeatedly. When the button is pressed once, the driving speed will be increased by about 2km/h.
- Reduce the set cruise speed:
 - Press and hold  "SET" button to lower the driving speed. When the desired speed is reached, release the button.
 - Gently depress the brake pedal to decelerate the car to the desired speed (40km/h or more), and press  "SET" button. The car will be maintained at the desired speed.
 - To reduce the speed slightly, press  "SET" button repeatedly. If the button is pressed once, the driving speed will be reduced by about 2km/h.

Cancel/turn off the cruise control

- Fully depress the brake pedal;
- Press  "Cancel" button on the steering wheel.
- Press  "Cruise" master button.
- Exit "D" position.

Tip

- When  "Cruise" master button is not turned off, if the driving speed is greater than 40km/h after canceling the cruise control, the cruise control can be resumed by pressing  "+Reset" button.
- When the acceleration is exceeded, the cruise control will be exited temporarily; when the throttle pedal is released, the cruise control will be resumed automatically.
- When driving up and down roads, the set speed cannot be maintained with the cruise control.

Configuration 2**Turn-on/turn-off of cruise control system**

- Start the vehicle, shift to gear D, and press the cruise control switch **1**. In such case, the indicator lamp  on the combination instrument turns on.
- Press the cruise control switch **1** again or turn off the vehicle power supply to turn off the cruise control system.

**Set**

When the vehicle speed exceeds the preset speed, press the Set button **4** to set the current vehicle speed as target cruise control system. In such case, the "SET" indicator lamp on the instrument turns on to indicate the successful setting.

Adjustment of speed

- Operate upward the handle **2**. Press to increase the cruise control speed by a rate of 2km/h and press and hold to increase continuously.
- Operate downward the handle **2**. Press to reduce the cruise control speed by a rate of 2km/h and press and hold to reduce continuously.

Resume

- Press the Resume button **5** to resume the set speed prior to the last turn-off of cruise control mode. If no cruise control speed is set, the current vehicle speed is set as the target cruise control speed.

Cancel current set speed:

- Press button **3** or depress brake pedal to cancel the current set speed.

Overridden acceleration

Under the cruise control mode, depress the accelerator pedal to accelerate the vehicle. If no operation is made after acceleration, the vehicle speed restores to the set speed prior to the acceleration. Pressing the Set button **4** while depressing the accelerator pedal can set the current vehicle speed as target cruise control speed and drive this vehicle at this cruise control speed.

! Warning

- Incorrectly activating the cruise control system will probably cause impact accidents.
- Activate the cruise control system only when the vehicle is driving on unobstructed expressways under good weather conditions.

iTip

- During the in-situ idling after the start of vehicle, the cruise control speed setting interface can be accessed, but the cruise control speed can't be set.
- After the start of vehicle, with gear D engaged and vehicle speed at <40km/h, activating this system can access the cruise control speed setting interface, but the cruise control speed can't be set.

Panoramic image system (if fitted)

Press the “Panoramic view” button on the steering wheel to enter the panoramic view interface.

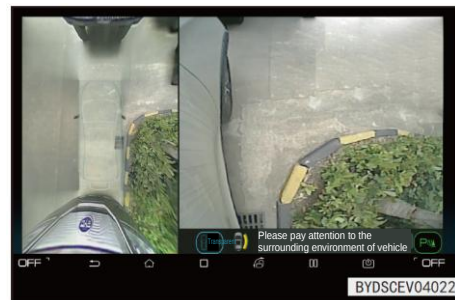
Configuration 1



Configuration 2



- Press the front, rear, right, or left side of vehicle icon in the left zone to display the individual front, rear, right, or left view in the right view zone.
- In the individual front or right view, double press the view zone to switch over to 180° view in full screen.



Press the sensor icon in the panoramic view to turn on the sensor display and press again to turn off the sensor display. After the sensor display is turned on, at the approach of any obstacle, an obstacle warning is displayed in the view.

Warning

- The system is equipped with wide-angle fisheye cameras, so the object in the display screen may be deformed in comparison with the actual object.
- The panoramic image system is only used for an auxiliary parking/driving. It is not safe to park or drive the car only based on the system, because there are some blind spots before and after the car. The surroundings of the car should be observed in other ways during parking/driving process to avoid accidents.
- When the exterior rearview mirrors are not extended in place, do not use the panoramic image system; when the panoramic image system is used for parking/driving, must ensure that all doors are closed.
- The distance to an object displayed on the panoramic image screen may be different from the distance felt subjectively, especially when the object is closer to the car; the driver should judge the distance between the car and the object in various ways.
- The camera is mounted on the front grille, on the exterior rearview mirror and above the rear license plate. Ensure that any camera is unobstructed.
- When rinsing the body with high- voltage water, try to avoid directly rinsing the camera, so as not to affect its performance.
- Do not tap the camera in any way; any tap may cause its malfunction or damage.
- After the car is powered on, if the multimedia system is not fully activated, and the panoramic image start button or the reverse gear is operated, the output on the panoramic image screen will be delayed.

Parking image system (if fitted)

- The parking image system can help the driver for parking by displaying the image of surrounding objects in real time.
- The parking image system is an auxiliary parking mean, including reversing image mode and front right image mode.

Tip

- The system can be used with the parking assist system and interior and exterior rearview mirrors, but it cannot be relied excessively; when the surrounding space is very narrow, please direct the parking if necessary.
- Do not just observe the screen during parking process. The distance between the object and the plane perceived on the screen is deviated from the actual distance. If the screen is just observed, your car may collide with other cars, pedestrians or obstacles. Be sure to first observe the surrounding objects and then park your car under the guidance of the parking image system.
- Do not use the system when the back door is not completely closed.
- In case of a collision, the position and installation angle of the camera will be changed. It is recommended to contact BYD Auto Authorized Service Station to check the position and installation angle of the camera.
- The camera is equipped with a dustproof and waterproof structure, which cannot be disassembled, removed or modified. Otherwise, it may not be operated normally.
- If the temperature is changed quickly, the system may not be operated normally.
- If water, snow, or dirt is attached on the lens, it should be washed with water and wiped with a soft cloth. Any foreign object that are not easily wiped off, such as grease, rubber, etc., should be cleaned with a mild detergent and water, and then wiped with a soft cloth.
- Do not stick any organic solvent, car wax, window cleaner or glass film onto the camera; if any, it should be removed immediately.
- Check the objects around the car; because the displayed image may be blurred or dark, when the outside temperature is low, the moving image may be distorted or not visible. When parking, must confirm the situation around the car by observation and through the rearview mirrors.
- Do not use the parking image system when turning on the turn signals or the emergency warning indicator. If there is flashing light around, must turn off the parking image system. A flashing light can cause a flashing image on the screen, which can affect your view of environment and even affect your parking, resulting in an accident.

Note

In the following cases, even if the system is operated normally, it may be difficult to see the image on the screen.

- In the dark (such as at night);
- The temperature near the lens is extremely high or low;
- There are water droplets on the lens or the humidity is too high;
- There are foreign objects (such as snowflakes or dirt) on the lens;
- There are scratches or dirt on the lens;
- There is a strong light on the lens.

If the camera captures a strong point source, a spot will displayed on the screen, and the spot will interfere with the surrounding condition, resulting in a blurred image.

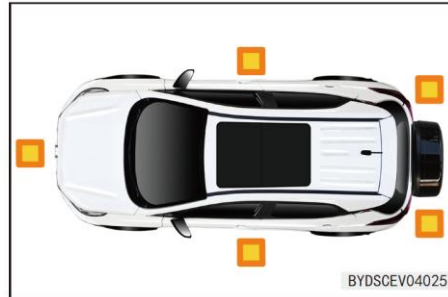
Use the parking image system

- When the power switch is at "OK", press the button on the steering wheel to turn on the right front view mode and press the button again to turn off the right front view mode.

Configuration 1**Configuration 2**

- The camera has a limited field of view. The objects at the corners on both sides of the bumper or below the bumper are not visible on the reversing image, and the objects on the front of the car and the rear right middle of the car are not visible on the front right image, as shown below:

The object is near the corner of the bumper, in the middle of the body or in front of the body.



The object is below the rear bumper

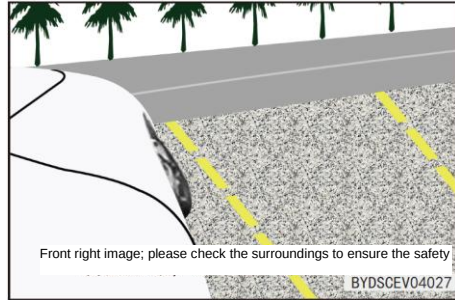


Parking operations

- The parking image system should be activated when the car is parked.
- The front right image mode can be started directly if the car is not reversed. The car can be slowly approached to the position to be parked by directly observing the surrounding environment and the image system.
- If the start button is turned to "OK" position and the shift lever is turned to "R" position, the reverse image mode will be activated; if pressing "⏏" button on the steering wheel, the reverse image mode and the front right image mode will be switched cyclically.

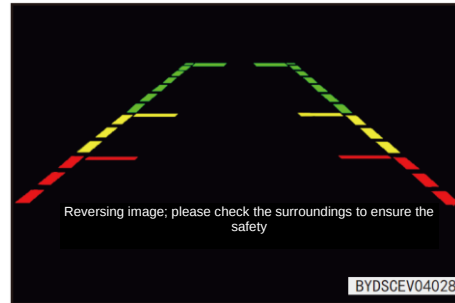
Parking assist image (if fitted)

Front right image



Reversing image

- The two lines in the image are the reverse safety lines.
 - Red: within about 0~0.5m
 - Yellow: within about 0.5~1m
 - Green: within about 1~3m
- The area displayed is based on the car direction and the road conditions.



Tip

- The system can only be used for assist parking, and cannot replace the driver judgment on the external conditions. In any case, the driver should be responsible for the safety of the car; when reversing, must confirm that there is enough space to observe the surroundings of the car at any time.
- The reversing safety lines are only used to provide the distance reference for the car under no-load conditions.

Parking assist system (if fitted)

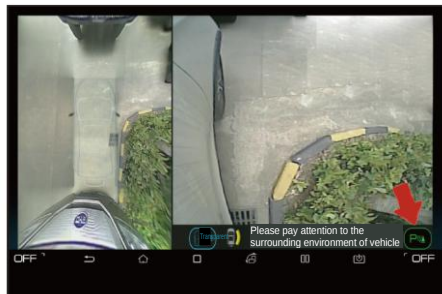
- While parking the vehicle, the parking assist system alerts the driver of the distance between vehicle and obstacles by the image display on the multimedia display screen (if fitted) and the warning tone of the loudspeaker. This system utilizes the sensors to detect obstacles.
- The parking assist system is a method to assist the reversing. During reversing, please observe the areas behind and surrounding the vehicle.
- When the vehicle enters reversing status, the system automatically enters the reversing view interface.
- For your driving safety, in the reversing view interface, all buttons are non-operational except the volume and telephone related buttons.
- The interface restores when the vehicle exits the reversing status.

Warning

- Do not use the parking assist system when the driving speed exceeds 10km/h.
- Do not attach any other items within the operating range of the sensor.
- Do not rinse the sensor with water or steam when washing the car; otherwise, the sensor may be damaged.

Reversing sensor power switch

- When the power switch is at "OK" or the gear R is engaged, the parking assist system turns on automatically.
- Under the system OFF status, press the reversing sensor switch on the multimedia display screen to turn on the system. Under the system ON status, press the reversing sensor switch again to turn off the system.
- Under the system ON status, there is a warning tone upon detection of any obstacle around the vehicle. Under the system OFF status, there is no warning tone.

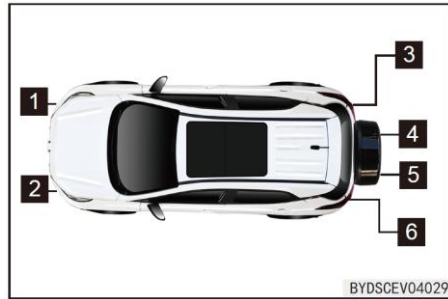


Type of sensors

- When the sensor detects an obstacle, the icon will be displayed on the multimedia display (if fitted) based on the shape of the obstacle and the distance between the car and the obstacle.
- When the car is parked in a vertical queue or into its garage, the sensor can be used to measure the distance between the car and the obstacles and is communicated with the driver via the multimedia display (if fitted) and the buzzer. When using the system, be sure to pay attention to the surroundings.

Sensor position

- Sensor at front right corner (if fitted)
- Sensor at front left corner (if fitted)
- Sensor at rear right corner
- Sensor at rear right center
- Sensor at rear left center
- Sensor at rear left corner



Distance display and warning

- When the sensor detects an obstacle, it will display the direction of the obstacle and the approximate distance between the car and the obstacle and the buzzer will sound based on the distance between the nearest obstacle and the car.

Central sensor

Approximate distance (mm)	About 1200 ~ 800	About 800 ~ 500	About 500 ~ 200
Rear central sensor display example			
Speaker	Low speed	High speed	Continuous sound

Rear corner sensor operation example

Approximate distance (mm)	About 600 ~ 500	About 500 ~ 200
Rear sensor display example		
Speaker	High speed	Continuous sound

Front corner sensor operation example

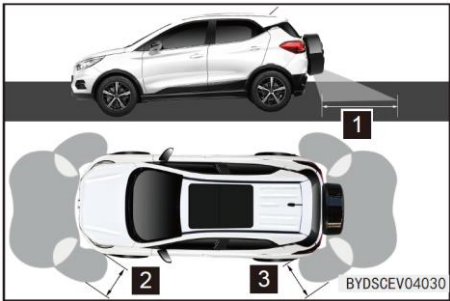
Approximate distance (mm)	About 600 ~ 500	About 500 ~ 200
Front sensor display example		
Speaker	High speed	Continuous sound

Sensor test range:

- The sensor test range is shown in the figure. The above-mentioned detection range is limited. Check the situation around the vehicle before reversing and then reverse slowly.
- The sensor test range may vary with the shape of the obstacle.

1 About 120cm

2 About 60cm



Note

- The sensor may not detect any obstacle that is closer to the car.

Warning

- The parking assist system is used to assist the driver for parking and cannot replace your personal judgment. Ensure that the car is driven on base of your observation.
- Do not place accessories or other items on the sensor to detect obstacles; otherwise it will affect the normal operation of the system.
- In some cases, the system may not be operated normally; when the car approaches certain objects, the system will not detect them. Therefore, always observe the surroundings around the car, and do not rely on the system only.

- Some car conditions and surrounding conditions may affect the sensor ability to accurately detect the obstacles. The specific conditions are as follows:
 - There is dirt, water or fog on the sensor;
 - There is snow on the sensor or the sensor is frozen;
 - The sensor is covered in any way;
 - The car is obviously tilted or over-loaded;
 - The car is driven on particularly bumpy roads, slopes, gravel or grass roads;
 - The sensor is painted again;
 - Because of horn sound, motorcycle engine sound, air brake sound of large trucks or other noise that generates ultrasonic wave, there is very noisy in the vicinity of the car;
 - There is another car equipped with a parking assist system nearby;
 - The bumper or sensor is strongly impacted;
 - The car is approaching a higher or tortuous curb;
 - The car is in the hot sun or cold weather;
 - The sensor is installed on a non-original suspension.
- In addition to the above cases, the actual distance to some obstacles may not be judged correctly due to their shapes and materials. Must pay particular attentions to the following obstacles:
 - Wires, fences, ropes, and etc.;

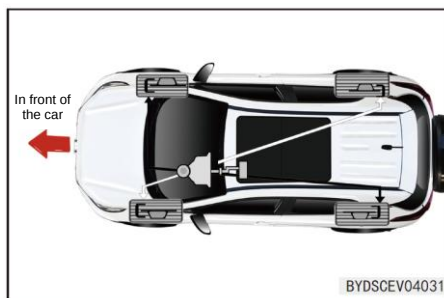
- Cotton, snow and other materials that absorb the radio waves;
 - Objects with sharp edges and corners;
 - Low obstacles;
 - High obstacles that extend upward toward the direction of your car;
 - Objects under the bumper;
 - Objects close to the car;
 - Persons in the vicinity of the car (depending on the type of clothing).
- If there is an image display on the multimedia display or a buzzer sound, it may indicate that the sensor detects an obstacle or the sensor may be interfered with outer factors. If this case persists, it is recommended to contact BYD Auto Authorized Service Station for inspection.

Driving safety system

In order to improve the driving safety, the following driving safety system will automatically will be operated automatically based on various driving conditions. However, keep in mind that these systems are only used to provide the assist functions and should not be overly dependent during driving process.

ABS (Anti-lock Brake System)

- There are two circuits (x-type arrangement) in the hydraulic system of ABS to drive the brake. One circuit is used to connect the front left wheel brake to the rear right wheel brake, and the other circuit is used to connect the front right wheel brake to the rear left wheel brake. If one circuit is faulty, there are still two wheels that can be braked.



- ABS can be used to prevent wheel locking or slipping when the brake is applied suddenly or applied on slippery roads, to maintain the steering control.
- If the front wheels are slipping, the steering will not be controlled, that is, the car will be still driven straight forward when turning the steering wheel. ABS can be used to prevent the wheel locking and maintain the steering control because its pulse fast braking reacts much faster than manual operation.
- Do not depress the brake pedal in pulse mode; otherwise, ABS will be faulty. When turning the steering wheel to avoid a danger, a strong and stable pressure should be applied on the brake pedal to play the role of ABS. This is the so-called "Steady Depressing and Careful Turning".
- When ABS is operated, you will feel a vibration and hear a noise from the brake pedal. It is normal and is caused by the pulse fast braking of ABS. The operating speed of ABS depends on the driving force (adhesion) of the wheels.

Important safety tips

- ABS (Antilock Brake System) does not reduce the time and distance required to brake the car. The device can only be used to control the steering during braking process. Must maintain a safe distance from other cars.
- ABS does not prevent the slippage caused by a sudden steering, such as quick turn or sudden lane change. Regardless of road conditions and weather conditions, always

drive the car at a safe speed.

- ABS also does not prevent the reduction in stability. In case of a sudden braking, the steering wheel should be operated moderately. In case of a big turn or sharp turn during driving process, the car may be turned to the oncoming traffics or rush out of the road.
- In case of driving on soft or uneven roads (such as gravel roads or snowy roads), the cars with ABS may require longer braking distance than cars without ABS. In such cases, must reduce the speed and maintain a large distance from other cars.

ESP (Electronic Stability Program) (if fitted)

- ESP will function when the car is started. ESP integrates three functional modules of ABS, VDC and TCS, and also integrates other value-added sub-functions, such as HHC and HBA.
- VDC (Vehicle Dynamic Control)

When the car turns suddenly during driving, VDC system can determine the driving intention based on the information, such as the steering wheel rotation angle and the driving speed, and compare continuously them with the actual situation of the car; if the car is deviated from the normal driving route, VDC can be used to correct the route by braking the corresponding wheels to help the driver to control the slipping and maintain the driving stability of the car.

- TCS (Traction Control System)

TCS is used to prevent the drive wheels from slipping during acceleration by reducing the motor power, if necessary, it can be used to apply a braking force for control to prevent the drive wheels from slipping. TCS can be used to ensure that the car is easily started, accelerated and climbed under adverse driving conditions.

- HHC (uphill assist device)

After releasing the brake pedal, HHC can be used to maintain the brake pressure applied by the driver. It can take up to 2s to move your foot from the brake pedal to the accelerator pedal, to prevent the car parked on the slope from movement backward.

- HBA (Hydraulic Brake Assist)

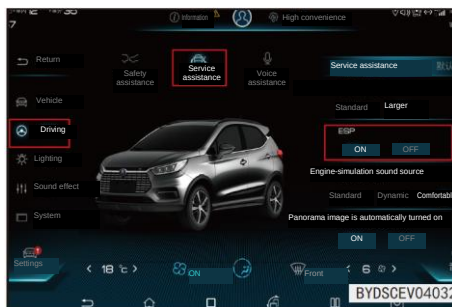
When the driver quickly depresses the brake pedal, HBA can be used to recognize the emergency conditions and quickly increase the brake pressure to a maximum value, allowing ABS to be applied more quickly, so as to reduce the braking distance effectively.

ESP system operating instructions

- When ESP system is operated
 - If the car is in danger of slipping or reversing when it is started on a slope, or if any of the drive wheels is slipped, ESP indicator will flash to indicate that ESP system is operated.
- Disable ESP system
 - If the car is trapped in a snow or mud road, ESP system can be used to reduce the power from the motor output to the wheels. The system should be turned off to get rid of the trapping.

- Turn off ESP system

- To turn off the ESP system, the user can enter the related setting interface via [Settings] - [Driving] - [Driving assist] on the multimedia touchscreen.



- Enter the “ESP” and then select “ON” or “OFF” for the ESP system. In addition, the ESP will real-time check its working status. If ESP system is operated, if pressing ESP OFF switch to turn off ESP system, ESP system will not implement “Turn OFF” command immediately; instead, an active intervention control will be implemented firstly, and then ESP system can implement “Turn OFF” command from ESP OFF switch.
 - When ESP system is turned off, if ESP OFF switch is pressed again or the driving speed exceeds the threshold (80Km/h), some functions of the turned-off ESP system will be turned on again. In order to avoid the sudden opening of ESP system functions, ESP system function can only be reactivated if ESP system is not in the dynamic intervention status of the car.
- Restart of ESP system
 - After turning off ESP system and restarting the car, ESP system will be restarted automatically.
- ESP system start and linkage with the speed
 - If ESP system is turned off, the car will be extremely unstable when the driving speed is increased and exceeds the threshold (80km/h); at this time, ESP system will be started automatically.
- When ESP system is operated
 - If ESP fault indicator  flashes, must be careful for driving; otherwise, it may cause an accident. Must be careful when the indicator flashes.

- When ESP system is turned off
 - Must be careful for driving at a speed suitable for road conditions. ESP system can be used to ensure the stability and driving force of the car; if it is not necessary, it cannot be turned off.
- Replace the tires
 - Ensure that all tires have the same size, brand, tread pattern and total load capacity. In addition, must inflate the tire to the recommended tire pressure.
 - If the car is mounted with different tires, ABS and ESP systems will not be operated normally.
 - For details on replacement of tires or wheels, it is recommended to contact BYD Auto Authorized Service Station.
- Tires and suspensions.
 - The use of tires or modified suspensions with any faults may have an impact on the driving safety system and may cause the system fault.

Warning

- In the following cases, ABS will not be operated effectively:
 - Use tires with insufficient adhesion (such as, use the excessively worn tires on snow roads);
 - The car slips when driving at high speed on slippery roads. ABS is not designed to shorten the braking distance of the car.
- In the following cases, must keep a safe distance from the front cars:
 - When driving on muddy, sandy or snowy roads;
 - When driving on pitted or uneven roads;
 - When driving on bumpy roads.
- In the following cases, TCS may not be operated effectively:
 - When driving on slippery roads, even if the TCS system is operated normally, it may not be able to control the direction and achieve the power requirements;
 - Do not drive the car in the conditions where the stability and power may be lost.

Low speed sound system (AVAS) (if fitted)

System functions

The acoustic vehicle alerting system (AVAS), also referred to as "Engine simulator", means that the vehicle issues an alerting sound to the pedestrians around the vehicle during low-speed driving.

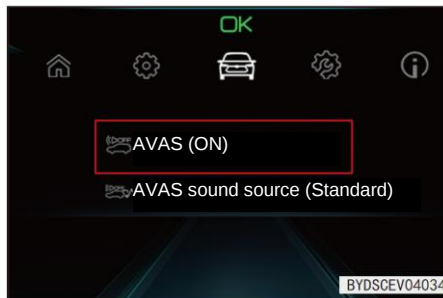
- When the car is driven at a low speed, it will give an appropriate prompt sound to remind the pedestrians.
- When the car is driven forward:
 - When the driving speed is $0\text{km/h} < V \leq 20\text{km/h}$, the prompt sound will be increased with the increase of the driving speed;
 - When the driving speed is $20\text{km/h} < V \leq 30\text{km/h}$, the prompt sound will be decreased with the increase of the driving speed;
 - When the driving speed is $> 30\text{km/h}$, the prompt sound will stop automatically.
- When driving in reverse gear, the car will give a continuous and uniform sound.



Operation method

- The AVAS can be turned on or off via the operation button on the multimedia display screen.
 - Press the Shortcuts "High convenience" on the multimedia touchscreen to enter the related setting interface and press [AVAS OFF] button to turn off or on the AVAS function.
 - AVAS sound source setting: press the "Vehicle settings" on the left lower corner of multimedia touchscreen to enter the related setting interface and select "Driving", "Driving assist", and "AVAS sound source" in turn to set up related sound source.

- The AVAS can be turned on or off by instrument setting.
1. Press the OK button  on the steering wheel to call the menu interface on the instrument, operate the Left and Right adjustment buttons  /  on the steering wheel to select "Vehicle settings" , and operate the Up and Right buttons  /  to select "Engine sound" .
 2. Press [OK] button to call the level-3 menu interface as shown in the diagram.
 3. Adjust the Up and Down buttons  / , select the [AVAS] item, and press OK button  to turn on or off the AVAS system.
 4. Similarly, the AVAS sound source can be set as "Standard", "Dynamic", or "Comfortable" by same method.
- The system will memorize by default the type of sound source of last start.



Warning

- The AVAS OFF switch shall be used only when there is no other road user within short range and the warning tone is clearly not required in surrounding environment (For instance, crowded traffic condition and on expressways). It's necessary to turn on the AVAS once there is any pedestrian around the vehicle.
- Driving the vehicle at low speed under the AVAS OFF condition can't alert the pedestrians of the vehicle approach, which will probably result in vehicle accident and, in worse cases, even cause casualties.
- If the AVAS tone can't be heard during low-speed driving, please stop the vehicle in a relatively safe and quiet place, open the windows, and drive forward in gear D at constant 20km/h speed (In which case, the volume of AVAS tone is the highest.) and verify the AVAS tone. If it's confirmed that the AVAS tone can't be heard, it's recommended to contact a BYD Auto Authorized Service Station for treatment.

Tire pressure monitoring

System description

- It's an auxiliary system installed on the vehicle to real-time monitor the parameters such as tire pressure and display and alarm by visual and acoustic signals, in order to improve the driving safety and comfort of vehicle and reduce the accelerated wear of tires and power consumption of vehicle due to insufficient air pressure.
- The tire pressure monitoring system is composed of tire pressure monitoring module, tire pressure monitoring control module, and display part. The tire pressure monitoring module is installed at the air valves of radial tires (Vacuum tires). The tire pressure monitoring control module is installed within the vehicle and the display part is realized by the instruments.
- The instrument information is divided into driving information and prompt information. If there is no prompt information, the driving information is constantly displayed. The user can use the button  on the steering wheel to enter the menu, switch over to driving information interface by buttons  and , and select the tire pressure display by buttons , , and .
- Refer to 8-1 Vehicle Specification for the standard pressure of this vehicle.
- The pressure value is displayed in different units and three units are provided at your choice, namely kPa~psi~bar. The display accuracy is 1 for values in unit of kPa or psi and is 0.1 for values in unit of bar. Among these units, 1(psi)=6.895(kPa) and 1(bar)=100(kPa). The pressure unit is switched over simultaneously for four tires.
- The temperature value is displayed in different units and two units are provided at your choice, namely °C ~ °F, with the display accuracy at 1. The conversion relationship between Centigrade and Fahrenheit degrees is $n^{\circ}\text{C} = (9/5 \cdot n + 32)^{\circ}\text{F}$. The temperature unit is switched over simultaneously for four tires.

The features of this system are as below:

- Humanized design and human-machine interface. The information is displayed by instrument LCD screen, featuring high reliability, beauty, practicability, and simpleness.
- Alarm in event of under-low tire pressure and quick leakage.
- Simultaneous display of air pressure for 4 tires.
- Real-time monitoring on variation of tire pressure.

System basic functions

1. Start warning

If the tires are already under low pressure status at the power-off of the vehicle, upon the power-on of the vehicle, the system immediately alarms of the low pressure and alerts the driver of inflating the tires before driving.

2. Low tire pressure warning

- If the pressure in any of four tires is below the 80% of standard pressure and the system is working, the TPMS will issue a low tire pressure warning signal and indicate the location of low pressure tire.
- In event of low pressure warning, please inflate the tire to standard pressure. The low pressure warning disappears when the tire pressure is higher than 95% of standard pressure.

3. Quick leakage warning

- If one or more tires is leaking at a rate of $\geq 30\text{kPa/min}$ and the system is working, the TPMS will issue a quick leakage warning signal at a high speed and indicate the location of leaking tire.
- In event of any leakage warning, please stop the vehicle and check the malfunctioned tire as soon as possible. Ensure that the tire is free of malfunction before continuing the driving.

4. Abnormal signal warning function

Under the working status, the system will issue a warning signal in event of any malfunction.

5. Real-time display of tire pressure

Under working status, the TPMS can real-time indicate the pressure information for every tire.

Warning display description

The tire pressure malfunction indicator lamp is: 

Warning description	Display mode	Recommended operation
Under-low tire pressure	1. Turn-on of tire pressure malfunction indicator lamp 2. Yellow tire pressure value	Please check the corresponding tire for presence of slow leakage and inflate the tire to appropriate pressure range.

Warning description	Display mode	Recommended operation
Quick tire leakage	1. Flashing of tire pressure malfunction indicator lamp 2. Red tire pressure value	Please check corresponding tire for presence of air leakage.
Abnormal signal	1. Turn-on of tire pressure malfunction indicator lamp after flashing 2. Tire pressure display: Abnormal signal	Please check the corresponding tire pressure monitoring module for normal status and for long-time exposure to high electric field range.
System malfunction	1. Turn-on of tire pressure malfunction indicator lamp after flashing 2. Prompt text: Please check tire pressure monitoring system. 3. Tire pressure display: Abnormal signal	Please check the tire pressure monitoring module and tire pressure control module for normal status and replace the tire pressure monitoring module or control module.

Precautions

1. The use of tire pressure monitoring module is related to the factors such as daily driven distance.
2. The tire pressure monitoring module periodically transmits information such as tire pressure to the display so that, in event of sudden pressure drop or burst of any tire during driving, the monitoring module can only transmit the data to the display during the next monitoring cycle. Therefore, the driving out-of-control will probably occur. If the monitoring module is damaged while the corresponding tire is damaged so that no information can be transmitted or upon the suspension of damage in certain tire, please immediately stop driving. Do not wait for the display to issue a warning signal before stopping the vehicle.
3. The incorrect installation of tire pressure monitoring module will impair the tire airtightness. It's recommended to install and replace the monitoring module by professional technicians of BYD Auto Authorized Service Station as per the requirements of installation manual.
4. The rematch is required for the whole tire pressure monitoring system after the tire rotation or replacement of tire pressure monitoring module. It's recommended to fulfill

the rematch by professional technicians of BYD Auto Authorized Service Station, otherwise it will result in failure of this system.

5. As the tire pressure will vary along with the variation of local temperature. Please inflate or deflate the tires as per the tire pressure displayed on the instrument and the standard pressure of tires depending on actual situation.
6. Immediately upon the power-on of vehicle, the tire pressure monitoring system displays the historic data (The data at the last power-off). When the vehicle speed reaches 30km/h, the pressure will be real-time updated for four tires.
7. The tire pressure monitoring system transmits the information by wireless method. Under the environments with high interference, the receiving performance of the tire pressure monitoring system will be deteriorated.

**Warning**

- If the pressure of any tire is abnormal, this system will not restrain the driving of vehicle. Therefore, before driving the vehicle each time, the user shall start the vehicle under stationary status and check whether the tire pressure meets the manufacturer's specified value. If not, do not drive the vehicle, otherwise the vehicle will be damaged or it will cause personal harms to yourself or others.
- Upon detection of abnormal pressure in any tire during driving, immediately check the tire pressure. If the low pressure warning lamp turns on, avoid the sudden steering and emergency braking and at the same time slow down the vehicle and drive the vehicle and stop the vehicle roadside as soon as possible. Driving the vehicle with low tire pressure will probably cause permanent damages to the tires and increase the scrap possibility of tires. A seriously damaged tire will probably cause traffic accident and serious personal casualties.

Exterior rearview mirror

Adjust the electric exterior rearview mirror to ensure that the side of the car can be viewed just in the rearview mirror.



Lens adjustment

- Electric adjustment (if fitted): Adjust the lens to the appropriate position by adjusting the electric exterior rearview mirror switch on the panel.



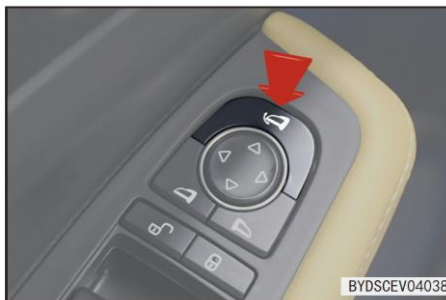
- Manual adjustment: Hold the edge of the lens by hand and turn the lens around the center to the proper position.



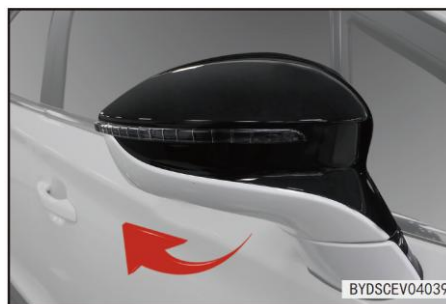
Exterior rearview mirror folding (if fitted)

The rearview mirror body should be folded when it is required for parking and driving.

- Electric folding: After the car is locked, the exterior rearview mirror will be folded inward automatically; when the car is required for driving, it can be folded with the external rearview mirror electric folding switch.



- Manual folding: Firmly hold the outer edge of the exterior rearview mirror, and turn and fold the exterior rearview mirror body around the folding axis to the locked position.



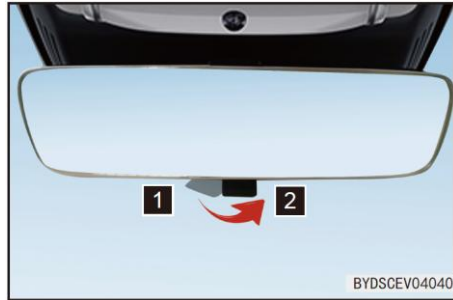
Tip

- Do not adjust the exterior rearview mirror while the car is running. Otherwise, it may cause the driver to misoperate the car, resulting in an accident.

Interior rearview mirror (if fitted)

Manual anti-glare interior rearview mirror (if fitted)

- The manual anti-dazzling interior rearview mirror incorporates two working modes, namely conventional mode and anti-dazzling mode.
 - Normal mode - Place the joystick in Position **1**, in the position, the image in the rearview mirror is the clearest.
 - Anti-glare mode - Place the lever in Position **2**, in the position, the glare from the headlights of coming cars can be reduced effectively at night. It should be noted that while the glare is reduced, the sharpness of the rear view may be degraded.



Manual adjustment of interior rearview mirror

Rotate the interior rearview mirror in vertical and lateral directions to adjust it to appropriate position.



Warning

- Do not adjust the interior rearview mirror while the car is running; otherwise, the car may be loss of control, resulting in an accident and casualties.
- Do not hang any heavy weight onto the interior rearview mirror or shake or drag it forcibly.
- During the manual adjustment of interior rearview mirror, do not adjust forcibly in event of adjustment stagnation, in order to prevent the falloff of interior rearview mirror.

Wiper

Check the wiper blade for rubber cracks or partial hardening at least every six months. In these cases, must replace the blade; otherwise, some patterns or dirt on the windshield surface will not be cleaned completely.

■ Front wiper



■ Rear wiper



Note

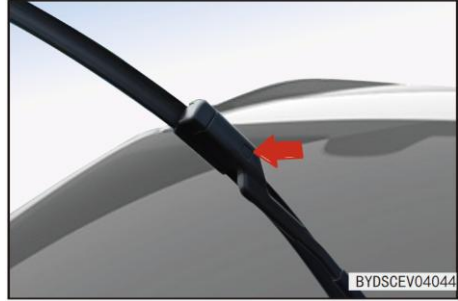
- Do not open the engine hood when the wiper arm is pulled up; otherwise, the engine hood and the wiper arm will be damaged.

Replacement of front wiper blades

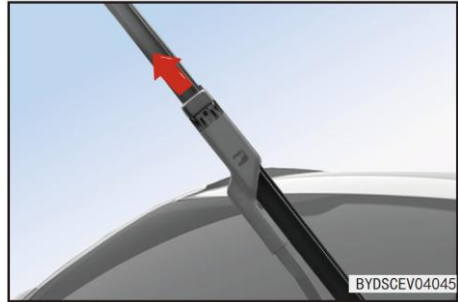
Replacement of front wiper blades

- Firstly pull up the wiper arm on the driver side and then pull up the wiper arm on the front passenger side.

2. Push down the wiper blade locking button and pull out along the indicated direction.



3. Hold the wiper blade clip and take out the wiper blade along the shown direction.



4. While assembling new wiper blades, operate in reverse sequence of the disassembling procedure.

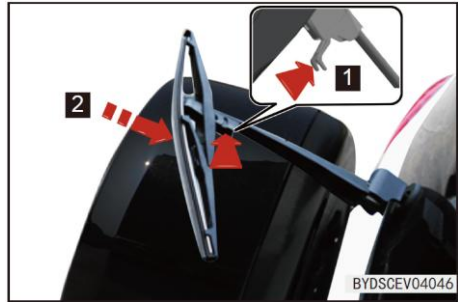
Replace the rear wiper blade

1. Pull up the rear wiper arm from the rear windshield.

2. Turn the rear wiper blade to the position as shown.

3. If the rear wiper blade is fitted with the hook as shown at Position **1**, press and hold it.

4. If the rear wiper blade is fitted with the hook as shown at Position **1**, move the rear wiper blade in the direction indicated by Position **2**, and remove it after completely separating it from the hook.



- If the rear wiper blade is not fitted with the hook, remove the wiper blade directly.

Note

- After removing the wiper blade, gently put the wiper arm back on the windshield; do not let the wiper arm in the air; otherwise the windshield may be broken.

The wiper blade can be installed in the reverse steps of the above ones.

Snow chain

- The snow chains are only available for emergency use or in the specific area expressly stated in the traffic laws.
- The snow chains should be installed on the front wheels, and cares should be taken when driving the car with snow chains on snow and ice roads. Some snow chains may damage the tires, wheels, suspension and body. Fine snow chains should be used to ensure that there is sufficient space between the tire and other parts in the wheel housing.
- Please carefully review and read the parts assembly drawing and other instructions from the snow chain manufacturer.
- Before the snow chains are purchased, it is recommended to consult BYD Auto Authorized Service Station.
- After installing the snow chains, the driving speed on snow and ice roads should be less than 30km/h.
- To minimize the wear of tires and snow chains, the car with snow chains should not be driven on snow-free roads.

Tip

- The driving speed should not exceed the lower of 30km/h and the limit speed specified by the snow chain manufacturer.
- Must be careful to drive and pay attention to bumps, holes and sharp turns; otherwise it will cause the car to jump.
- When using snow chains, must avoid the sharp turns or the wheel brake locking; otherwise it will adversely affect the operation of the car.
- Must be careful when driving a car with snow chains, must decelerate the car before entering the corner to avoid loss of control; otherwise, it may cause an accident.

Interior device

5

5-1 Multimedia and radio	170
Multimedia operation panel	170
Radio operation panel	172
5-2 Air conditioning	173
A/C panel (if fitted).....	173
A/C operation panel (if fitted).....	174
A/C operation panel and interface (if fitted).....	175
Function definition	176
Air vent	180
Purifying system (if fitted)	181
5-3 Storage device.....	184
Right storage box	184
Mobile phone slot	184
Cup holder	184
Central storage box	185
Card slot	185
Front central armrest storage box	185
Rear storage box	186
5-4 Other interior device	187
Sunvisor.....	187
Safety handle.....	188
Front row USB/charging port.....	188
Rear charging port (if fitted).....	189
12V standby power supply	189

Multimedia operation panel

When the vehicle power switch is at “OK”, the system will display the initial interface for several seconds and then start working. To better experience the related multimedia functions (Including intelligent voice, APP, and video call), ensure to connect to the internet before use.



1 Volume knob/Audio OFF/Reboot multimedia button

2 Multimedia touchscreen

⚠ Warning

- Do not use a high power inverter on the vehicle, otherwise it will result in abnormal multimedia system.
- Do not format the devices or Root without permission; otherwise, it will cause multimedia or car fault.
- For your driving safety, it's recommended to use the multimedia system in landscape view.

⚠ Note

- To prevent damage to the touch screen
 - Touch the screen gently with a finger; If there is no response, remove your finger from the screen and touch it again.
 - Do not use detergent when wiping the screen with a soft cloth.
- Use the touch screen
 - When the display screen temperature is low, the displayed image may be darker, or the system may be operated slightly slower than under normal conditions.
 - The screen may be dark or blurry, when viewed by wearing sunglasses. Please change the view angle or take off your sunglasses.
 - The touch screen buttons that are grayed out cannot be operated.
- The touchscreen display interface is for reference only and the real vehicle shall prevail.

Radio operation panel

When the vehicle power switch is at "OK", the default interface upon power-on is radio mode interface. Press the "Menu" button to switch over to A/C mode interface. Press "Menu" button again or make no operation in 10s to automatically switch over to radio mode interface.



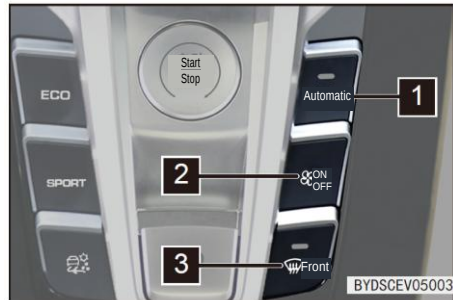
- 1** Radio mode interface
- 2** Menu button (Radio and A/C switchover button)

A/C panel (if fitted)

The A/C system is operational when the vehicle power switch is at "OK" position.

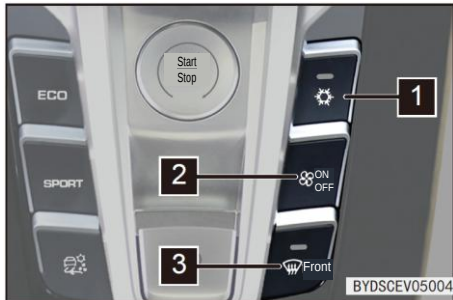
Configuration 1

- 1** Automatic A/C button
- 2** A/C ON/OFF button
- 3** Front windscreen defroster button



Configuration 2

- 1** Compressor control button
- 2** A/C ON/OFF button
- 3** Front windscreen defroster button



5

Interior device

A/C operation panel (if fitted)



- 1** Automatic A/C button
- 2** Full-power A/C button
- 3** Compressor control button
- 4** Internal/external recirculation mode button
- 5** Air vent mode button
- 6** Rear windscreen (if fitted)/Exterior rearview mirror defroster (if fitted) button
- 7** Ventilation button
- 8** A/C operation interface button
- 9** PM2.5 operation interface button (if fitted)
- 10** A/C fan speed adjustment button
- 11** Front windscreen defroster button
- 12** A/C status display icon
- 13** A/C switch button
- 14** Temperature adjustment button

A/C operation panel and interface (if fitted)

- 1** Fan speed down button (Reduce fan speed by one level)
- 2** Fan speed up button (Increase fan speed by one level)
- 3** A/C compressor button
- 4** A/C air vent mode button

(Switch over among defroster, instrument, floor, instrument/floor, and floor/defroster vent modes.)



- 5** Internal/external recirculation mode button
- 6** A/C ON/OFF button

Temperature adjustment knob (Rotate towards red to increase A/C temperature setting and rotate towards blue to reduce A/C temperature setting).

- 7** A/C display interface

iTip

- A/C abnormal smell symptom:
 - Upon the turn-on of A/C, the airflow outputted by the A/C probably contains a moist and moldy smell. It's a normal symptom that the A/C outputs an abnormal smell. During the working of A/C, the evaporator will be easily adhered with A/C condensates and the wet evaporator will also be easily adhered with the non-filtered passenger sweats and dusts. If the condensates on the evaporator are not blown dry, the molds will easily breed on the dark and moist evaporator surfaces and the long-time fermentation of molds will easily generate abnormal smell.
- Method for prevention of A/C abnormal smell:
 - Before stopping the vehicle, turn off the A/C and run under ventilation mode to maintain relatively dry.
 - Periodically check, clean, or replace filter screen.
 - Keep the inside of vehicle compartment clean and fresh.
- If the abnormal smell is always present after taking the method for prevention of abnormal smell, it's recommended to contact a BYD Auto Authorized Service Station for repairs.

Function definition

Automatic A/C button



- Press the  button. The indicator lamp on the button turns on to indicate that the automatic mode is selected.
- Under the automatic mode, pressing any manual control button can set the status of the pressed button, other conditions will still be automatically adjusted.

A/C ON/OFF button



- Press the A/C ON/OFF button  or the  on the A/C operation panel to turn off the A/C. The air vent mode remains unchanged and the recirculation mode is the internal recirculation mode. Press this button  again or press  the on the front row A/C operation interface to turn on the A/C.
- Under the A/C OFF status, press the A/C ON/OFF button  again or press the  on the A/C operation interface to turn on the A/C and run the A/C under the temperature, fan speed, and air vent mode of last turn-off.

Fan Speed Adjustment

- A/C fan speed adjustment 
 - Press the appropriate fan speed level to set the fan speed at required speed. The higher the level is, the higher the fan speed is and the higher the inputted airflow is.
 - Press the  button or the  on the front row A/C operation panel to turn off the A/C system.

Front windscreen defroster button



- Press the front windscreen defroster button  or press the  on the display screen. The indicator lamp on the button turns on and the airflow is mainly outputted towards the front windscreen and side windows. Press this button  again or press the  on the display screen. The indicator lamp on the button turns off and the A/C system restores to the last working mode.
- Press this button  or press  on the display screen to turn of the

defroster/demister function and also the A/C. No matter the compressor control button is operated or not, the A/C is turned on.

Temperature adjustment

- Press the right arrow on the display screen to increase the temperature setting and press the left arrow to reduce the temperature setting.
- The "LO" is displayed when the minimum temperature setting is reached and the "Hi" is displayed when the maximum temperature setting is reached.
- When the temperature setting reaches lower limit (Lo) or upper limit (Hi), the system runs under full-power cooling (The turn-on of front A/C is required) or full-power heating mode.

A/C status display



- The A/C status display icon displays the current A/C status (Air vent mode and fan speed).
- Press this icon to enter the A/C operation interface on the multimedia display screen.

Full-power A/C button

Press the full-power cooling button  to run the A/C under full-power cooling mode. The compressor is turned on, the temperature setting is automatically adjusted to LO, the fan speed is automatically adjusted to maximum fan speed, the internal recirculation mode is selected, and the instrument vent mode is selected. Press this button again to run the A/C under automatic mode.

Compressor control button



Press the compressor control button to turn on the A/C compressor. In such case, the icon turns on and the compressor starts to run under cooling mode. Press this button again to turn off the A/C compressor. In such case, the icon turns off and the compressor stops working.

Internal/external recirculation button



Press the internal/external recirculation button. The recirculation mode is turned from external recirculation icon to internal recirculation icon and the internal recirculation mode is selected. In such case, press this button again. The recirculation mode is turned from internal recirculation icon to external recirculation icon and the external recirculation mode is selected.

Rear windscreen (if fitted)/Exterior rearview mirror defroster (if fitted) button



- Press the rear windscreen (if fitted)/exterior rearview mirror defroster (if fitted) button to run the rear windscreen/exterior rearview mirror demister.
- The power switch must be at "OK" position.
- The thin electric heating wire on the inner surface of rear windscreen will rapidly make clear the windscreen. The indicator lamp turns on when the demister is working.

- The demister system will be turned off automatically after working for 15min.
- After the windscreen surface becomes clean, press the rear windscreen and exterior rearview mirror demister button again to turn off the demister. The continual use will result in discharge of battery, especially during the driving with frequent stops.

Note

- While cleaning the inner surface of the rear windscreen, do not scratch or damage the heating wires or connectors.

Ventilation button

Press the ventilation button to run the A/C under ventilation mode. The external recirculation mode is selected and the temperature is non-adjustable. The natural airflow is outputted. Press this button again to restore to last working mode of A/C.

Air vent mode

- A/C air vent mode button 
 - Press the corresponding icon on the display screen to select the corresponding air vent mode.
 - The air vent modes can be combined freely. Depending on the actual need, up to 5 air vent modes can be turned on.
 - The instrument vent mode  and the floor vent mode  can be turned on simultaneously and the floor vent mode  and the front defroster mode  can be turned on simultaneously.
- This can be adjusted as per following vent mode icon.

-  The airflow is mainly outputted towards the upper body of passengers.



: The airflow is mainly outputted towards the feet of passengers.



: Airflow mainly blows to the front windshield and side window.



Use essentials

- To quickly cool the car parked in the sun, drive the car with the opened windows for a few minutes. The hot air in the car can be drained and the cooling function of the air conditioning can be speeded up.
- Ensure that the inlet grille in front of the windshield is not blocked (such as, by leaves or snow).
- In humid weather, do not allow the cold air to blow onto the windshield. Because the temperature difference between the inside and outside of the windshield can cause fogging on the outside of the windshield.
- Keep the underside of the front seats open so that the air in the car can be fully circulated.
- Under cold weathers, set the fan speed to high speed and run for 1 minute to remove the snow and moisture from the air inlet passage, which can reduce the mist formation on windows.
- While driving behind other vehicles on heavily dusty roads or driving under windy and dusty condition, close all windows. If the dusts raised by the vehicle still breach into the vehicle after the windows are closed, it's recommended to select the internal recirculation mode and set the fan speed to any position other than "0".

Air vent

All air vents can be opened and closed and are adjustable in airflow rate.

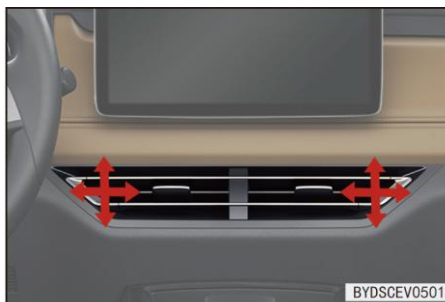
Left/right air outlet

The left/right air outlet can be opened by rotation counterclockwise and closed by rotation clockwise, and the air direction can be adjusted by moved left and right or up and down.



Central air outlet

Adjust the adjustment blade in the center of an air vent to adjust the airflow output angle. Shift the adjustment blade to leftmost position to turn off the A/C.



Purifying system (if fitted)

The Green Purification System incorporates the function of purifying the PM2.5 from the air, namely turning on the A/C can in-depth purify the PM2.5 particles from the air supplied into the vehicle compartment.

PM2.5 operation interface



- 1 PM2.5 operation buttons
- 2 Outside PM2.5 monitoring button
- 3 Inside PM2.5 monitoring button
- 4 Outside PM2.5 value display
- 5 Inside PM2.5 value display

PM2.5 button

Press the "PM2.5" button in the multimedia operation interface to enter the PM2.5 operation interface.

Outside PM2.5

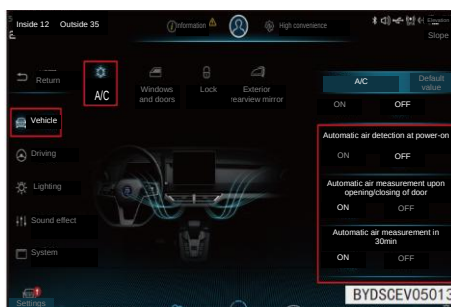
Press the “Outside PM2.5 monitoring or outside PM2.5 value”. The PM2.5 detector starts to measure the PM2.5 value of outside air and the PM2.5 measurement of outside air is displayed real-time on the PAD. The average measurement is displayed in 30s.

Inside PM2.5

Press the “Inside PM2.5 monitoring or inside PM2.5 value”. The PM2.5 detector starts to measure the PM2.5 value of inside air and the PM2.5 measurement of inside air is displayed real-time on the PAD. The average measurement is displayed in 30s.

Inside/outside air PM2.5 automatic measurement

- The inside/outside PM2.5 automatic measurement is under the item “Vehicle” of PAD interface.
- Press “A/C” to enter the PM2.5 setting interface. The user can set up the “Automatic air measurement ON/OFF upon power-on”, “Automatic air measurement ON/OFF upon opening/closing of door”, and “Automatic air measurement ON/OFF in 30min” independently.



iTip

- PM2.5 value tested with on-board PM2.5 tester is one in the air near the car fitted with the tester in the short time, which should be different from PM2.5 value reported daily or in real-time by the national and relevant government departments;
- The frequency of PM2.5 test can be reduced in the following environments;
 - In extremely harsh environment, such as sandstorm;
 - In cold area (with ambient temperature of $< -20\text{ }^{\circ}\text{C}$);
 - In high humidity environment (with the relative humidity of $> 90\%$);
 - In temperature alternating environment (dewing), such as from a cold environment into a high-temperature indoor environment or parking lot.
- If the filter in PM2.5 tester is dirty, it will seriously affect the test accuracy and should be maintained in time;
- The maximum air flow speed in the internal loop mode may can quickly reduce the concentration of fine particles in the air inside the car.

Right storage box

- The right storage box can be opened by pulling up its buckle.
- The right storage box can be closed by pushing up its cover.



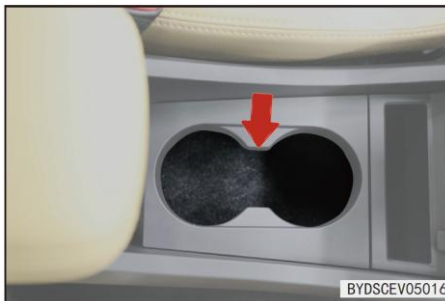
Mobile phone slot

The mobile phone slot is used to store the mobile phone



Cup holder

The cup holder is used to place the cup, movable ashtray or the beverage can securely.



Central storage box

The central storage box is located below the middle of the dashboard.



Card slot

The card slot is located at the front dashboard of the driver seat and the namecards and the cards in size of namecard can be placed.



Front central armrest storage box

Open the front central armrest storage box

- The central storage box can be opened by pull up the central armrest storage box cover in the direction of the arrow as shown.

Close the central armrest storage box

- The central armrest storage box can be closed by pushing down the cover.



Rear storage box

The rear storage box is used to store some small items or a mobile phone under charge.



Sunvisor

- The sunvisor is located above the driver or the front passenger. To block the light from the front of the car, please pull the sunvisor down.
- To block the light from the side of the car, please remove the swivel sleeve from the fixed support and turn the sunvisor to the side window.



iTip

- The reasonable and correct use of the sunvisor can improve the comfort and safety during driving process.

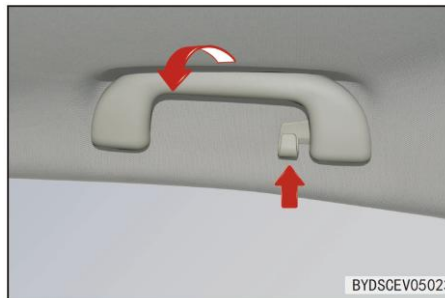
Makeup mirror (if fitted)

To use the makeup mirror, please flip the sunvisor down and slide the makeup mirror cover off.



Safety handle

- To use the safety handle, please pull it down. If the safety handle is not used, please release and return it to the original position.
- The clothing hook is near the safety handrail (Rear row seat) for the hanging of cloths.



Notice

- Do not hang any heavy weight to any safety handrail or clothing hook, in order to prevent causing personal harms or damaging the safety handrail/clothing hook.

Front row USB/charging port

- 2 ports are provided in the central storage box.

1 Charging port

2 USB port

- Operational only when the vehicle power switch is at "OK" position.



Rear charging port (if fitted)

- One charging port is provided at the rear of central control instrument panel.
- Operational only when the vehicle power switch is at "OK" position.



12V standby power supply

- It can be used to power any accessory in working voltage of DC12V and working current of no higher than 10A.
- To use the 12V standby power supply, uplift the cap. It's operational only when the vehicle power switch is at "OK" position.



Maintenance

6

6-1 Maintenance instructions	192
Maintenance cycle and content.....	192
6-2 Regular maintenance	198
Regular maintenance	198
Car corrosion protection	198
Painted surface maintenance tips	199
Clean the car	200
Clean the inside of the car	202
6-3 Auto-mantenimiento	205
Notes about self-maintenance	205
Front hatch	208
Cooling system.....	209
Scrubber.....	210
Braking system.....	211
Wiper blade	211
Air conditioning system	213
Tire	214
Fuse	217

Maintenance cycle and content

[illegible]

Maintenance item	Maintenance interval	Odometer readings or number of months, whichever comes first																	
		X1000 (miles/km)	7.5	15	22.5	30	37.5	45	52.5	60	67.5	75	82.5	90	97.5	105	112.5	120	
			/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 front wheel and rear wheel alignment		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Replace the wheel		I	R	I	R	I	R	I	R	I	R	I	R	I	R	I	R	I	R
Check the wheel bearing for clearance		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Check the freezing liquid level in the auxiliary tank		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Replace the drive motor coolant		For replacement of long-acting organic acid coolant, every 4 years or 100000km, whichever comes first																	
Check the brake fluid		I	I	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 40000km																	
Check the high voltage module fault code (clear it after recording)		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Check the power battery tray and the anti-collision bar		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Capacity test and correction		Every 72000km or 6 months																	
Check and replace the gear oil in the transmission		First replacement, 24 months or 40,000km; follow-up replacement, 24 months or 48000km;																	
Check the powertrain for leakage or collision		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Check the high voltage wiring harness or connector for loosening		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I

[illegible]

Maintenance item	Maintenance interval	Odometer readings or number of months, whichever comes first																
		X1000 (miles/ km)	7.5	15	22.5	30	37.5	45	52.5	60	67.5	75	82.5	90	97.5	105	112.5	120
		/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 EPS connector for loosening and the connector pins for burns																		
Check the appearance of EPS ECU for corrosion																		
Check the connection of EPS ECU and motor for foreign objects or corrosion																		
Check the airbag modules, ECUs and sensors		Replace them once every ten years																
Check the high voltage parts for water signs																		
Check the vehicle modules for software updates; if any, update it																		
Check front hatch lock and its fasteners		Once every year																
Remarks		When checking Item 1, if any chassis part is damaged abnormally, please replace it in time. The items with bold marks are added ones for harsh operation conditions																

i Tip

In order to ensure the power battery under best conditions, it should be fully charged and discharged regularly (once every at least 6 months or 72000km) to achieve its self-correction; or contact BYD Auto Authorized Service Station for its capacity test and calibration.

Notes:

- The meanings of the symbols in the table:
 - I = Check, correction or replacement if necessary;
 - I= Added items in harsh conditions; R= Replacement, change or lubrication.
- The maintenance cycle in the table should be counted from the date of purchase.
- In order to get the best use of the car, please operate the car correctly in the following mode.
 - Carry out the running-in in ECO (Economy) mode before first maintenance.
- The harsh conditions mean:
 - The car are often driven in dusty areas or are often exposed to the salty air.
 - The car is always driven on bumpy roads, watery roads or mountain roads.
 - The car is often driven in cold areas.
 - The motor is often maintained at idle for a long time or the car is often driven at short distances during the cold season.
 - Frequently use the brake and emergency brake.
 - The car is often used to tow a trailer.
 - The car is used as a taxi or business car.
 - The driving time at temperature of above 32℃ and in overcrowded urban area exceeds 50% of total driving time.
 - The driving time at temperature of above 30 ℃ and at speed of above 120 km/h exceeds 50% of the total driving time.
 - The car is always overloaded.
- Required maintenance records
 - It is recommended that BYD Auto Authorized Service Station fill in all required maintenance records in the form and keep all receipts for the maintenances of your car.

Component maintenance specifications

Maintenance item	Model specification	Filling amount
Brake fluid	DOT4	0.6L
Transmission oil	NT18-1: Shell S3-ATF-MD3	0.65L
	NT28: Shell S3-ATF-MD3	0.8±0.05L
Motor coolant	Glycol antifreeze and long-life anti-rust antifreeze, the freezing point will be selected according to the temperature (normal temperature: the freezing point of -25℃ is suitable for the whole year in the south and the summer in the north; cold resistance: the freezing point of -41℃ is suitable for the winter in the north)	BYD7003BEV3: 7.8±0.4L BYD7003BEV4, BYD7003BEV5: 4.5±0.2L
Battery coolant	CS_ freezing point -40℃ (Organic red antifreeze)	4.4±0.2L

Regular maintenance

- In order to ensure that the car is driving at the best efficiency and the faults are reduced, the car must be maintained on basis of the maintenance schedule.
- The interval between scheduled maintenance can be found in the maintenance schedule, which should be based on the odometer readings or the time interval, whichever comes first.
- Any maintenance item that has exceeded the maintenance deadline should be maintained at the same maintenance intervals.
- The maintenance should be carried out by the local BYD Auto Authorized Service Station in accordance with the standards and specifications from BYD Auto Co., Ltd.
- The maintenance items listed in the maintenance schedule and the travel times or distances are based on the assumption that your car is used as a normal transportation tool to carry passengers and items, without any overload.

Note

- Please carry out the regular maintenance for the car in accordance with the requirements in "BYD Auto Warranty and Maintenance Service Manual".

Car corrosion protection

The most common causes of car corrosion are as follows:

- The car is exposed in salt, alkali, dust and moisture environment for a long time.
- The car is exposed in the high humidity environment or some parts of the car are exposed in a humid and high temperature environment for a long time.
- The paint layer or the bottom layer is scratched due to a slight collision or by stones and gravels.

To prevent car corrosion, the following guidelines should be observed:

- Rinsing the car regularly:
 - If the car is driven on a salty road or seaside in t winter, it should be rinsed once at least once a month, and the chassis and wheel cover should be cleaned with a high- voltage water gun or steam to reduce corrosion. After winter, the chassis will be cleaned thoroughly.

- Check the paints and decorative parts on the body.
 - If some fragments or crack are found on the paint layer, they should be repaired immediately to prevent corrosion. If the debris or cracks are peeled off the metal surface, it is recommended to repair it at BYD Auto Authorized Service Station.
- Check the inside of the car.
 - Any moisture and dust accumulates under the carpet may cause a corrosion, it should be always checked, to ensure the area is dry.
 - When transporting chemicals, detergents, fertilizers, salt, and etc., some special cares should be taken and they should be stored in appropriate containers for transportation. If there is any spilling or leakage, must clean them immediately and keep dry.
- Use the fenders.
 - The fenders are used to protect the car when driving in salt-alkali areas or gravel roads. The larger and the closer to the ground the fender size is, the effect is better.
- Park the car in a well-ventilated and dry place.

Painted surface maintenance tips

Pay attention to the following points during the maintenance and use of the car:

- Clean the car in time.
- If there is no obvious scratch on the painted surface, do not carry out secondary painting to prevent the paint from being mismatched or not well bonded.
- If the car is parked for a long period of time, it should be parked in a garage or a well-ventilated place, and covered with a special body cover in winter. When the car is parked temporarily, it should be parked in a cool place.
- Avoid strong impacts, bumps or scratches on the paint layer of the body. If there is any scratch, dent or peeling off on the painted surface, it should be repaired in a professional service station in time.
- Do not touch the painted surface with oily hands or scrub the painted surface with oily rags and do not place oily tools or rags containing organic solvents on the body to avoid chemical reactions.
- Once a month or when the body surface is not very resistant to water, the painted surface must be waxed and maintained regularly (once every 3 months) in the professional service station, to restore the bright luster on the body painted surface in time.

- Use the high quality polishing agent and wax. If the polished body is severely weathered, must apply the cleaning polishing agent on it separated from the wax. Carefully follow the manufacturer instructions and precautions, and the chromed and painted surfaces should be polished and waxed.

Note

- If the car is repainted and parked in a high temperature painting and waxing workshop, must remove the plastic bumper to avoid its damage at high temperature.

Clean the car

- In the following cases, the paint layer may be peeled off or the body and parts may be corroded; therefore, the car should be cleaned in time:
 - When driving along the coast.
 - When driving on roads paved with antifreeze.
 - When driving on roads stucked with coal tar.
 - When resins, bird droppings and insect corpses are stucked on the car.
 - When driving in areas containing a lot of soot, coal ash, dust, irons or chemicals.
 - When the car is soiled by dust and mud.
 - After the rain.

Wash the car manually

- Park the car in a shade place for full cooling and then wash the car.

Tip

- When cleaning the floor or the chassis, must pay attention to the safety to avoid your hand injuries.

1. Rinse the loose dirt and all mud or road salts on the bottom and in the wheel recesses of the car with a water pipe.
2. Wash the body with a neutral washing agent, the washing agent should be prepared according to the manufacturer instructions. Wipe the body gently from top to bottom in the direction of the water flow with a soft cloth immersed with the cleaning solution; do not circle and wipe the body horizontally.
3. Must rinse the body fully; otherwise, the dried washing agent will form some spots. After washing the car in hot weather, all parts must be rinsed with clean water.
4. To prevent water marks, wipe the body with a clean soft towel; do not wipe or press the body forcedly; otherwise it will scratch the painted surface.

Tip

- Do not use alkaline washing powder, soapy water, washing agent, dewaxing detergent, organic matter (gasoline, kerosene, volatile oil or strong solvent).
- When cleaning the combination lights, do not wipe the surface of the combination lights with chemical solvents, such as, gasoline, alcohol, banana water, thinner or carbon tetrachloride; otherwise, it may cause cracks on the combination light housing.
- The car driven in coastal areas or in heavily polluted areas should be rinsed once every day.
- Do not remove the dirt on the body with a blade or gasoline.
- The plastic wheel trims may be damaged easily by organic matter. If any organic matter is splashed on the decoration piece, must wash it off with water and check it for damage; if necessary, please replace the plastic wheel decoration piece that has been seriously damaged in time, otherwise it may be thrown off during driving process, resulting in an accident.
- Do not wash the bumper with a cleaning agent containing abrasives.
- The plated metal parts must be cleaned with carbon cleaning agent, and waxed regularly.

Wash the car automatically

When washing the car at the automatic washing station, it must be noted that certain types of brushes, unfiltered rinsing water or machine-specific flushing procedures may scratch the painted surface. If the painted surface is scratched, the durability and gloss of the painted surface will be reduced, especially for dark cars. It is recommended to consult the staff at the washing station before washing to define safest washing procedure for the painted surface.

Clean the inside of the car

Tip

- Do not wash the carpet with water.
- When washing the inside or outside of the car, do not allow the water to flow directly onto the dashboard or the floor; otherwise, the water entered in the nearby electrical components may cause a fault.

Carpet

- Clean the carpet with a good quality foam detergent.
- Clean the carpet with a vacuum cleaner firstly as possible. Several types of foaming detergents can be used, some of which are contained in spray cans; others are powders or liquids that can be mixed with water to generate a foam. Wash the carpet with a foamed sponge or brush in a circle way.
- Do not wash the carpet with clean water to keep its drying as possible. Read the detergent instructions carefully and follow then strictly.

Clean the seatbelt

- Wash the seatbelts with neutral soapy water or warm water.
- Wash the seatbelts with a sponge or a soft cloth; during washing process, check the seatbelts for excessive wear, breakage or cuts.

Note

- Do not clean the seatbelts with a stain or bleach agent; otherwise, it may weaken the strength of the seatbelts.
- Do not use the seatbelt until it is dried.

Doors and windows

Wash the doors and windows with any ordinary household cleaning agent.

Note

- When washing the inside of the rear window, do not scratch or damage the heating wire and the connector.
- Check the door stopper regularly. If there is an obvious dust accumulation on the stopper level, wipe it with a soft cloth to remove the dust on its surface.
 - Clean the air conditioning control panel, radio, dashboard, control panels, and switches with a wet and soft cloth.
 - Wet a clean soft cloth in water or warm water, and then wipe off the dust gently with it.

Note

- Do not use organic substances (solvents, kerosene, alcohol, gasoline, etc.) or acid and alkali solutions. These chemicals can cause discoloration, staining or flaking on the surface.
- If any detergent or polishing agent is used, must ensure that they do not contain the above ingredients.
- If a new liquid washing agent is used, it cannot be spilled on the inside surfaces of the car. The liquid may contain the above ingredients. If the liquid spills, must clean it quickly and completely.

Clean the leather trims inside the body

- Clean the leather trims with a wool cloth immersed with neutral detergent.
- Wipe the dust with a soft cloth immersed with 5% neutral detergent solution and then remove the remaining detergent thoroughly with a clean and wet cloth.
- After washing, wipe the wet leather with a clean soft cloth completely. Dry the leather in a cool and ventilated place.

Note

- If the dirt cannot be cleaned with a neutral detergent, clean it with a detergent that does not contain organic solvents.
 - Do not clean the leather with any organic material such as volatile oil, alcohol, gasoline, acid or alkali; otherwise, it may cause the leather to be faded.
 - Do not clean the leather with a nylon brush or fabrics cloth; otherwise, it may scratch the fine patterns on the leather surface.
 - There may be molds generated on a stained leather surface. Must avoid any oil stain attached on the leather trims.
 - A long-term exposure to the sunlight will cause that the surface of the leather is hardened or shrunken. Therefore, must park the car in a cool place, especially in summer.
 - In the hot summer, since the temperature inside the car is increased, must avoid placing an object made of vinyl or waxy materials on the trims. Otherwise, these items will be stuck onto the leather in a high temperature environment.
 - Any improper cleaning of leather trims may cause discoloration or spots.
- For any questions about the cleaning of the car, it is recommended to consult the local BYD Auto Authorized Service Station.

Notes about self-maintenance

- The self-maintenance must follow the correct steps in this section.
- It should be noted that incorrect and incomplete maintenance may affect the use of the car.
- The section only lists the simpler self-maintenance instructions. However, there are still many items that must be completed by qualified technicians with special tools.
- Must be careful to maintain the car to prevent any accidental injury. The following precautions must be observed:

Tip

- If the motor is very hot, do not remove or loosen the auxiliary tank cover to prevent burns.
- Do not smoke inside or near the car to avoid sparks or open flames, resulting in a fire.
- Must be careful to handle the battery. The battery contains toxic and corrosive sulfuric acid.
- When the car is only supported with the jacks, any person cannot access the bottom of the car. Must support the car with vehicle racks or other solid supports.
- Must wear the goggles when working in or under the car to prevent objects or liquids from falling into eyes.
- Because the brake fluid can damage the skin or eyes, must be careful when adding the brake fluid. If the brake fluid splashes on your skin or eyes, must rinse the area splashed by the liquid with clean water. If your hands or eyes are not comfort after rinsing, must seek a medical service immediately.

Note

- Must prevent some parts and circuits under high current or high voltage from short circuit.
- If the brake fluid spills, must rinse it with water to prevent damage to any part or painted surface.
- Must prevent the wiper from scratching the glass surface when replacing the wiper blade.
- Before the front hatch is closed, must check whether any tool, rag and etc. is left in the front cabin.

Car storage

If the car is stored for a long time, must make the following preparations. The proper preparations can prevent deterioration of the car and make it easy to restart the car. If possible, store your car indoor.

- Clean and dry the body thoroughly.
- Clean the inside of the car and ensure that the carpet, floor mats, and etc. are dried completely.
- Place the shift lever in "Parking" position.
- Block the rear wheels.
- Pad the front wiper arm with a folded towel or a piece of cloth so that it does not touch the windshield.
- To reduce any stickiness, apply the silicone lubricant onto the seals of all doors and back door, and apply the wax on the painted surfaces contacted with the seals of the doors and back door.
- Cover the body with a breathable covering made of porous materials, such as, cotton cloth. If it is covered with the covering made of non-porous materials, such as plastic sheets, it may cause water accumulation, resulting in damage to the painted surface on the body.
- The door glasses, doors, front hatch and back door should be closed completely.

Tip

In order to ensure the performance of the power battery and the normal power of the battery during transportation or storage, it is recommended that SOC value is 25% ~ 40% before transportation or storage.

Sunroof maintenance

- Clean the dust or sand on the outer seals of the sunroof with a wet sandpaper to prevent the seals from scratches, resulting in decrease in the sealing performance of the sunroof.
- Clean the dust or sand on the front windshield plastic flange with a wet sandpaper, to prevent the seals from scratches, resulting in decrease in the sealing performance of the sunroof.
- Clean the front end of the rear glass regularly (after the front glass is fully opened), to prevent the deposition of dust, sand, leaves and other debris, and prevent the drainage holes from being blocked by these debris, resulting in poor drainage of the

sunroof.

- Clean the side rails and the front drainage grooves regularly to avoid the deposition of dust, sand, leaves and other debris, and prevent the drainage holes from being blocked by these debris, resulting in poor drainage of the sunroof.
- During washing process, do not rinse the seals directly with a high- voltage water gun; otherwise, it may not only cause the deformation or even damage to the seals, but also cause water entered into the car.
- In winter, the sunroof may be frozen; in this case, if the sunroof is opened forcibly, it will damage the seals or other parts of the sunroof. The car should be heated for a while, and the air conditioning heater system should be turned on to speed up the melting of snow and ice on the sunroof. After the car is heated to a certain temperature, the sunroof can be opened. Do not close the sunroof immediately after washing the car in winter; must wipe the residual water on the sunroof completely to prevent the sunroof from freezing.
- Do not open the sunroof completely when driving on extremely bumpy roads; otherwise, the excessive vibration of the sunroof and the guide rails may cause deformation of the relevant parts, and even damage to the motor. In addition, do not open the sunroof when it is raining or the car is cleaned.

Front hatch

Open the front hatch

1. If pulling up the front hatch opening handle located on the left side of the lower body of the dashboard, the front hatch will pop up slightly.



2. From the right middle of the front of the car, insert your finger under the front flange of the front hatch and push the front hatch lock button to the right (Body coordinate orientation) until it releases the front hatch and then open the front hatch.
3. Lift the front hatch up and support it with the support bars.
4. When closing the front hatch, lower it to about 30 cm above the front grille and release your hands to allow it to drop freely for locking.



5. After closing the front hatch, must check that the lock button is locked securely.
6. If the front hatch can be opened without move the front hatch lock button, or the front hatch lock button cannot be moved freely or returned in place, must clean and lubricate the front hatch lock mechanism; if it is still not operated normally, please contact a BYD Auto Authorized Service Station for rescue.

Note

- Before driving, ensure that the front hatch is closed and locked securely; otherwise, the front hatch may be opened suddenly during driving, resulting in an accident.

Cooling system

Check the coolant pot

- 1** Motor coolant expansion pot
 - 2** PTC heater system coolant/battery pack coolant pot
- The coolant level in the expansion pot should be between “MAX” (highest scale level) and “MIN” (lowest scale level) marking lines.



- If the coolant level is below the lowest level, must add the coolant to the highest (MAX) level. Check the cooling system for leakage.
- The coolant should have the same specifications as the original coolant. Do not add any mixture. Different brands and models of antifreezes cannot be mixed.

Tip

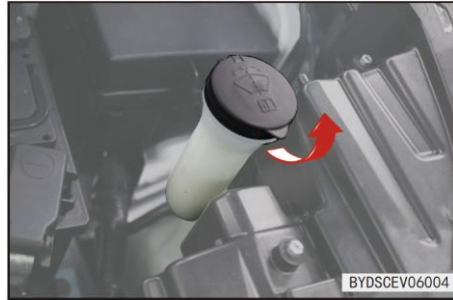
- If opening the pot lid when the motor is not cooled completely, it may cause the spilling of the coolant, resulting in severe burns.

Note

- Do not add any rust inhibitor or other additive into the cooling system. Because the additive may be incompatible with the coolant or the motor assembly.
- Before opening the pot lid, must ensure that the motor, high-voltage electronic control module, pot and the radiator are cooled completely.

Scrubber

- The windshield scrubber tank is located at the back of the front left headlight in the front cabin; the liquid level in the tank can be checked by removing the lid.
- In normal use, must check the liquid level in the windshield scrubber tank at least once a month.
- In harsh weather, if the scrubber is used frequently, must check the liquid level in the scrubber tank when parking and charge.
- Must add the high quality windshield washing fluid to improve its decontamination performance and prevent its freezing in cold weather.
- When adding the washing liquid into the scrubber tank again, must clean the windshield wiper blade with a clean cloth immersed with the windshield washing liquid, to ensure the wiper blade under good conditions.

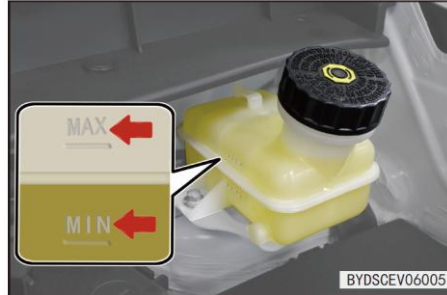


Note

- Do not add the antifreeze or the vinegar solvent into the windshield scrubber tank.
- The antifreeze may damage the painted surface of the car, and the vinegar solution may damage the windshield scrubber motor.
- It is recommended to use commercially available windshield washing fluid.

Braking system

- Must check the liquid level in the storage tank once a month; the brake fluid should be replaced on base of the driving time and mileage specified in the regular maintenance schedule.
- Must use the brake fluid with the same specifications as the original one, and different types of brake fluids cannot be mixed.
- The liquid level should be between the lower (MIN) and upper (MAX) marks on the tank wall.
- If the liquid level is at or below the lower limit (MIN) mark, must check the brake system for leakage and the brake linings for wear.



Wiper blade

The scraper blade rubber strip is made of synthetic rubber and is a wearing part. The use environment of various cars and the driver's habits may cause the damage to the scraper blade; therefore, in order to ensure the service life of the scraper blade and the driving safety of the car, please pay attention to the following precautions:

- Do not scrape the ice on the surface of the windshield with the wiper blade, and must use a dedicated ice scraper to remove it.
- Do not operate the wiper on the dirty, oily, or waxy windshield surface.
- Keep the windshield surface clean; do not scrap the windshield surface attached with dust, sand, insects and foreign objects.
- When the car is washed and the painted surface of the body is maintained, do not wax the windshield. The wax layer may cause the light reflection in case of poor light, which may affect the view of sight and the driving safety. After washing the car, must rinse the wiper blade with clean water and remove the wax layer on the windshield with a special glass wax layer cleaner.
- When washing the car, do not directly wash the wiper blade with a water gun to prevent its damage from too large washing pressure.

Maintenance rules

- Clean the windshield and wiper blades regularly (once every 1~2 weeks).
- Clean the wiper regularly (once every 1~2 days). When wiping the windshield with a wiper, must ensure the windshield must be wet sufficiently (the scrubber must be turned on in non-rain days).
- Must clean the windshield with a special windshield cleaner.
- Must remove the mud and insect corpses attached on the windshield with a rag completely in time.
- When there are striking traces on the windshield, must repair them in time (it is recommended to use a windshield repair resin product. If there are more or large traces, it is recommended to replace the windshield).
- Must replace the wiper blade regularly, or once every 6 months.
- When cleaning the windshield, the wiper arm must be lifted up firstly with the specific operation method as follows:
 1. First turn off the power supply.
 2. Hold the upper end of the wiper arm and carefully lift the wiper arm and blade assembly.

Air conditioning system

- The air conditioning system in your car is a closed system and any important maintenance must be performed by a qualified technician.
- You can carry out the followings to ensure the normal operation of the air conditioning system:
 - Check the air conditioning condenser regularly. Remove leaves, insects and dust deposited on the front surface. These deposits may block airflow and reduce the cooling effect. Please remove them with a low voltage water gun or a soft brush.

Note

- The condenser pieces and the radiator pieces are extremely easy to bend and can only be cleaned with a low voltage water gun or a soft brush.
- In cold weather, the air conditioning should be activated at least once a week and operated for at least 10min, to circulate the lubricating oil contained in the cooling system.
- If the cooling effect of the air conditioning system is lowered, it is recommended to contact BYD Auto Authorized Service Station for maintenance.

Note

- Whenever the air conditioning system is maintained, the inspection station should be required to ensure the normal operation of the refrigerant recirculation system.
- The system is used to recycle the refrigerant, and releasing the refrigerant into the environment may cause pollution.

Warning

- The air conditioning system is equipped with an electric compressor. Please use the genuine POE refrigeration oil in maintenance; do not use unqualified refrigeration oil or counterfeit POE refrigeration oil.

Tire

- For safe driving of the car, the type and size of the tires must be appropriate for your car and the tires should have good tire treads and be under standard pressure.
- The following section describes in detail the inspection methods of tire pressure, tire damage and wear, and tire replacement.

Warning

- Excessive tire wear, insufficient tire pressure or excessive tire pressure may cause an accident with personal injury or even death.
- Please follow the following instructions for tire inflation and maintenance.

Tire inflation

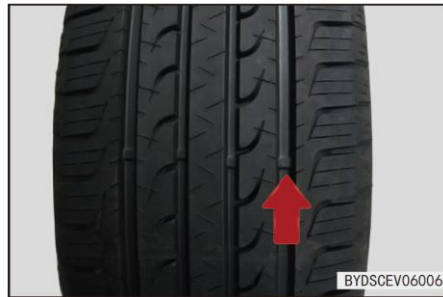
- Maintain the tires under normal pressure to provide the best combination of maneuverability, service life of the tires and driving comfort.
- The use of under-inflated tires may cause uneven tire wear and can affect handling and fuel consumption, and even cause air leakage due to overheating.
- The use of over-inflated tires may reduce the driving comfort, and damage the tires due to uneven road surface; in severe cases, it may cause a risk of deflated tire, resulting in a significant accident.
- It is recommended to check the tires every day. If it is found that one tire pressure is too low, must measure the pressure with a tire pressure gauge immediately. Must measure the tire pressure with the tire pressure gauge at least once every month; even if the tires are in good conditions, the tire pressure may be reduced by 7~15kPa (0.07~0.15kgf/cm²) every month.
- The tire pressure should be measured when the tire is under cold status. It means that the tire pressure should be measured after at least three hours from parking. If the car must be driven before measuring the tire pressure, the driving distance does not exceed 1.6km, which still be considered as the tires are under cold status.
- If the tire pressure is checked under hot status (after driving for several kilometers), the pressure reading may be 30~40kPa (0.3~0.4kgf/cm²) higher than the readings under the cold status, which is normal. Do not deflate the tire to the specified pressure reading under cold status; otherwise, it may cause that the tire pressure is insufficient.
- Check the tire pressure with your tire pressure gauge each time.

Tip

- The standard tire pressure value label is attached to the driver door frame.

Check

- When the tire pressure is checked each time, must check the tire for damage, foreign objects penetration and wear.
 - Check the sides of the tire for damage or bulging. In any case of abnormality, must replace the tire.
 - If there are scratches, cracks or breaks on the side of the tire, must replace it. Replace the tires
- The inside of the tire tread is marked with a wear mark. When the tread is worn to this position, a strip mark across the tire will be viewed, which indicates that the remaining tire thickness is less than 1.6mm; in this case, the tire adhesion on a slippery road is too small.
- If there are three or more wear marks on the tire tread, must replace it.



Maintenance

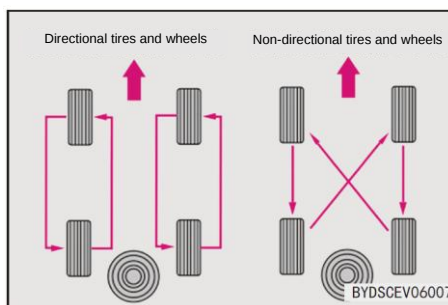
- In addition to proper inflation, the proper wheel alignment can also reduce the tread wear.
- If the tire is worn unevenly, it is recommended to contact BYD Auto Authorized Service Station to check the wheel alignment status.
- The tire balance has been performed before leaving the factory, but after a period of driving, it may be required for re-balance.
- If a certain continuous vibration is felt when driving at a higher speed (80km/h) but is not felt at low speed, it is recommended to contact BYD Auto Authorized Service Station for the tire inspection.
- If a tire has been repaired, it must be re-balanced.
- When installing a new tire, it must be balanced.

Note

- It is recommended to use BYD original balance piece; otherwise, any inferior balance piece may damage to the wheel.

Replace the wheel

- In order to ensure the uniform wear and extend the service life of the tires, it is recommended to perform the tire transposition regularly and check the four-wheel alignment.

**Replace the tires****Tip**

Please observe the following precautions; otherwise it may cause the loss of control of the car.

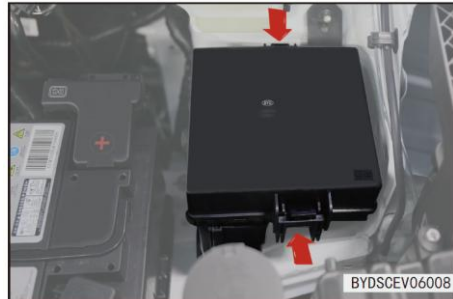
- Do not mix radial tires, slash tires or twill ply tires in one car.
- Do not use other tires other than the original ones.

Fuse

All circuits on your car are equipped with fuses to prevent short circuits or overloads. These fuses are installed in the fuse box, they are front compartment fuse case and instrument panel fuse case respectively. The front compartment fuse case and instrument panel fuse case are internally affixed with fuse labels. The relationship between fuses and electric parts can be determined by these labels.

Front cabin fuse box

- The fuse box below the front hatch is located on the rear left of the front cabin. To open it, must press the lock button as shown.



Instrument panel fuse case

- The instrument panel fuse case is located within the left lower guard panel of driver side dashboard. Disassemble the left guard panel of dashboard to check and repair the fuses.



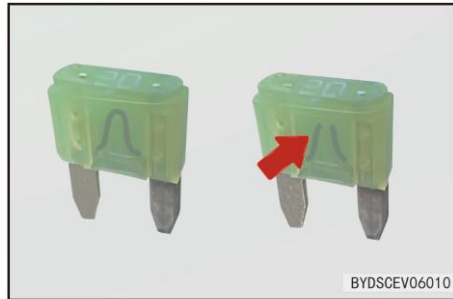
Check and replace the fuse

- If an electrical device in the car is not operated, first check the fuse for being blown.
- Determine the fuses to control the appropriate components based on the position map on the fuse box cover.
- Before determining the blown fuse is not the cause of the fault, must check all fuses.
- Replace all blown fuses and check all electrical components for operation. The specific operations are as follows:

1. Set the power supply in "OFF" position and confirm that the headlights and other accessories are turned off.
2. Open the fuse box cover.
3. Measure the fuse with the conduction positions on the multimeter to check it for being blown; Check each of the thick fuses in the fuse box below the front hatch.
4. Pull out the thin fuses in the fuse box in the front cabin and all the fuses in the fuse box inside the car with the fuse puller attached into the fuse box in the front cabin, and check them one by one.

5. Find the blown fuse. If it has been blown, replace it with a spare fuse with the same or lower ampere value.

- If the fault is not eliminated, the car cannot be started, and there is no spare fuse for replacement, the fuse with the same or lower ampere value from other circuits can be removed for replacement, but it must be confirmed that the circuit with fuse replacement is not used temporary (such as radio) for normal driving.



- If the blown fuse is replaced with a spare fuse with a lower ampere value, it may be blown again.
- Although it does not indicate a fault, the fuse should be replaced as soon as possible with a fuse of the proper rated value.

Note

Do not use a fuse with a higher rated ampere value, or any other object to replace the fuse; otherwise it may cause a serious damage and even a fire.

- If the blown fuse with a fuse with a higher ampere value, it may increase greatly the possibility of damage to the electrical system.
- If there is no an alternative fuse with an ampere value that can match the circuit, must use a fuse with lower ampere value.

6. If the replacement fuse with the same ampere value is blown off within a short time, it may indicate a serious electrical fault. In this case, the blown fuse should be left in the circuit, and invite a professional technician to check your car.

NO.	Ampere	Protected component or power supply
9	30A	Front wiper (if fitted)
10	15A	Front scrubber(if fitted)
11	10A	Charging port cap
12	/	Reserved
13	/	Reserved
14	/	Reserved
15	/	Reserved
16	5A	EVP test
17	5A	Left low beam
18	5A	Right low beam
19	5A	Left high beam
20	5A	Right high beam
21	40A	Blower
22	40A	ABS/ESP
23	25A	ABS/ESP
24	30A	Rear defroster
25	/	Reserved
26	15A	IG3
27	15A	IG4
28	30A	Low speed fan
29	30A	High speed fan
30	5A	Small light

NO.	Ampere	Protected component or power supply
31	10A	Horn
32	10A	Rear wiper(if fitted)
33	15A	Rear scrubber (if fitted)
34	/	Reserved
35	/	Reserved
36	10A	Module IG3
37	7.5A	Electronic control water pump
38	10A	Air conditioning module
39	5A	Electronic expansion valve
40	7.5A	Exterior rearview mirror defroster

Instrument fuse

NO.	Ampere	Protected component or power supply
1	/	Reserved
2	30A	BCM
3	10A	A/C
4	25A	Door lock
5	5A	Brake light
6	5A	Module power supply
7	15A	Main unit
8	/	Reserved
9	30A	Left EPB

NO.	Ampere	Protected component or power supply
10	30A	Right EPB
11	/	Reserved
12	15A	Sunshade
13	15A	Panoramic sunroof
14	20A	Front left window
15	5A	Indoor light
16	5A	Window switches
17	5A	DLC
18	5A	PAD rotary motor
19	15A	Radio
20	5A	Switch group
21	/	Reserved
22	7.5A	Steering axle lock (if fitted)
23	5A	USB
24	5A	ABS/ESP
25	5A	EPS
26	15A	SRS
27	20A	Front left window
28	5A	Module IG1
29	25A	Front wiper and scrubber (if fitted)
30	-	Reserved
31	-	Reserved

NO.	Ampere	Protected component or power supply
32	20A	Front right window
33	20A	Rear left window
34	20A	Rear right window
35	15A	Standby power supply
36	5A	Steering axle lock (if fitted)
37	5A	Switch group
38	5A	EPB
39	15A	Rear wiper and scrubber (if fitted)
40	5A	Multimedia
41	/	Reserved
42	/	Reserved
43	/	Reserved
44	/	Reserved
45	/	Reserved
46	/	Reserved
47	/	Reserved

In case of a fault **7**

7-1 In case of a fault	226
Emergency shutdown system	226
Car fire rescue	227
Rescue in event of a vehicle impact	227
Tire deflation.....	229
Use the spare wheel.....	231
If the car needs to be towed	238

 Tip

- If the car is faulty and needs an emergency stop, please wear the reflective vest attached with the car.

Emergency shutdown system

- When following conditions are met, the emergency shutdown system will be activated and the high voltage system will be turn off automatically:
 - When the airbag is not activated in case of a frontal collision.
 - Under some rear collisions.
 - When some systems are faulty.
- In case of any of the above collisions and certain system faults, the ready-to-drive indicator ("OK" indicator) will be turned off.
- Because the emergency shutdown system can be activated under the above several collisions, the risk of injury or accidents can be minimized. Once the emergency shutdown system is activated, the system cannot be switched to the ready-to-drive status (it means that the power switch cannot be switched to the ready-to-drive status) and the system will be turned off immediately. It is recommended to contact BYD Auto Authorized Service Station as soon as possible.

Car fire rescue

If there is a car fire, please operate the car continuously based on the actual conditions as follows:

1. Turn the power supply to "OFF" position and leave the car.
2. Under the conditions of personal safety, if the fire is small and slow, extinguish it with a dry powder fire extinguisher and call for help immediately.
3. If the fire is large and fast development, please stay away from the car and wait for rescue.

Note

- Must wear the protective gloves during disassembly process and use a specified type of fire extinguisher to extinguish the fire. If extinguishing the fire with water or an incorrect fire extinguisher, it may result in electric shock.
- If some objects (such as, interior parts, glass, etc.) are thrown off in some special cases, please stay away from the car and contact BYD Auto Authorized Service Station to go to the site for processing.

Rescue in event of a vehicle impact

In event of a vehicle impact, please operate the vehicle as per following method:

1. Please turn the power supply to "OFF" position and disconnect the battery in the front cabin if possible.
 2. Dial the service call of BYD Auto Authorized Service Station immediately for rescue.
 3. If the conditions permit, perform a simple check: check the edge of the power battery tray for cracks and any visible leakage.
- In event of a small amount of leakage, please keep away from fire source, absorb the fluid by liquid absorption mat, and then accommodate in an enclosed container or dispose by incineration. Please wear anti-corrosive gloves before operations. In event of a lot of leakage, please collect uniformly and dispose as hazardous chemical. The calcium gluconate solution can be added to dispose hazardous gas HF.
 - If the human body accidentally touches the leaked liquid, it should be rinsed with a plenty of water for 10min~15min immediately. If there is pain, it can be coated with 2.5% calcium gluconate ointment or soaked with 2%~2.5% calcium gluconate solution. If the pain feel is not relieved and there is still a discomfort, please seek medical service immediately.

 Warning

- Do not touch the leaked liquid, must stay away from the leaking car or power battery and contact BYD Auto Authorized Service Station immediately for rescue.
- This vehicle system uses high voltage DC power supply. The system can generate a lot of heat before and after the start of vehicle and at the power-off of vehicle. Please guard against high voltage and high temperature.
- Do not disassemble, move, or change any high voltage battery part or connecting wire, as the connector can cause serious burn or electric shock and probably cause personal casualties. The orange connecting wires are high voltage harnesses. The user is prohibited to repair the high voltage system of the vehicle by self. If any repair is required, it's recommended to repair by a BYD Auto Authorized Service Station.
- The personnel carrying medical devices will be probably influenced and harmed by the remote control key and the high voltage components of the electric vehicle.

Tire deflation

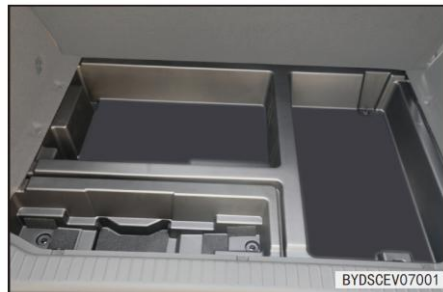
- Slowly reduce the driving speed and keep the straight driving. Drive the car away from the road and park it in a safe place away from heavy traffic. Do not park the car at the central crossings of the highway. Park the car on a solid and flat surface.
- Turn off the power supply and turn on the emergency warning indicator.
- Apply the parking brake switch and place the shift lever in "P" position.
- All passengers must get off to a safe place away from heavy traffic.
- Brake the car, and place a stopper before the tire in the diagonal direction of the deflated tire to prevent it from slipping.
- Eliminate the tire deflation fault by replacing the spare wheel or applying the tire repair agent.

Note

- Do not drive the car with a deflated tire continuously. Even if it is driven for a short distance, it will cause damage to the deflated tire to the point where it cannot be repaired.

Attaching tools

- The tool box is stored under the floor in the luggage compartment.



- 1** Jack rocker assembly
- 2** Jack (if fitted)
- 3** Towing hook
- 4** Wheel nut remover (if fitted)
- 5** Double-headed screwdrivers
- 6** Toolkit
- 7** Triangle warning sign
- 8** Reflective vest



Warning

When the car is jacked, in order to reduce the possibility of serious injury, please observe the following precautions:

- Observe the jack operation instructions.
- Only in case of tire replacement, the car can be jacked. When the car is jacked, no any person is allowed inside the car.
- Jack the car to the height where the tire can be removed and replaced.
- When the car is only supported by the jack, do not allow any person to enter the underside of the car; otherwise it will cause personal injury.
- Must place the jack at the correct supporting point. Any incorrect jacking positioning may damage the car or cause the car to fall off from the jack and cause personal injury.
- When jacking the car, do not place anything on or under the jack.

Use the triangular warning sign

Tip

- When parking the car for repair on a public road, please keep the warning sign at 100–200m away from the rear of the car, to remind the rear cars to avoid a danger. Please take the triangular warning sign back for the next use after the repair is completed.

The triangular warning sign is used to remind the rear cars to avoid collisions because the driving speed is too high and the brake is not applied in time.

Use method of the triangle warning sign:

- Take out the triangular warning sign from the package box.
- The combined triangle warning sign shows a closed triangle.
- Release the triangular warning sign support bracket as shown in the figure.



Use the spare wheel

Spare wheel position

- The spare wheel is stored in the spare wheel cover on the back door.



Take out the spare wheel

1. Insert the double-headed (slotted head) screwdriver in the opening slot (wrap a flexible material around the slotted head of the screwdriver to avoid damage to the painted surface), to open the camera cover.
2. Remove the Phillips pan head screws with the double-headed (cross head) screwdriver.
3. Remove the spare wheel retaining nuts with the jack rocker assembly in the attaching tools.
4. Remove the spare wheel.

After the spare wheel is removed; in order to install the deflated tire into the spare wheel cover, must remove the cover plate and the cushion support plate on the base and place them in the luggage compartment.

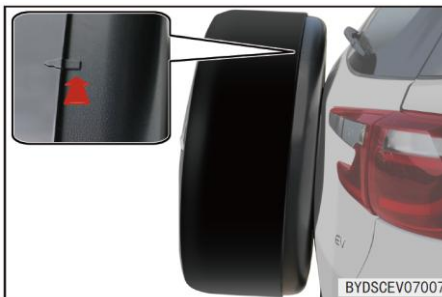


Note

- Do not touch the camera during the removal process to avoid its damage.

Install the deflated tire

1. Raise the spare wheel cover to a certain height, align 3 upper protrusions with 3 protrusions on the spare wheel base, and then drop 3 hooks under the spare wheel cover projections into 3 corresponding holes in the spare wheel base, and ensure that the hooks on both sides of the spare wheel cover are hooked into the corresponding holes on the spare wheel base.



Note

- Before installing the spare wheel, install the spare wheel cover cushion support plate and the spare wheel base cushion support plate in place; otherwise, there may be an abnormal noise from the spare wheel cover.
 - Do not touch the camera during the installation of the deflated tire to avoid its damage;
 - Tighten the fixing nuts of the deflated tire with the jack rocker assembly.
2. Push the spare wheel cover toward the front of the car to fully fit the spare wheel cover with the spare wheel base.
 3. Tighten the fixing screws between the spare tire cover and the camera and install the camera cover.

Replace the spare wheel

Block the wheel

1. Place a stopper before the tire in the diagonal direction of the deflated tire, to prevent the car from slipping.
- Place the stopper in front of the front wheel or behind the rear of the rear wheel to block it.



Loosen the wheel nuts

2. Remove the trim covers of the wheel nuts with the wheel nut remover in the attaching tools;
 3. Loosen all wheel nuts of the deflated tire;
- Loosen the wheel nuts before jacking the car.



- Turn the wheel nuts counterclockwise to loosen them.



i Tip

- Hold the end of the wrench handle down and do not allow the wrench to slide out from the nut.
- Do not remove the nuts, but just loosen them 1~2 turns.

⚠ Warning

- Do not apply oil or lubricant on the bolts or nuts. Otherwise, the nuts will be loosened, resulting in its falling off and even a serious accident.

Position the jack

4. Place the jack at the correct jacking point as shown.
- Confirm that the jack is placed on a flat and stable surface.



⚠ Note

- Confirm that the car is jacked properly, otherwise the car may be damaged.

Warning

During jacking process, the following rules must be observed to reduce the possibility of personal injury:

- Do not allow any part of your body under the jacked car. Otherwise, it may cause personal injury.
- When the car is jacked, do not turn on the power supply.
- Park the car on a flat and solid floor, apply the parking brake and place the shift lever in "N" position. If necessary, place a stopper under the tire in the diagonal direction of the deflated tire.
- Place the jack at the correct jacking point. If the car is jacked at an incorrect jacking position, it may cause damage to the car or cause the car to fall from the jack and even personal injury.

Jack the car

5. Confirm that there is no passenger in the car, and jack the car to the height at which the spare wheel can be installed.

- The ground height for installing the spare wheel may higher than the one for removing the deflated tire.
- Insert the jack handle into the jack (loosely engaged) and then rotate it clockwise to jack the car.



- When the jack touches the car and the car is jacked, must check the correct jacking position again.

Warning

- When the car is only supported with a jack, do not allow any person to enter the underside of the car.

Replace the wheel

6. Remove the wheel nuts and replace the wheel, and replace the deflated tire on one side. Move the spare wheel to the mounting position and align the bolts with the wheel holes. Lift the wheel until the top bolt passes through the appropriate screw hole.
 - Turn the tire and push it back until the other bolts pass through their appropriate screw holes.
 - Before installing the wheel, remove all the corrosion or the likes on the mounting surface with a wire brush.

Note

- When installing the wheel, ensure that the mounting surface is in good contact; otherwise, the wheel nuts may be loosened and even fallen off during driving process.

Reinstall the wheel nuts

7. Reinstall all wheel nuts.
 - When reinstalling the wheel nuts, first install the wheel nuts by hand, push the wheel back and tighten the wheel nuts again.

Warning

- Do not apply oil or lubricant on the bolts or nuts; otherwise, it may cause the nuts to be tightened excessively and even damaged. Therefore, the nuts may be loosened, resulting in the wheel falling off and even a serious accident.
- If the oil or lubricant is applied on the bolts or nuts, it must be cleaned completely.

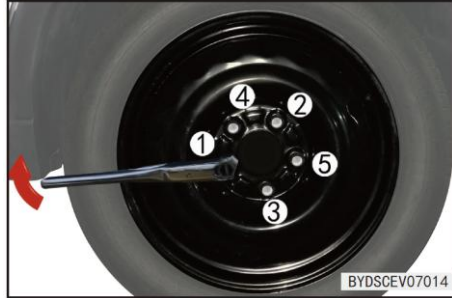
Lower the car

8. Lower the car completely and tighten the wheel nuts and install the wheel nut trim covers.
 - Turn the jack handle counterclockwise to lower the car.



Tip

- Tighten the nuts with a wheel nut wrench. Do not use other tools or any lever other than your hand, such as a hammer, tube or foot.
 - Ensure the wrench is tightly installed on the nut.
-
- Tighten the nuts in the order shown step by step until all nuts are tightened fully.



Note

- When the car is lowered onto the ground, ensure that all parts of the body and all surrounding persons cannot be injured.
- After replacing the spare wheel, the wheel nuts must be tightened to the tightening torque of 120 N•m. Otherwise, the nuts will be loosened, resulting in its falling off and even a serious accident.

After wheel replacement

9. Check the tire pressure after replacement.
 - Adjust the tire pressure to the specified value. If the tire pressure is lower than the specified value, slowly drive the car to a nearby service station to inflate the tire to the correct pressure value.
 - Must install the tire air valve cap; otherwise it may cause the air leakage because the dust and moisture enter the air valve core. If the air valve cap is lost, must install a new one as soon as possible.
10. Collect all tools, jack, and deflated tire in place.
 - After replacing the wheel, must tighten the wheel nuts to the specified tightening torque with a torque wrench.
 - The deflated tire must be repaired by a technician.

i Tip

- Before driving, ensure that all tools, jack, and deflated tire are fixed in their storage position to reduce the possibility of personal injury in case of a collision or emergency braking.
- When the car installed with the spare wheel is driven, please observe the maximum speed limit of 80km/h.
- Do not use the spare wheel for a long time. It is recommended to contact BYD Auto Authorized Service Station for tire repair and replacement as soon as possible.

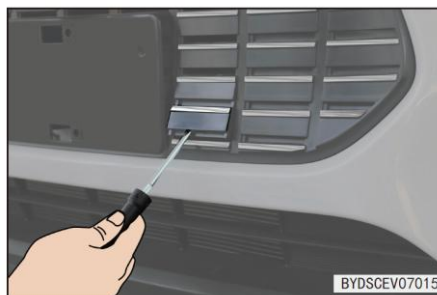
If the car needs to be towed

- If the car needs to be towed, it is recommended to consult BYD Auto Authorized Service Station. Do not tow the car with ropes or chains equipped for other cars.
- When a car needs to be towed in case of a fault, it is best to choose a flatbed trailer, because the grounding of the front wheels may cause damage to high voltage components.

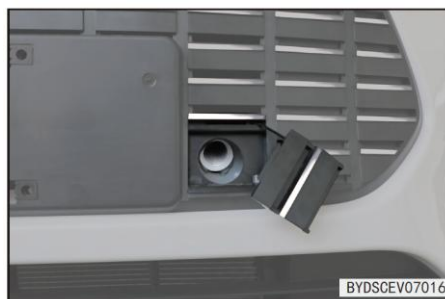
Towing hook mount

The mounting position of the towing hook is as shown.

1. Pry the trim cover of the towing hole with a tool.



2. Install the towing hook in the towing hole.



Tip

- It is not recommended to tow the car with the towing hook; it is best to contact the professional traction service department or your roadside assistance service organization.
- Only use the towing hook attached on the car; otherwise the car may be damaged. Do not tow the car from the rear with four wheels on the ground; otherwise the car may be damaged.

Vehicle specifications

8

8-1 Data information	242
Vehicle parameters.....	242
8-2 Tips	245
Vehicle identification number	245
Warning label.....	248
Microwave window	249

Vehicle parameters

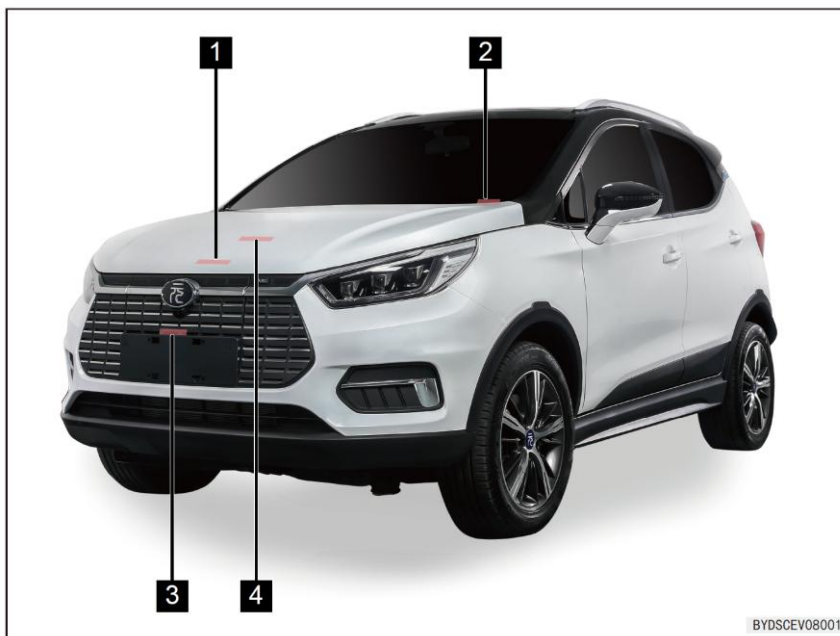
Product model and name			BYD7003 BEV3	BYD7003 BEV4	BYD7003 BEV5	BYD7003 BEV
Dimensions (mm)	L × W ×H		4360×1785×1680			
Track (mm)	Front/ Rear		1525/1535			
Wheelbase			2535			
Mass (kg)	Curb mass		1645	1580	1450	1495
	Axle load	Front axle	910	870	795	840
		Rear axle	735	710	655	655
	Maximum allowable total mass		2020	1955	1825	1870
	Axle load	Front axle	1000	975	905	930
		Rear axle	1020	980	920	940
Tire specifications			215/55R17	205/60R16		
Tire pressure (MPa)			0.25	0.21		
pare tire specifications			T145/80R17 107M	T135/90R16 102M		
Spare wheel pressure (MPa)			0.42			
Approach angle (°, full load)			23			
Departure angle (°, full load)			26			
Front suspension/ Rear suspension (mm)			840/985			
Maximum slope %			30			20
Number of passengers			5			
Maximum design speed (km/h)			120	101		
Rated power/speed/torque of			65/5172/120	35/4775/70		

Product model and name		BYD7003 BEV3	BYD7003 BEV4	BYD7003 BEV5	BYD7003 BEV
electric car drive motor (kW/r/min/N.m)					
Peak power/speed/torque of electric car drive motor (kW/r/min/N.m)		120/15000/280	70/12100/180		
Power battery		Nickel cobalt cobalt manganate battery			
Rated capacity of power battery (Ah)		135		105	115
Reasonable range of brake discs (mm)		Front brake disc: 26~28 Rear brake disc: 9~11	Front brake disc (With “CTCS” marking on brake calipers): 24~26 Front brake disc: 23~25 Rear brake disc: 10~12		Front brake disc: 24~26 Rear brake disc: 10~12
Brake friction pair (mm)		Front brake lining thickness: 2~11 Rear brake lining thickness: 2~10	Front brake pad thickness (With “CTCS” marking on brake calipers): 2~11 Front brake lining thickness: 2~10 Rear brake lining thickness: 2~10		Front brake lining thickness: 2~11 Rear brake lining thickness: 2~10
Wheel dynamic balance requirements (g)		≤10			
Brake pedal free travel (mm)		≤5			
Drive type		4×2 Front drive			
Wheel alignment parameters (under the curb mass)	Front wheel outer inclination (°)	-0.77±0.75			
	Front wheel front toe (mm)	1.6±2; Unilateral: 0.8±1			
	King pin inner inclination (°)	14.02±0.75			
	King pin back inclination (°)	5.36±0.75			

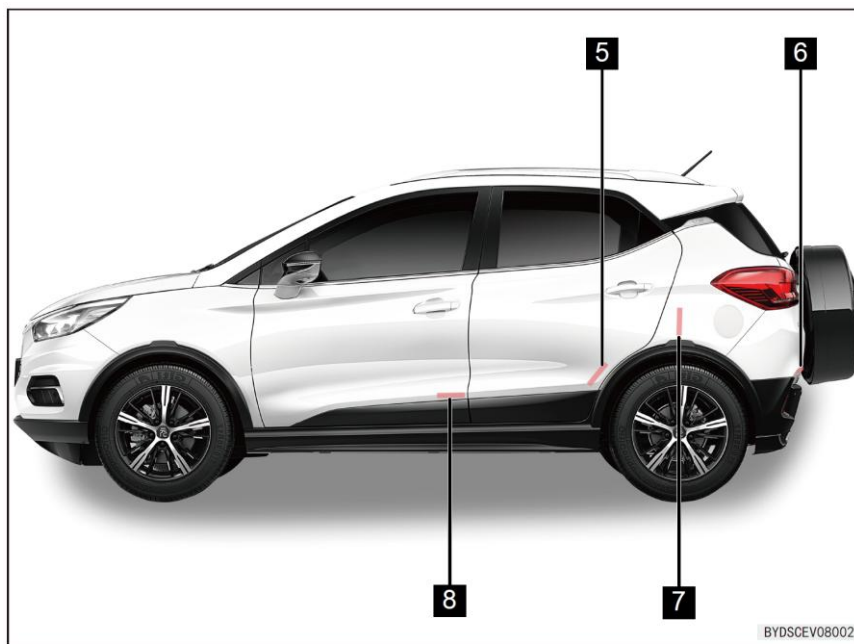
Product model and name		BYD7003 BEV3	BYD7003 BEV4	BYD7003 BEV5	BYD7003 BEV
	Rear wheel outer inclination (°)	-1.40±0.50			
	Rear wheel front toe (mm)	1.6±2.4; Unilateral: 0.8±1.2			
Note: The width of the body does not include the exterior rearview mirrors, the height of the body includes the antenna base, and excludes the antenna.					

Vehicle identification number

VIN code (Vehicle Identification Number)



- 1** VIN code is located directly below the front hatch lock ring
- 2** VIN code is located at the left lower of the front windshield
- 3** VIN code is on the right side of the tweeter
- 4** VIN code is located on the front box of the front drive motor assembly



5 VIN code is located above the corresponding joint of the rear left door lock ring

6 VIN code is located in the middle of the lower edge of the back door

7 VIN code is located on the tilting plate at right side of the rear left wheel assembly

8 VIN code is located below the corner line at front left door joint surface

The VIN is stamped on the beam beneath the front passenger seat.

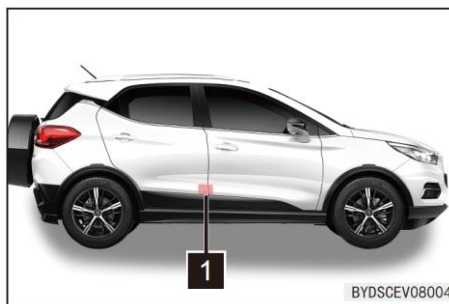


Note: VIN can be read at the upper right corner of the selected model after connecting the car VDS. For details, please see the VDS User Manual.

Vehicle nameplate

1 Affixed beneath the right B-pillar lock ring, it includes the following information:

- Company name
- Brand,
- Manufacturer country
- Vehicle model
- Number of passengers
- Manufacturing year and month
- Drive motor model
- Peak power of drive motor
- Rated voltage of power battery system
- Rated capacity of power battery system
- VIN
- Maximum allowable total mass

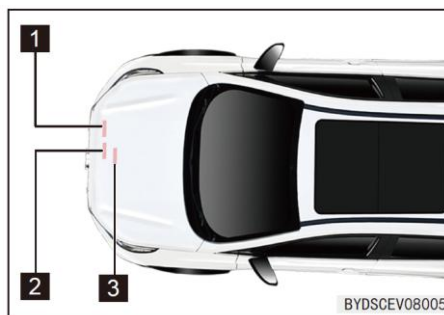


Drive motor model and number

1 The drive motor model and number (BYD7003BEV3) are located on the upper motor housing.

2 The drive motor model and number is located on the motor housing nameplate.

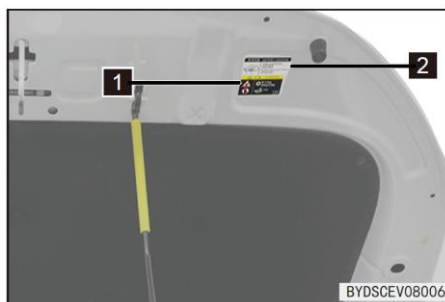
3 The drive motor model and number (BYD7003BEV/BYD7003BEV4/BYD7003BEV5) are located on the upper motor housing.



Warning label

1 A/C system and cooling fan labels

2 Battery position indicator



The side airbag warning plate (if fitted) is located under the left and front right door latches.



The child restraint device indicator is located below child safety locks at the left and rear right doors.



The tire pressure indicator is pasted directly below the left airbag label.



The airbag warning label is located on the front and back of the front passenger sunvisor.



Microwave window

The microwave window is located at the right upper position of front windscreen.



Note

- While affixing the electronic labels, do not overlap them with any glass frame or other object.



A

12V standby power supply.....	189
A/C operation panel (if fitted)	174
A/C operation panel and interface (if fitted)	175
A/C panel (if fitted)	173
Air conditioning system	213
Air vent.....	180
Airbag triggering conditions and notes ...	29
Anti-theft system	40

B

Battery.....	119
B-call/E-call switch(if fitted)	97

C

Car corrosion protection.....	198
Car fire rescue	227
Card slot	185
Carrying luggage.....	124
Central storage box.....	185
Charge instructions	103
Charge method	107
Charging port electric lock control function	112
Child lock	65
Child restraint device	35
Clean the car.....	200

Clean the inside of the car.....	202
Cooling system.....	209
Cruise control (if fitted)	139
Cup holder	184

D

Dashboard view.....	42
Driver and front passenger airbags	24
Driving essentials	136
Driving safety system	153

E

Electronic parking.....	132
Emergency shutdown system	226
Emergency warning indicator switch	85
Exterior rearview mirror	163

F

Fire prevention	125
Front central armrest storage box	185
Front hatch	208
Front left door switch assembly	81
Front passenger seat side airbag (if fitted)	27
Front row USB/charging port	188
Front seat adjustment	66
Function definition	176
Fuse	217

G

Gear actuator131

H

Headrest69

How to save the power and extend the service life of your car122

I

If the car needs to be towed238

In case of a tire deflation.....229

Indicator/warning indicator43

Indoor light switch98

Installation of child restraint device36

Interior rearview mirror165

Introduction to the airbag system23

Introduction to the seatbelt.....18

K

Key.....54

L

Light switch71

Lighting adjustment switch group85

Lock/unlock the door.....57

Low Speed Sound System (AVAS)(if fitted)157

M

Maintenance cycle and content192

Microwave window 249

Mobile phone slot 184

Mode switch group 86

Multimedia operation panel 170

N

Notes about self-maintenance..... 205

P

Painted surface maintenance tips 199

Panoramic image system (if fitted) 142

Parking assist system (if fitted)..... 148

Parking image system (if fitted) 144

Passenger window control switch 84

Power battery 116

Purifying system (if fitted) 181

R

Radio operation panel 172

Rear charging port (if fitted) 189

Rear seat folding 68

Rear storage box..... 186

Regular maintenance 198

Remote start function 130

Rescue in event of a vehicle impact..... 227

Right storage box 184

Running-in period 121

S

Safety handle	188
Smart access and start system.....	61
Smart charge function.....	112
Snow chains.....	168
Start	127
Steering wheel adjustment.....	70
Steering wheel switch assembly	87
Sunroof switch (if fitted)	95
Sunvisor	187

T

Tire pressure monitoring	159
Tire.....	214
Trailer towing	121

U

Use of seatbelt.....	20
Use the spare wheel	231

V

Vehicle identification number	245
Vehicle parameters	211
Vehicle parameters	242

W

Warning label	248
Washer.....	210

Wiper blade	211
Wiper switch.....	77
Wiper	166

ABS	Anti-lock brake system	HBA	Hydraulic brake assist device
AUTO	Automatic	ISOFIX	Child restraint device
AUX	Auxiliary signal terminal	MAX	Maximum
AIRBAG	Airbag	MIN	Minimum
APP	Application	OFF	Turn off
CDP	Deceleration control of parking brake	SD	Memory card
ECO	Economic model	SRS	Airbag system
ECU	Electronic control unit	TPMS	Tire pressure monitoring system
EPB	Electronic parking switch	TCS	Tracking control system or traction control system
EPS	Electronic steering system power	TRIP A	Mileage I
ESP OFF	Electronic body stabilizer closed	TRIP B	Mileage II
ESP	Electronic body stabilizer	USB	Universal serial bus
HHC	Uphill assist device	VDC	Vehicle dynamic control system
HDC	Steep slope descent function	VIN	Vehicle identification