ETP3

OWNER'S MANUAL



Foreword

Thank you for choosing a BYD vehicle. Getting through this manual is an essential to the correct use and maintenance of BYD vehicle. Should you have any further questions regarding contents of this manual, please contact the BYD authorised service provider for help.

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

This manual is intended to help you use the product correctly and does not represent any description of the configuration of the product. For information about the configurations of the product, please refer to contracts (if any) related to the product or consult your vendor. The illustrations in this manual are provided only for your reference. If any illustration is different from the actual product, the latter shall prevail.

BYD Auto Industry Co., Ltd. reserves the right to revise any and all technical specifications and contents in this manual and change the status of spare parts under no obligation to give prior notice.

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

WARM TIP

For matters that must be followed to facilitate maintenance and others.

CAUTION

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

WARNING

For matters that must be followed to ensure personal safety.

- **Signs used in the illustrations:**

Sign	Description
	This sign indicates operating a switch or any other device (pressing, turning, etc.), without continuous action.
	This sign indicates operating a switch or any other device (pressing, turning, etc.), with continuous action.
	This sign indicates the position of a switch or any other device.
	This sign indicates "Prohibited", "Doing this is prohibited" or "This occurrence is prohibited".
	**This sign indicates the position of a component (A/B/C, etc.).**
	**This sign indicates the position where some actions are carried out (1/2/3, etc.).**

This manual is intended to help you use the product correctly and does not represent any description of the configuration of the product. For information about the configurations of the product, please refer to contracts (if any) related to the product or consult the BYD authorised service provider selling the product to you.

For exchange of opinions on how to operate the vehicle, please visit http://club.bydauto.com.cn

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Overview of BYD Vehicle

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

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

The power battery, which has been strictly tested for high temperature, high voltage and impact, provide an excellent safety performance.

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

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

The 35kW motor can provide this vehicle with a large torque to enable it to travel at a high speed. It makes the vehicle easy to start, with a maximum vehicle speed of 100 km/h.

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3	Operation of Controller	Learn how to open and close vehicle doors and windows, perform adjustment before driving and others
4	Application and Driving	Learn necessary operations and suggestions during driving
5	Infotainment System	Learn how to operate the audio system and display system
6	Interior Devices	Learn how to use interior devices and others
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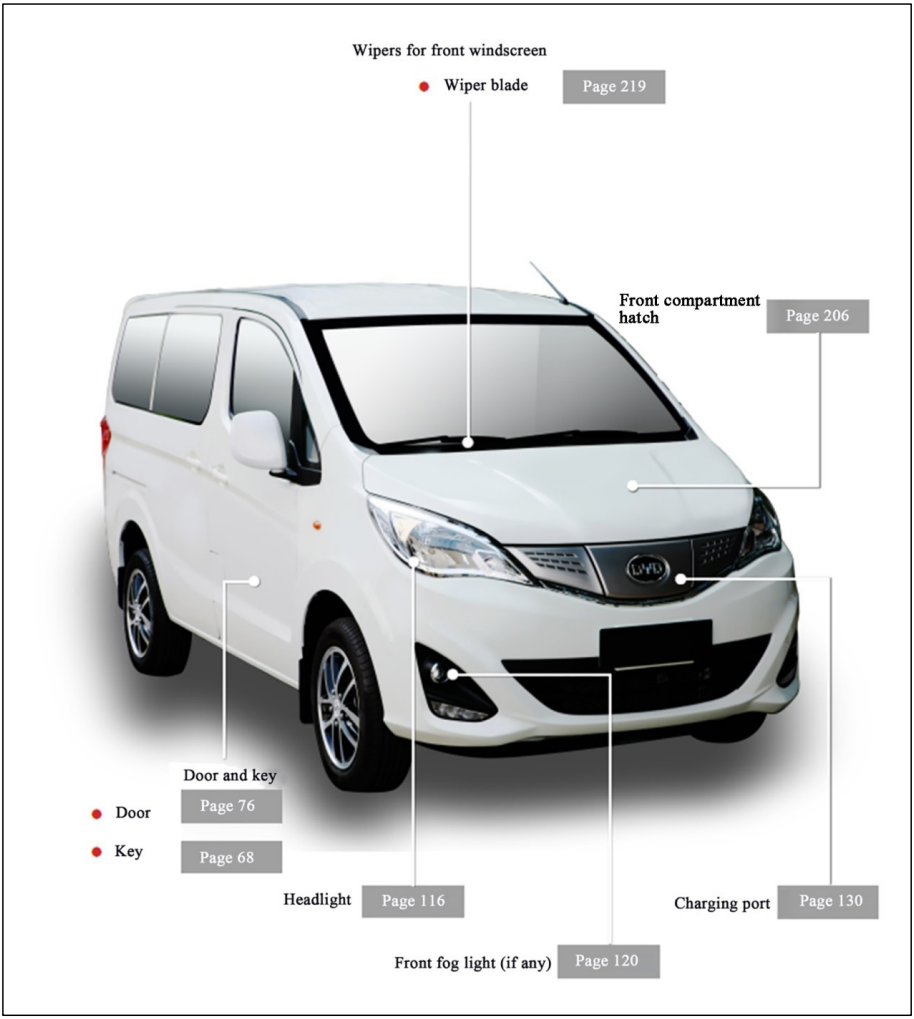
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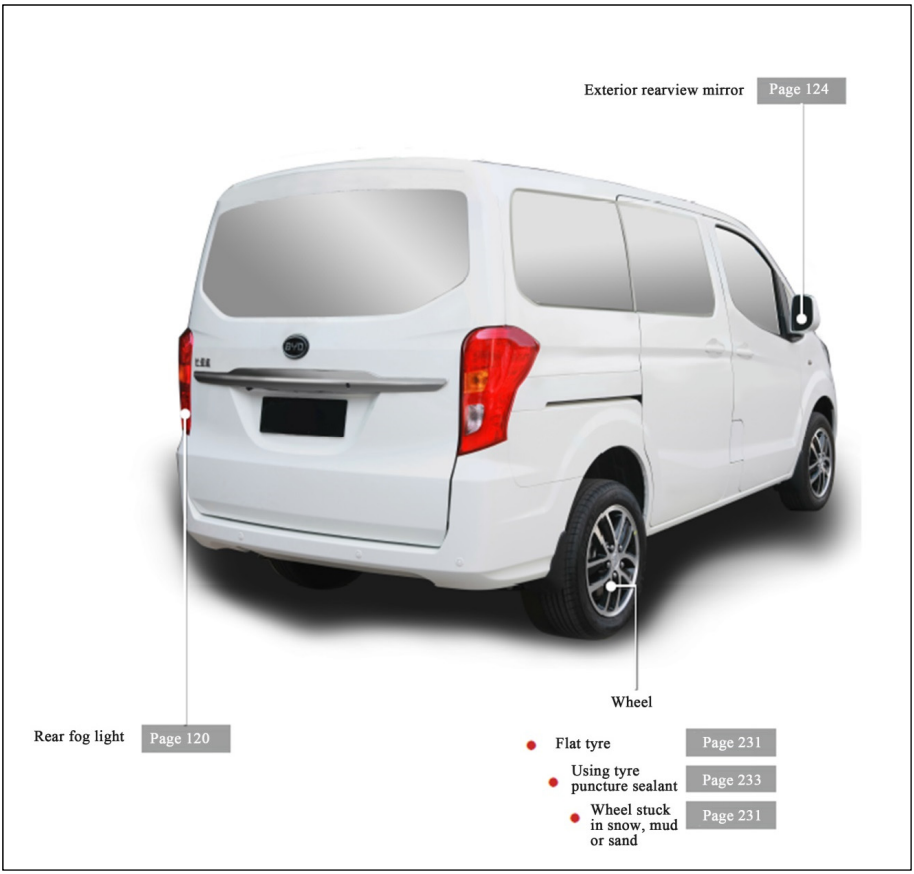
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■ Trunk



01 Safety

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Seat Belt

Introduction to Seat Belt

Studies indicate that proper use of seat belts can considerably reduce casualty of passengers in vehicles in emergency brake, abrupt turning or collision accident. Please read and strictly observe the following contents:

- The driver and passengers must adjust the shoulder belt of three-point type seat belt to a proper position according to the body shape. The length of the seat belt will adapt to the body shape and seat position of a passenger.
- Be sure to keep the lap belt in a position as low to the hip as possible. Do not buckle it in the waist position. Pull the shoulder belt upward by using the latch plate to adjust the seat belt to a proper position.
- If any seat belt cannot smoothly retract automatically, pull it out and check for knot or twist. If so, contact a BYD authorised service provider for inspection.

Audible and visual warning function for unfastening of seat belt

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

WARNING

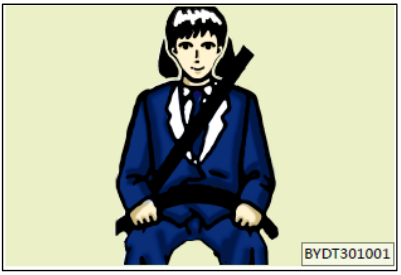
- Before driving the vehicle, make sure that all passengers in the vehicle have properly fastened their seat belts. Otherwise, passengers in the vehicle are more liable to severe personal injury or even life threat during emergency brake or collision accident.

WARNING

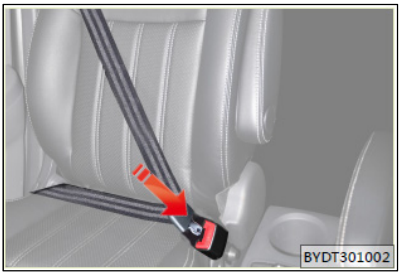
- The seat belts in the vehicle are mainly designed based on the body size of adults and not suitable for children. Please select suitable child restraint system based on the age and body size of your child.
- In case any seat belts are damaged or abnormal, contact a BYD authorised service provider for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

Seat Belt Use Method

1. Adjust the seat to a proper position and adjust the backrest to a proper angle. (Refer to 3-2 for seat adjustment method).
2. Pull out the seat belt strap smoothly across the shoulder near the point where the strap is pulled out and then across the chest diagonally. Be sure not to pull the strap across underneath of the arm or back of the neck. The strap provides the optimum protection when it is positioned across the center of the shoulder. It should not contact the neck or slide off the shoulder.



3. Insert the seat belt tongue to the buckle until you hear the "click"; pull the tongue in the opposite direction to confirm it has been locked successfully. Take care not to twist the strap.

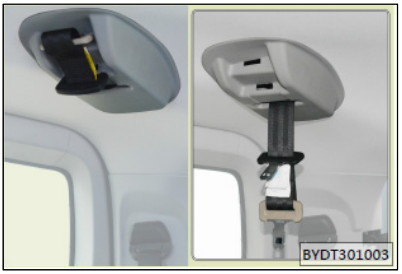


WARM TIP

- The shoulder belt should cross the center of the shoulder. The belt should be positioned away from the neck and not slide off the shoulder easily. Otherwise, in case of emergency brake or accidents, the seat belt cannot protect passengers and even cause severe injury to passengers.
- The lap belt strap should cross the hip at a position as low as possible to prevent tightening strap from injuring passengers during accident.
- The seat belt strap should be close to an occupant's body to better achieve its protection function.

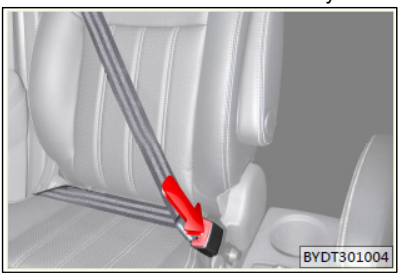
Rear middle seat belt (if any)

Pull down the seat belt at the roof, insert the upper tongue to the buckle on the left side of the middle seat, and insert the lower tongue to the buckle on the right end of the middle seat.



Unfastening seat belt

Press the red release button on the buckle; the tongue will be released and the strap will be retracted automatically.



CAUTION

- One seat belt can be used by one person only at a time. In no case can two or more persons share one seat belt.
- Avoid tilting the seat backrest too much. The seat belt provides the optimum protection when the seat backrest is held upright.
- Do not allow any seat belt or its buckle or tongue to be clamped by a door; otherwise, the seat belt may be damaged.
- Check the seat belt regularly for cuts, wear, looseness and other abnormal conditions. In case of abnormity, contact a BYD authorised service provider for confirmation and handling; do not use corresponding seats before such confirmation and handling.
- Do not remove, disassemble or modify any seat belts arbitrarily.

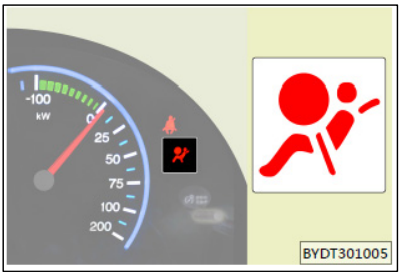
CAUTION (CONTINUED)

- After an accident occurs, contact a BYD authorised service provider for inspection of the seat belts. If the pretightening function of a seat belt is activated, be sure to replace the seat belt.
- If a severe accident has occurred, even though no obvious damage appears, replace the seat belt together with the seat assembly.
- A pregnant woman should also fasten seat belt correctly as other passengers. Note especially that lap belt strap should be positioned across the hip as low as possible to prevent tightening strap from causing severe damage to the pregnant woman and her fetus in case of an accident.

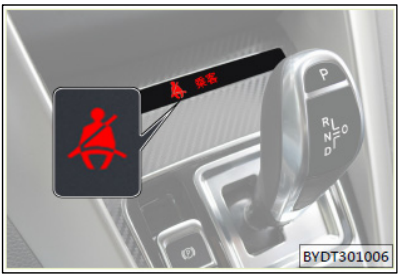
Audible and visual warning function for unfastening of seat belt

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

- Warning light for unfastening of driver's seat belt



- Warning light for unfastening of front passenger's seat belt (if any)



Introduction to Air Bag System

Introduction to Air Bag System

- The air bag system is part of supplemental restraint system (SRS), supplemental to the seat belts. In case of a severe collision accident with the system triggering condition met, the air bag will deploy rapidly and together with the seat belts, provide additional protection for the heads and chests of the driver and passengers to reduce casualties.
- This vehicle is equipped with front air bags, including a driver air bag and a front passenger air bag (if any).

CAUTION

- When the vehicle is travelling, please always use the seat belt.
- Please keep the correct sitting posture to allow the seat belt and air bag system to exert the maximum protection function.
- Do not allow any child to sit on the front seat.
- Do not install or remove any air bag parts privately.

Notices for air bag system

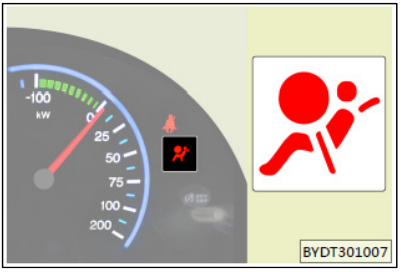
- The air bag is developed to match the specific vehicle model. Any modification of the suspension, tyre size, bumper, chassis or equipment installed by the manufacturer will adversely affect the air bag. Do not fit any air bag part to any other vehicle; otherwise, the air bag may fail, causing personal injury.
- The driver should keep his/her chest at least 25 cm from the steering wheel to obtain the most effective protection when the air bag deploys. In other words, the front seat and headrest must always be adjusted depending on the driver's stature and the driver should always keep his/her arm slightly curved and almost straight.
- Do not affix any object to, cover with any object or make any other decorative treatment of the steering wheel trim cover surface and the front passenger air bag surface. Clean the surfaces with dry or slightly damped rag only. Do not strike the surfaces with force.
- No objects should be present between the driver/front passenger and the functioning range of corresponding air bag. Never install any accessories such as telephone support, cup or ashtray on an air bag trim cover or within the functioning range of an air bag. Otherwise, the risk of injury will be aggravated when the air bag deploys.
- Do not allow any child to sit on the front passenger seat and avoid old or weak person/pregnant women sitting on the front passenger seat as much as possible. It is suggested that pregnant women should seek and follow a doctor's opinion on riding a vehicle. When using the seat belt, properly fasten the lap belt; otherwise, deploying air bag may cause severe personal injury.
- Do not modify any air bag parts, including corresponding labels.
- It is suggested than any maintenance operation on the air bag (including removal and installation of any air bag part for repairing another part) be carried out by a BYD authorised service provider.
- Be sure to replace the air bag within 10 years since the day of its manufacture (marked on the quality certificate of the vehicle). Contact a BYD authorised service provider for its replacement. If you replace any air bag parts before the day due for replacement, please keep all air bag replacement records. If you wish to transfer the vehicle, please hand over all relevant documents to the new owner.
- When scrapping any parts of the vehicle or its air bag system, please observe relevant safety regulations and scrapping procedure.
- The air bag system has a strong resistance to electromagnetic interference around. However, to avoid unexpected conditions, please do not operate the vehicle in an environment with electromagnetism intensity beyond the limit required by the country.
- After the air bag deploys, avoid direct contact with the air bag module components; otherwise, it may cause burn or bodily discomfort.
- Failure of the air bag to deploy does not mean a fault in the air bag itself. Improper repair or use of damaged parts will affect the proper operation of the air bag.
- The air bag can only provide accident protection for one time. Once an air bag is damaged or has deployed, be sure to the replace the air bag system.
- BYD Auto will not be liable for any direct and indirect loss in respect of any damage caused by failure to follow the above instructions.

Triggering Conditions of Air Bag System

- Triggering conditions of air bag system:
  - » Triggering of the air bag system depends on some decisive factors relevant to the collision intensity, type of accident, collision angle, obstacle and vehicle speed when a collision accident occurs.
  - » When a special collision accident occurs, the air bag system may be triggered.
- Decisive factors for triggering air bag system

  A comprehensive comparison and judgment will be made between the set value and an acceleration curve produced in a collision and obtained by the ECU. If the acceleration curve or any other signal produced and detected in collision is lower than relevant reference value preset in the ECU, the air bag will not be triggered even if the vehicle may have been severely deformed in the accident.
- The air bag system may not function in any accident. It will not be triggered generally in case of slight frontal collision, rear-end collision or overturn. In this case, the driver and passengers can be protected normally by properly wearing seat belts.
- BYD AUTO has fully considered the common misuse and road conditions in the country in setting the ECU of the air bag system. However, as the reasons and forms of collision accidents vary, for the sake of your safety, please strictly observe this Owner's Manual and correctly operate the vehicle; otherwise, the expected effect of the air bag system cannot be guaranteed.

Warning Light for Air Bag System



- The SRS is monitored by the ECU, with self-diagnosis function. Its state can be displayed via the warning light on the dashboard.
  - » When the START/STOP button is in the OK mode, the warning light for air bag system will light up, go out about 5s later and keep off for more than 5s. This indicates that the air bag system is normal.
  - » If the air bag system is turned off by a BYD authorised service provider, the warning light will operate as described above but the air bag system will not have the protection function.

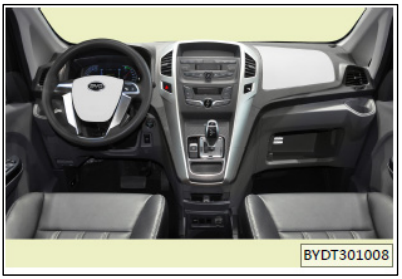
WARNING

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

Driver Air Bag and Front Passenger Air Bag (If Any)

If the vehicle you select is equipped with a driver air bag and a front passenger air bag (if any), when the ECU suffers a medium to severe frontal collision while the vehicle is travelling and triggering conditions of air bag system are met, the air bags will deploy to assist in protecting your and the front passenger's heads and chests to reduce the degree of injury. In the following conditions, contact a BYD authorised service provider:

- The air bag cover (highlighted part in the figure) is broken, split or otherwise damaged.



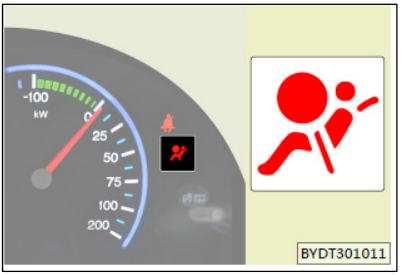
- Air bags have fully been inflated.



- When the front part of the vehicle (the part in shadow in the figure) suffers collision, air bags fail to deploy.

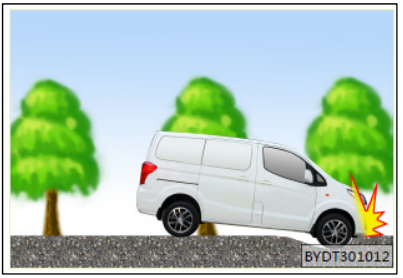


- The air bag indicator on the combination instrument lights up abnormally.



Conditions in which air bags may deploy

- The vehicle front end hits the ground when passing over a deep pit.



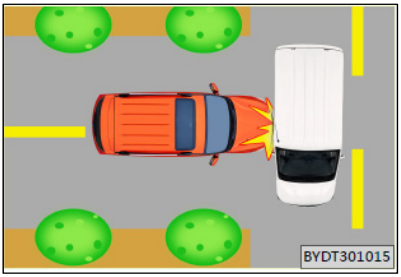
- The vehicle hits a kerb projection, kerbstone or any others.



- The vehicle front end hits the ground when the vehicle goes downhill.

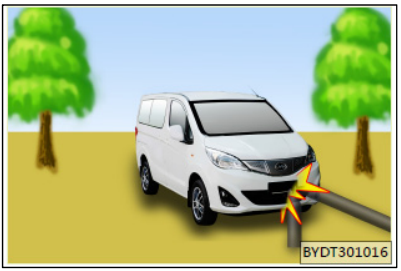


- The vehicle suffers lateral collision by another vehicle.

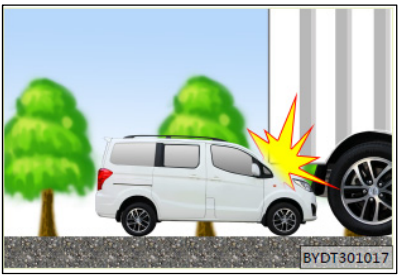


Conditions in which air bags may not deploy

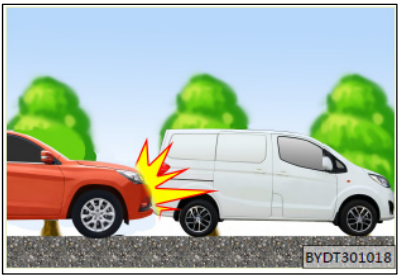
- The vehicle hits a concrete column, wood or any other long and slender object.



- The vehicle hits the lower rear part of a truck.



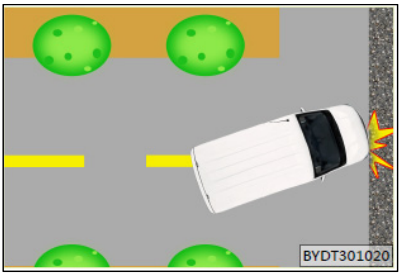
- The vehicle suffers rear-end collision by another vehicle.



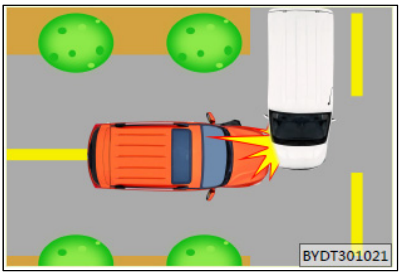
- The vehicle overturns.



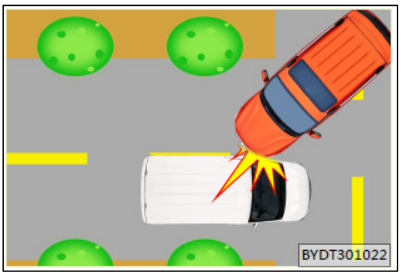
- The vehicle hits a wall or another vehicle on a part other than the front part.



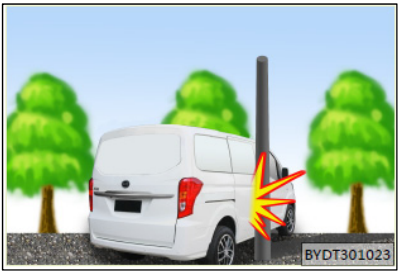
- A part other than the passenger compartment of the vehicle suffers a lateral collision.



- A side of the vehicle suffers an oblique collision.



- The vehicle hits a post on the side.



Classification of Child Restraint System

Classification of Child Restraint System

- Choose a set of child restraint system suitable to your child's age and body size. If your child's body size is too large to use a child restraint system, arrange your child on a middle seat and wear a seat belt.
- Please correctly fix the child restraint system not used to a seat. Do not place the child restraint system on a passenger seat or in the trunk arbitrarily.

WARNING

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

WARNING

- If the vehicle is equipped with side air bags and curtain air bags, even though a child is placed in a child safety seat, do not allow him/her to lean his/her head or any other body part against any door, seat, front/rear pillar or side beam at roof (which will be affected when side air bags deploy). Otherwise, a considerable impact force applied when the side air bags or curtain air bags deploy will cause severe injury or even life threat to a child there.

WARM TIP

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

Installation of Child Restraint System (If Any)

- Please attach the child restraint system to the middle outboard seat as per the installation manual provided by the child restraint system manufacturer.
- Do not install a child restraint system in the front seat.

Installing child restraint system with ISOFIX rigid anchor

The middle outboard seats are equipped with special anchorage levers. (A label indicating the anchorage position is affixed on the seat.)



Anchor base (for top tether)

The middle outboard seats are provided with anchor bases.

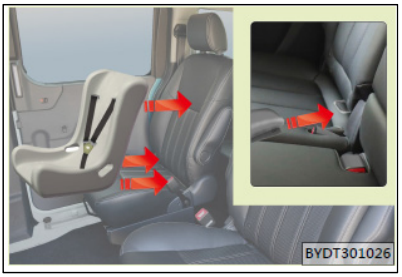


WARM TIP

- Fix the top tether when installing the child restraint system.

Installation of child restraint system:

1. Check the position of the special anchorage lever and install the child restraint system on the vehicle's seat.



WARNING

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

WARM TIP

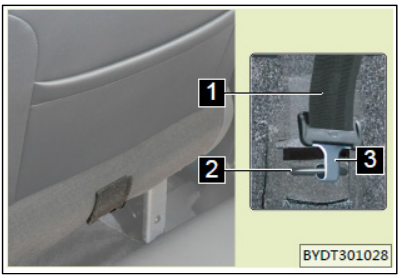
- The anchorage lever is installed in the gap between seat cushion and seat backrest.

2. Lift the headrest, and pass the child restraint system top tether and clip through the space between the headrest levers to behind the backrest.



3. Open the anchor base cover. Attach the clip to the anchor base and tighten the top tether. Make sure that the top tether is attached securely.

- Top tether
- Anchor base
- Clip



WARM TIP

- If the child restraint system is provided with a top tether, fix the top tether to the anchorage position.

4. Reinstall the headrest.



WARNING

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

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

Information on suitability of different seats for child restraint system:

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

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

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

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

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

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

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

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

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

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

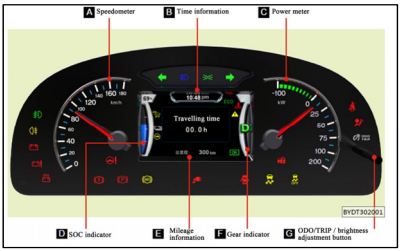
X = The ISOFIX position is not suitable for ISOFIX child restraint systems under this mass group and/or size class.

02 Instrument Set

Combination Instrument Appearance 32
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Combination Instrument Appearance

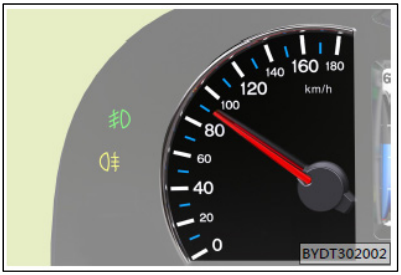
Combination Instrument Appearance



Detail of combination instrument

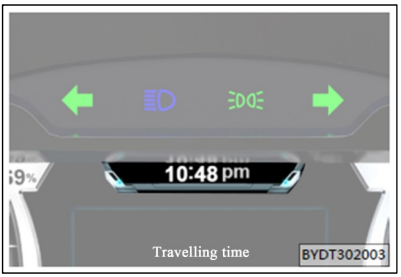
A Speedometer

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



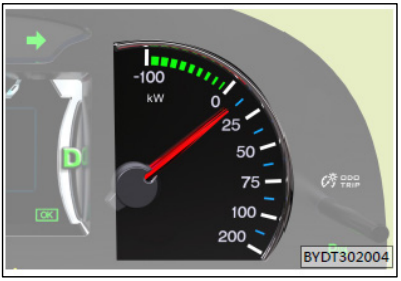
B Time information

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



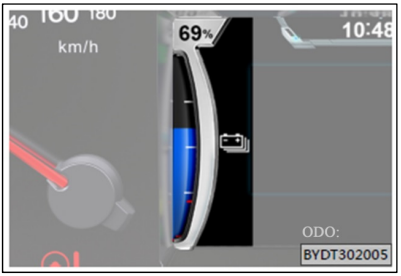
C Power meter

- The power meter indicates the real-time powers of the vehicle in a current mode.
- When the vehicle is running downhill or at a low speed, the indicated power values may be negative, indicating that the vehicle is charging the power battery.



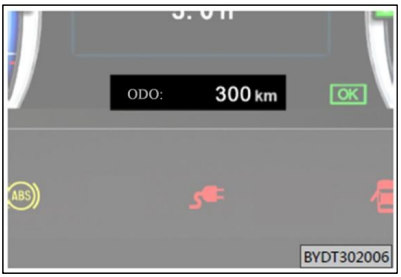
D SOC indicator

- The SOC indicator represents the estimated current power battery state of charge in %.



WARM TIP

- If the indicator bar is in or about to enter the red part, please charge the power battery as soon as possible.

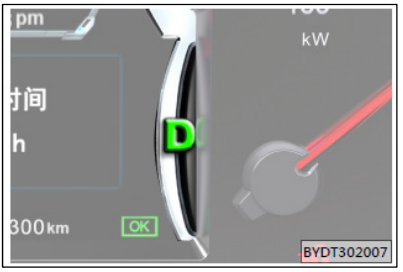


E Mileage information

- The displayed information is shown in the figure on the right:
  - » ODO – indicates the total mileage the vehicle has been driven.
  - » TRIP A / TRIP B – indicates different mileages the vehicle has been driven since the dual tripmeter is reset.
  - » ODO/TRIP switching / reset button – resets the dual tripmeter or changes the mileage information display.
  - » This instrument displays in the default unit of km, which can be switched to mile via the unit setting in the menu.
  - » The tripmeter can be used to measure the mileage of each trip (TRIP A or TRIP B).

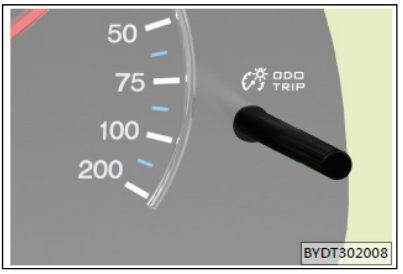
F Gear indicator

- After the gearshift lever lies in a position, the corresponding gear will be displayed.



G ODO/TRIP / brightness adjustment button

- To change the mileage information display, press and release the ODO/TRIP / brightness adjustment button. Pressing the button repeatedly will scroll through the following information displayed on the combination instrument: ODO, tripmeter (TRIP A), tripmeter (TRIP B) and ODO.



- If the vehicle is powered up (OK) and position light is turned on, the brightness of the combination instrument and dashboard will turn on synchronously. Under TRIP B, press and hold this button to adjust the vehicle backlight.

Vehicle Travelling Information

Vehicle travelling information will be displayed when there is no fault prompt message. The content of vehicle travelling information can be selected with the steering wheel button  .



Vehicle travelling information interface

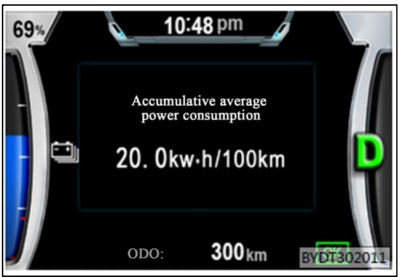
- Driving range

  It indicates the estimated range the vehicle can be driven based on the current SOC.



- Accumulative average power consumption

  It indicates the average power consumption from delivery of vehicle from the factory to the current status.

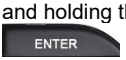


- Accumulative average power consumption based expense

  It indicates the average power consumption based expense from delivery of vehicle from the factory to the current status.



- Average power consumption for the last 50 km

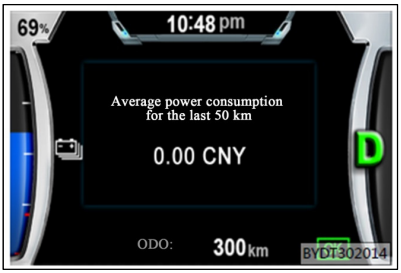
  It indicates the average power consumption for the last 50 km. Pressing and holding the steering wheel button 

for more than 2s can reset the information.



- Average power consumption based expense for the last 50 km

It indicates the average power consumption based expense for the last 50 km.



- Average vehicle speed

It indicates the average vehicle speed from the previous resetting to the current status. Pressing and holding the steering wheel button ENTER for more than 2s can reset the information.



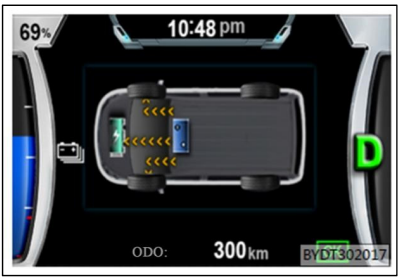
- Travelling time

It indicates the travelling time in OK mode from the previous resetting. Pressing and holding the steering wheel button ENTER for more than 2s can reset the information to zero.



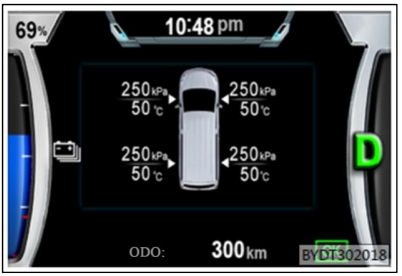
- Energy flow

This information indicates the state of energy flow among the motor, battery and wheel.



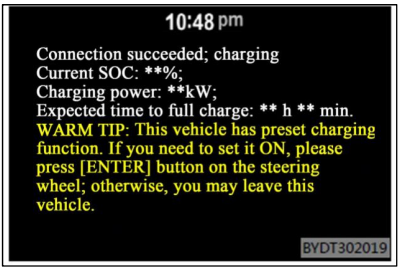
- Tyre pressure display interface

It indicates the pressure and temperature values of each tyre.

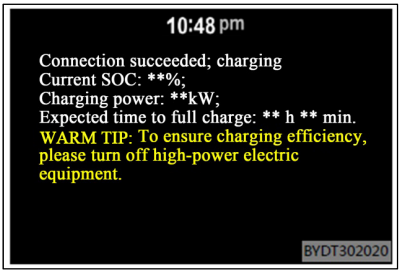


Prompt information

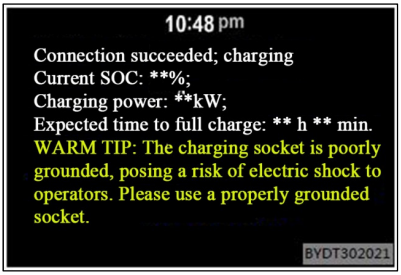
- On the charging interface, the current charging information is displayed.
  - » On the interface, press the steering wheel button ENTER to enter the preset charging setting interface (during AC charging).



- On the charging interface, the current charging information is displayed.
  - » In the case shown in the figure, the charging power is less than the electric consumption power; therefore large-power electric consumers should be turned off to ensure charging of the battery.

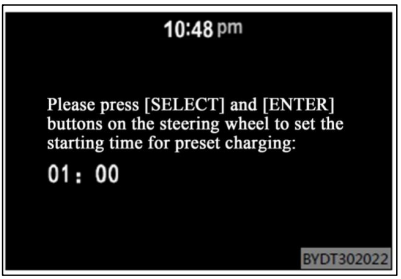


- On the charging interface, the current charging information is displayed.
  - » In the case shown in the figure, the charging socket is not grounded, posing a risk of small electric shock; a socket with grounding function should be used.



- On the preset charging setting interface, press the steering wheel button  to increase/decrease the charging time, and press the button 

to save (during AC charging).



- The information is displayed when the system is preparing for charging after charging connection.

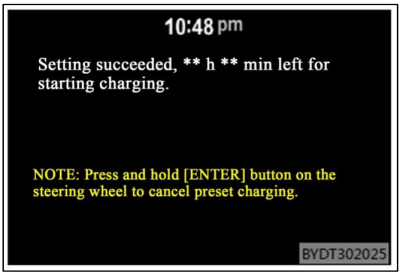


- It indicates charging is complete.



- The preset waiting interface is displayed after the preset charging setting.
  - » To cancel the preset charging function, press and hold the steering wheel button 

.

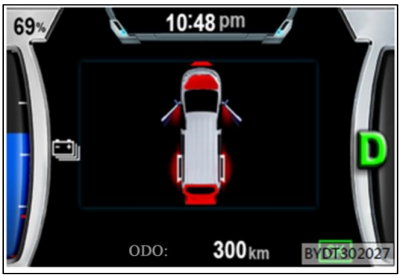


- It indicates the battery is low. In this case, charge the battery with the power battery.



- Door state

This message indicates that the doors, trunk lid, charging port cap and front compartment are open.



- When the vehicle is travelling, please release the EPB.



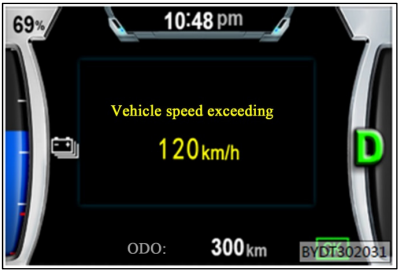
- Please shift to P (parking).



- Shift out of P position to release EPB.



- This message is displayed when the vehicle speed exceeds the setting value of warning speed.



- This message is displayed when the maintenance time is approached.



- This message is displayed when the battery is low.



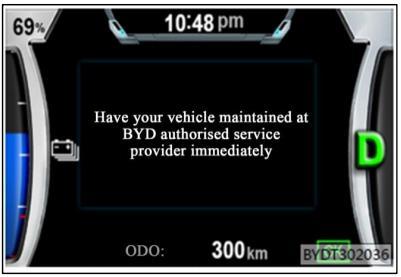
- This message is displayed when the maintenance mileage is approached.



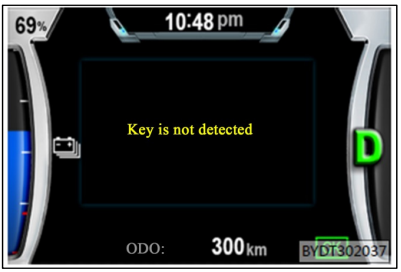
- This message is displayed when both the maintenance time and maintenance mileage are approached.



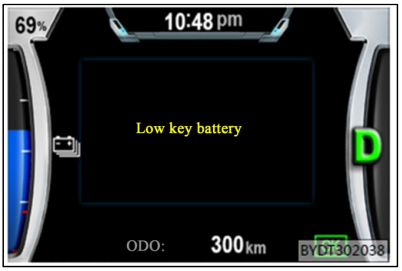
- This message is displayed when the maintenance time or maintenance mileage is reached.



- This message is displayed when the START/STOP button is pressed while the key is not within the range of detection.



- This message indicates that the intelligent key battery should be replaced due to low battery.



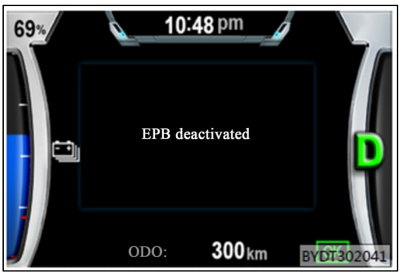
- Prompt for starting vehicle



- This message indicates that the EPB system has been activated currently.



- This message indicates that the EPB system has been deactivated currently.



- It indicates that the vehicle has been started currently and may be driven in gear.



- It indicates that the vehicle has been in a gear and in a drivable state.

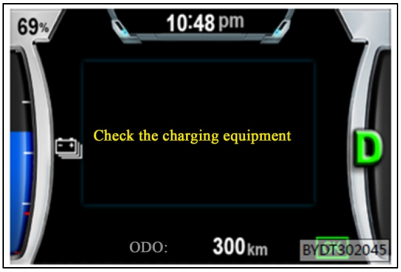


- This message is displayed when the vehicle travels at a certain speed and the steering wheel button ENTER is pressed with an attempt to enter the menu.

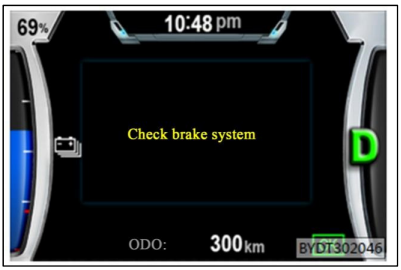


Fault information

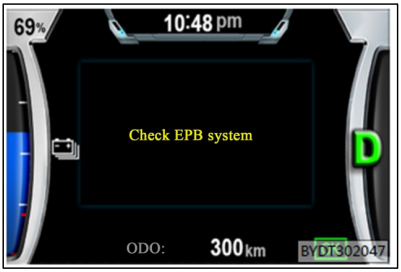
- The on-board charging system is faulty. Please check if the charging connection is abnormal and reconnect the charging equipment. Contact a BYD authorised service provider if the problem remains after such operation.



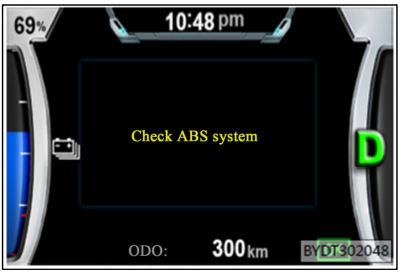
- This message indicates a fault in the brake system. In this case, contact a BYD authorised service provider.



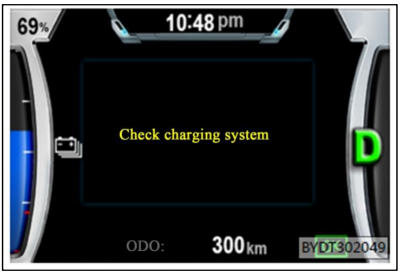
- This message indicates a fault in the EPB system. In this case, contact a BYD authorised service provider.



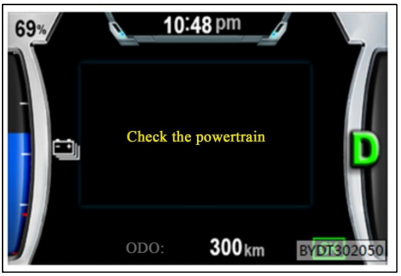
- This message indicates a fault in the ABS system. In this case, contact a BYD authorised service provider.



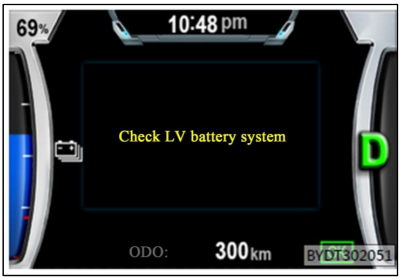
- This message indicates a fault in DC, alternator, battery (LV battery) or any other system. In this case, stop the vehicle and contact a BYD authorised service provider.



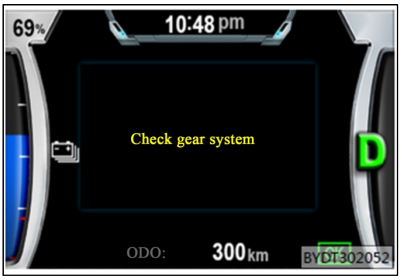
- It indicates a fault in relevant motor, power battery, gear controller, or any other device of the vehicle. In this case, stop the vehicle and contact a BYD authorised service provider.



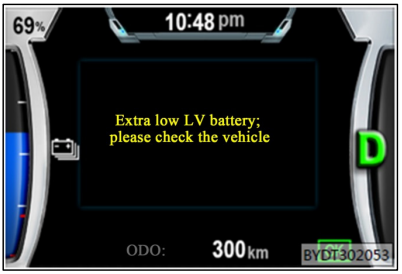
- This message indicates a fault in battery (LV battery) system. In this case, contact a BYD authorised service provider.



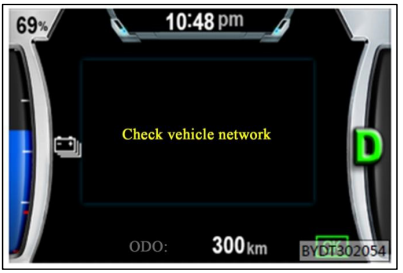
- This message indicates a fault in the gear controller. In this case, stop the vehicle and contact a BYD authorised service provider.



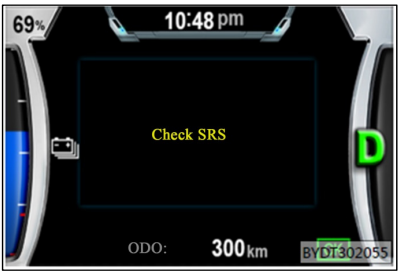
- This message indicates a fault in battery (LV battery) system. In this case, contact a BYD authorised service provider.



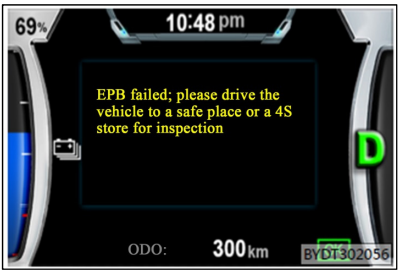
- This message indicates a possible fault in the current data network. In this case, stop the vehicle and contact a BYD authorised service provider.



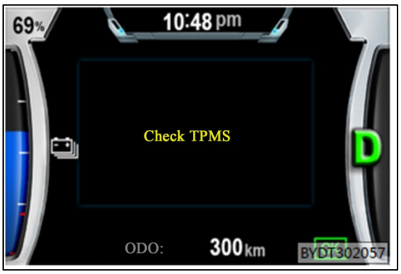
- This message indicates a fault in the air bag system. In this case, contact a BYD authorised service provider.



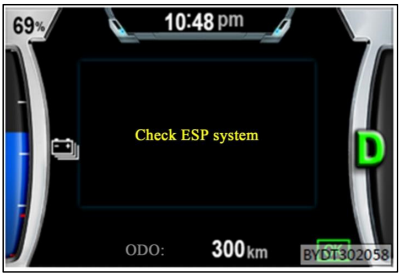
- This message indicates that the EPB system cannot work normally. In this case, drive the vehicle to a safe place or contact a BYD authorised service provider for inspection.



- This message indicates a fault in the tyre pressure monitoring system. In this case, contact a BYD authorised service provider.



- This message indicates a fault in the ESP system. In this case, contact a BYD authorised service provider.



Indicator and Warning Light

Operation Indicators

Operation indicators are used to tell the driver about the working states of all systems of the vehicle.


Left turn signal


Right turn signal


High beam on indicator


Position light indicator


Front fog light indicator

Rear fog light indicator


Anti-theft indicator



ECO indicator

Engine simulator status indicator

Main warning indicator



EPB indicator


Power battery charging connection indicator



OK indicator


Driver's seat belt warning indicator


Door status indicator

Limited power driving indicator


Battery state indicator

ESP OFF warning light (if any)

Fault Warning Lights

Fault warning lights are used to remind the driver of the occurrence of faults in a system. Perform troubleshooting according to the following methods in case of faults.



Parking brake fault warning light
If the parking brake cannot be used normally, stop the vehicle and contact a BYD authorised service provider.



Charging system warning light
Stop the vehicle and contact a BYD authorised service provider.



Powertrain fault warning light (if any)
Send the vehicle to a BYD authorised service provider for inspection if this indicator keeps lighting up.



Power battery over temperature warning light
When this indicator lights up, stop the vehicle in order to cool the battery.



Power battery fault warning light
Send the vehicle to a BYD authorised service provider for inspection if this indicator keeps lighting up.

ABS fault warning light
Send the vehicle to a BYD authorised service provider for inspection. If the parking brake fault warning light also turns on, stop the vehicle and contact a BYD authorised service provider.



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



Air bag system fault warning light
Send the vehicle to a BYD authorised service provider for inspection.



Steering system fault warning light
Stop the vehicle and contact a BYD authorised service provider.

ESP fault warning light (if any)
Send the vehicle to a BYD authorised service provider for inspection if this indicator keeps lighting up or flashing.

Tyre pressure monitoring system fault warning light (if any)
Send the vehicle to a BYD authorised service provider for inspection if this indicator keeps lighting up.
Flashing of this indicator is not a fault indication of ESP system.

Menu Adjustment

Adjustment Button

- By pressing the steering wheel buttons, you can enter and adjust the menu.
  - » 

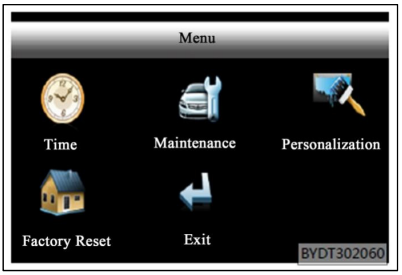
is used to confirm a selected menu item.
  - » 

is used to scroll up/down the menu selection bar.

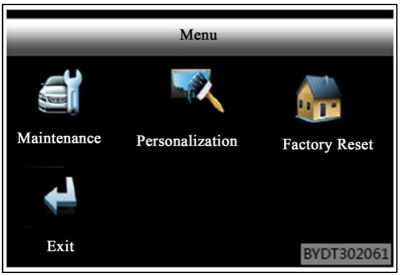


Menu Adjustment Function

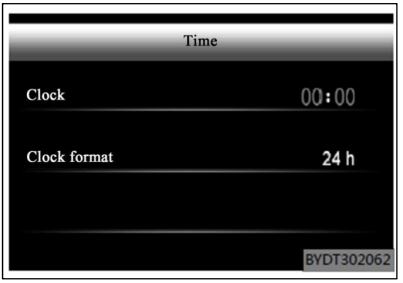
- Menu structure
  - » Menu structure (if a radio is equipped)



  - » Menu structure (if the multimedia is equipped)



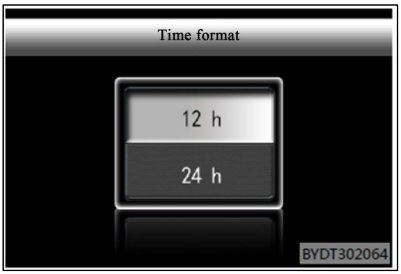
- Time (if a radio is equipped)
  - » Function to set instrument time



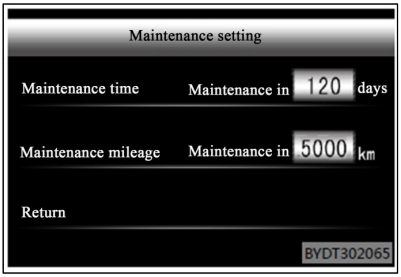
- Clock
  - » Adjust the time displayed on the screen



- Time format
  - » Adjust the format of time displayed on the screen



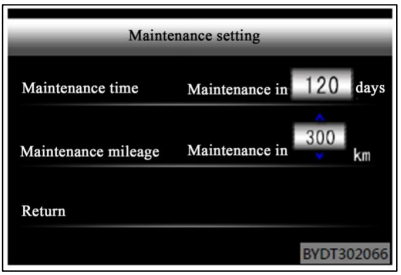
- Maintenance: It is used to set the vehicle maintenance information.
  - » Maintenance time: It is used to set the number of days before the next vehicle maintenance. With the maintenance time function enabled, if the maintenance time is approached or reached, after the vehicle is powered up (OK), the display screen will show corresponding reminder information.
  - » It is used to set the status of the maintenance time.



Displayed Item	Function
X days or "OFF"	It indicates currently set maintenance time. If the function is deactivated, "OFF" is displayed.
OFF	It is used to deactivate the maintenance time function

Displayed Item	Function
"▲"	It is used to increase maintenance time by an increment of 15 days
"▼"	It is used to decrease maintenance time by a decrement of 15 days
Return	It is used to exit the maintenance time menu and return to the previous menu

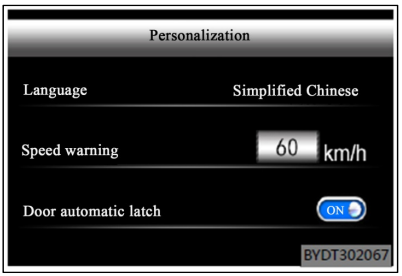
- Maintenance mileage: It is used to set the mileage before the next vehicle maintenance. With the maintenance mileage function enabled, if the maintenance mileage is approached or reached, after the vehicle is powered up (OK), the display screen will show corresponding reminder information.



Displayed Item	Function
XXX km or "OFF"	It indicates currently set maintenance mileage. If the function is deactivated, "OFF" is displayed
OFF	It is used to deactivate the maintenance time function

Displayed Item	Function
“▲”	It is used to increase maintenance mileage by an increment of 500km
“▼”	It is used to decrease maintenance mileage by a decrement of 500km
Return	It is used to exit the maintenance time menu and return to the previous menu

- Personalization: It is used to set the working status of other modules in the vehicle.
  - » Language setting
  - » Speed warning
  - » Door automatic latch



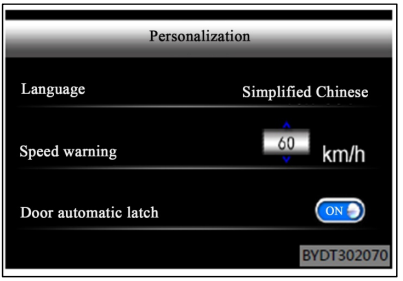
  - » Language: It is used to set the instrument system operation language, including:

    Simplified Chinese

    English



  - » Vehicle warning: It is used to set the vehicle speed limit, in the range of 60 km/h ~ 180 km/h.



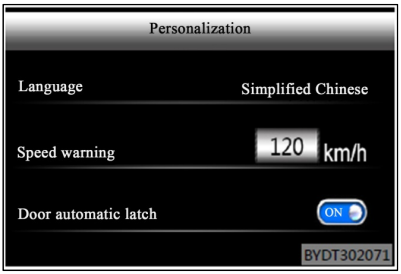
Displayed Item	Function
XXX km or "OFF"	It indicates the currently set speed warning limit. If the function is deactivated, "OFF" is displayed.
OFF	It is used to deactivate the speed warning function.
“▲”	It is used to increase the vehicle speed warning limit by an increment of 10 km/h

Displayed Item	Function
“▼”	It is used to decrease the vehicle speed warning limit by a decrement of 10 km/h
Return	It is used to exit the vehicle speed warning menu and return to the previous menu

- Door automatic latch: It is used to set the four doors to be locked automatically when the vehicle starts running.

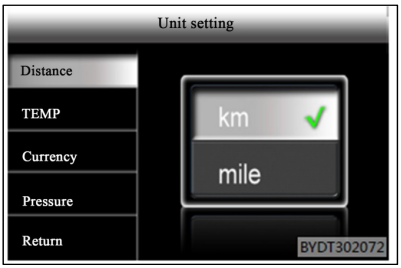
  ON: "Door automatic latch" function is enabled.

  OFF: "Door automatic latch" function is disabled.

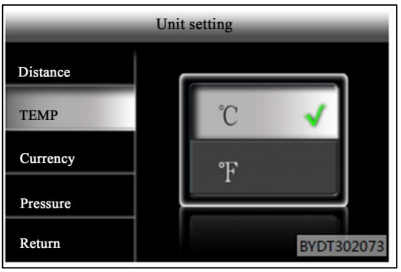


- Unit: It is used to set the display units of vehicle travelling information.

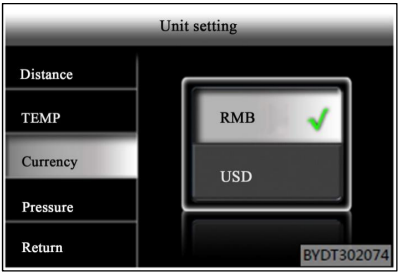
  Distance: km / mile



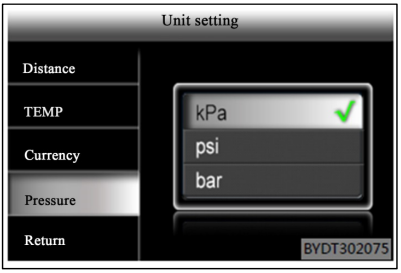
Temperature: °C / °F



Currency: RMB/ dollar



Pressure: kPa / psi / bar



- Unit price of electricity: It is set based on local unit price.

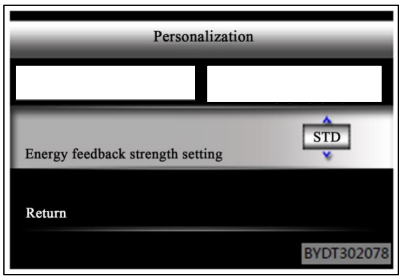
  Integer



Decimal



- Energy feedback strength setting: It is used to set the strength of energy feedback to the battery pack according to user's requirements.



- Factory reset: It is used to restore all operation items of the combination instrument to their factory status.

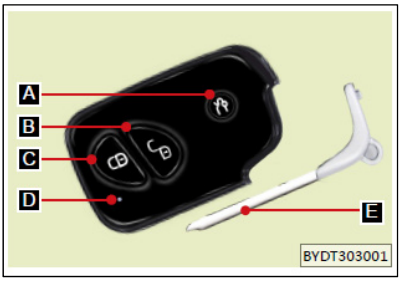


03 Operation of Controller

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Keys and Doors

Introduction to Keys



Keys include an electronic intelligent key and a mechanical key.

- Electronic intelligent key: It is used to lock / unlock doors, open the trunk lid, or locate the vehicle via the remote control button when it is near the vehicle.

A Trunk lid opening button

B UNLOCK button

C LOCK button

D Indicator

- Mechanical key (in the electronic intelligent key): It can be used to unlock/lock the driver's door.

E Mechanical key

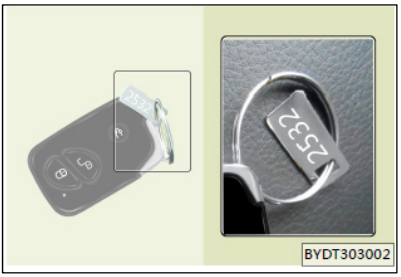
WARNING

- One with an implanted heart pacemaker or a cardiac defibrillator shall keep away from the antenna of the Keyless system, as the electromagnetic wave may interfere with such equipment. For information on antenna position, please refer to "Positions of detection antenna" in this chapter.

WARNING

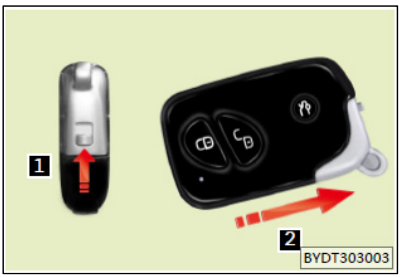
- In addition to those using implanted heart pacemakers or cardiac defibrillators, users with other electronic medical devices shall also consult the manufacturers of such devices for information regarding their use under the interference of the electromagnetic wave. The electromagnetic wave may lead to unpredictable consequences to the usage of the medical equipment.

Key number plate



- The key No. is shown on the number plate. Store the number plate properly and do not place it in the vehicle.
- If your key is lost or you need a spare key, you may ask a BYD authorised service provider to reproduce the key with the key number plate.
- BYD recommends that you remember the key No. and store the number plate in a secure place.

Mechanical key



To use the mechanical key in the electronic intelligent key, pull down the release switch 1 and take out the mechanical key 2 as shown in the figure. Be sure to replace the mechanical key after using it.

Electronic intelligent key

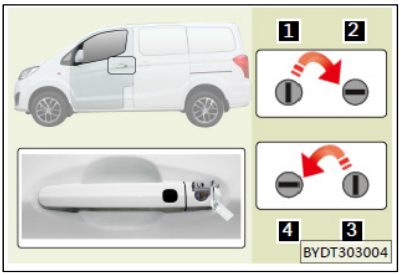
- The remote control system (electronic intelligent key) is used to lock / unlock all doors within a range of 1m from doors, and to realize accessory functions.
- When operating any button, press it slowly and firmly.
- If the electronic intelligent key fails to operate within the normal range or the indicator on the key is dim or out of work:
  - » Check if any radio station or radio transmitter of an airport is nearby interfering with the normal operation of the electronic intelligent key.
  - » The battery may be dead. In this case, contact a BYD authorised service provider to replace the battery.
- If your electronic intelligent key is lost, contact a BYD authorised service provider to prevent your vehicle from being stolen or any other unexpected accidents.
- You may register standby keys for one vehicle. For details, please contact a BYD authorised service provider.

CAUTION

- The electronic intelligent key is an electronic component. Please observe the following instructions to prevent damage to the electronic intelligent key:
  - » Do not attach any objects which shield electromagnetic wave signals to the intelligent key (such as a metal seal).
  - » Do not use the intelligent key to strike other objects.
  - » Do not place the intelligent key at a hot place for a long time, such as the dashboard or front compartment hatch which is in direct sunlight.
  - » Do not immerse the electronic intelligent key in water or clean it in an ultrasonic washer.
  - » Do not place the electronic intelligent key near to devices radiating electromagnetic waves, such as mobile phones.
  - » Do not disassemble it.

Unlocking and Locking

Locking and unlocking with mechanical key

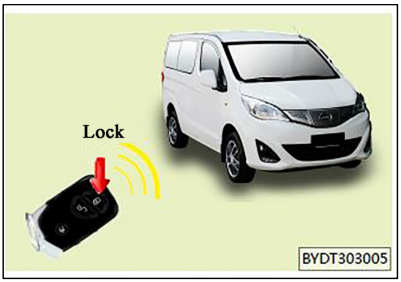


- Insert the key into the lock hole and turn the key.
  - » Unlocking: Turn the key from 1 to 2 clockwise.
  - » Locking: Turn the key from 3 to 4 counterclockwise.

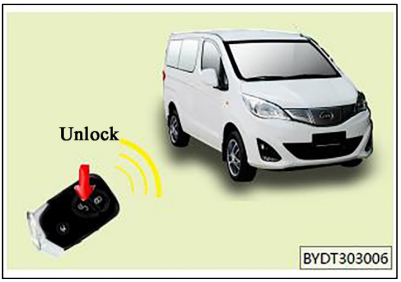
Locking and unlocking with electronic intelligent key

To lock or unlock all doors, press relevant button on the key slowly and firmly.

- Locking: Press  to lock all vehicle doors at the same time. At the moment, the turn signals will flash once.
  - » Check if all doors are securely locked.
  - » If any door, front compartment hatch or trunk lid is not closed, all door locks fasten at the same time; in this case, the turn signals will not flash, and the alarm will produce a sound.



- Unlocking: Press  to unlock all vehicle doors; at the moment, the turn signals will flash twice.
  - » In the anti-theft mode, after unlocking doors with the electronic intelligent key, please open any door within 30s. Otherwise, all doors will become locked again automatically.
  - » Even if you press and hold the  or  , the lock or unlock function will not be repeated. You need to release the button and press it again.



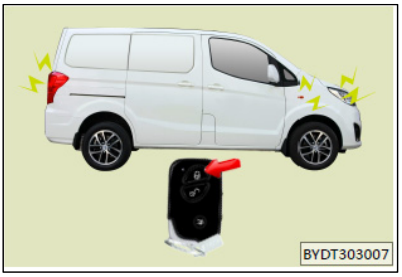
WARM TIP

- If the vehicle is powered up (OK), doors cannot be locked or unlocked by pressing  or  .

- If any of the following warning messages pops up, observe the instructions below:
  - » In case the driver does not carry the intelligent key when entering the vehicle, the instrument warning buzzer will buzz once when the START/STOP button is pressed for powering up, and the message of "Key is not detected" will be displayed on the combination instrument. The START/STOP button should not function normally unless it is confirmed that the electronic intelligent key is inside the vehicle.

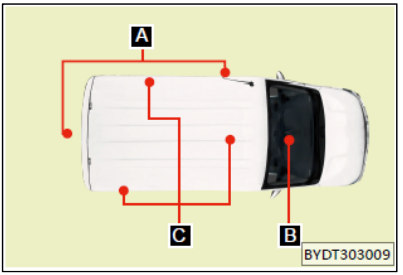
» The battery of the electronic intelligent key is low if the instrument warning buzzer buzzes once and the message of "Low key battery" is displayed on the combination instrument when the START/STOP button is pressed. Refer to "Start the vehicle using the electronic intelligent key with dead battery" in chapter IV. Contact a BYD authorised service provider in advance for replacement of the intelligent key battery to ensure that the PEPS system works normally. The steering lock is stuck if the green indicator on the START/STOP button flashes when the button is pressed for powering up. To release steering lock, press the START/STOP button and slightly shake the steering wheel at the same time.

Vehicle locating



- When the vehicle is in anti-theft mode, press  , then the vehicle will keep sounding for a while and the turn signals will flash for 15 times. You may locate your vehicle with this function when you are unable to identify the location of your vehicle.
- When the vehicle is in the vehicle locating state, press the  again to allow it to get into the next vehicle locating state.

Locking / unlocking with microswitch



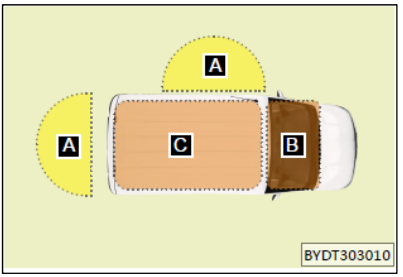
The PEPS function becomes available when a registered electronic intelligent key is carried in the activation area.

- Locations of detection antennas

A Exterior detection antenna

B Interior front detection antenna

C Interior middle and rear antennas (if any)



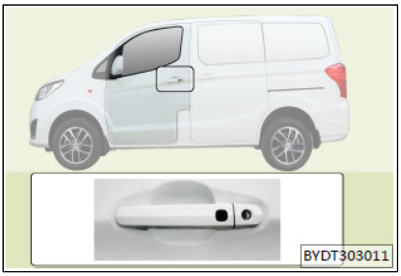
- Activation area

A Entry function activation area: within about 1 m from microswitch on the left front door handle or microswitch on the trunk lid.

B Start function activation area: front of passenger compartment

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

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



- Locking

When doors are in the unlocked state, carry the electronic intelligent key and press ■ on the door handle slowly and firmly to lock all doors at the same time, if all doors, front compartment hatch and trunk lid are closed. At the moment, the turn signals will flash once.

- Unlocking

When doors are in the locked state, carry the electronic intelligent key and press the microswitch on the exterior door handle slowly and firmly, to unlock all doors at the same time. At the moment, the turn signals will flash twice.

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

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

» The vehicle is not powered off.

» The vehicle is powered up (OK).

» No key is detected in the function activation area.

WARM TIP

- In the anti-theft mode, after using the unlock function, please open a door within 30s; otherwise, all doors will become locked automatically after this period of time elapses.

Anti-theft System



If any door is opened when the vehicle is in the anti-theft mode, the system will produce audible alarm and the turn signals will flash to prevent theft of the vehicle.

Setting system

- Power off the vehicle.
- Ask all passengers to get off the vehicle.
- Lock all the doors. When all the doors are locked, the anti-theft indicator remains on. The anti-theft system will be set automatically after 8s. Once the system finishes setting, the anti-theft indicator on the combination instrument will start to flash.
- Ensure that the indicator flashes and then you may leave the vehicle.

CAUTION

- No one is allowed to stay in the vehicle when the anti-theft system is automatically set because unlocking the door from inside of the vehicle will trigger the system.
- Do not modify the anti-theft system by means of alteration or addition because such modification may cause a failure to the system.

Triggering system

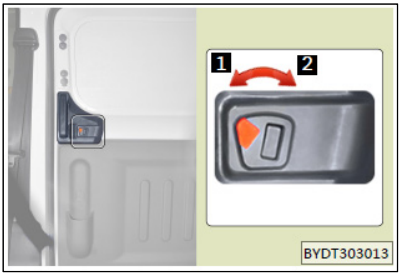
- The alarm will be triggered if:
  - » Any door / trunk lid is unlocked / opened or front compartment hatch is opened without using the PEPS function of the electronic intelligent key.
  - » The vehicle is powered up without using the PEPS function of the intelligent key.

Disarming system

- The alarm can be disarmed by the following methods:
  - » Unlock doors by remote control.
  - » Unlock doors with the microswitch.
  - » Open the trunk lid by remote control with the key.
  - » Press the START/STOP button with the intelligent key carried in the vehicle.

Slide Door

Locking / unlocking with interior lock button

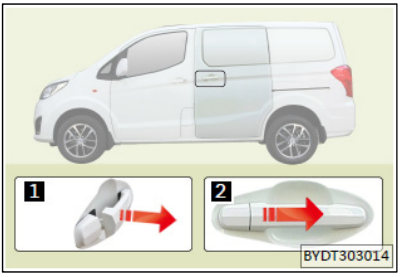


1 Locking: Slide the lock button forward.

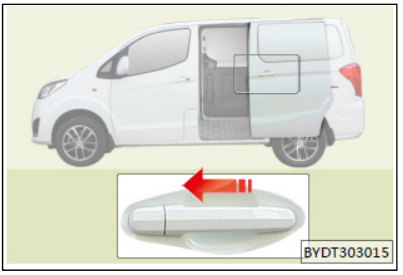
2 Unlocking: Slide the lock button backward.

When the lock button is in the locked position, closing the slide door will lock the slide door. Do not leave the key in the vehicle.

Opening and closing with door handles

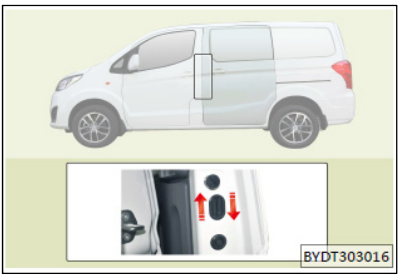


- Opening: 1. Pull up the door handle; 2. Slide the door backward.
- Open the door completely to lock it so that it cannot close automatically.



- Closing: Slide the door forward.
- Check whether the slide door is closed properly after it is closed.

Child protection lock of slide door (if any)



- Move the lock lever down to the locked position as shown in the figure.
- When the child protection lock is enabled, the slide door cannot be opened with the interior door handle. This function is recommended when a child is in the vehicle.

WARNING

- Confirm that the doors have been closed and locked before driving, especially when there is any child in the vehicle. Fastening seat belts and locking doors correctly are helpful for preventing passengers from being thrown out of the vehicle in the case of an accident. In addition, locking doors prevents unintentional opening of doors.

Power Window

Driver's door power window



- If the vehicle is powered up (OK), the driver's door window control button can control the raising / lowering of left / right front / rear door window.
- After the vehicle is powered OFF and both left and right front doors are not open, all power windows can still work for a maximum period of 10 min. If the left or right front door is open, the power window delay function will be canceled.
- Press the driver side button  to the bottom and then release it to fully open the driver's window. If it is necessary to stop opening the window, just gently pull the button to the opposite direction.

Window lock switch (if any)



Press this switch to disable or enable the window regulator switches on the right front door and left / right rear door.

Console door lock



- Locking  : Press this button to lock doors if four doors are closed.
- Unlocking  : Press this button to unlock doors if four doors are locked.

Automatic locking / unlocking of doors

- When the vehicle speed is higher than or equal to 20 km/h, all doors will lock automatically if the "door automatic latch" is activated on the instrument. When the START/STOP button is pressed and the power is switched from OK to OFF mode, all doors will unlock automatically.
- When the vehicle suffers strong impact, all doors will unlock automatically. Automatic unlocking will depend on the impact strength and the type of accident.

Front passenger's door power window



- If the vehicle is powered up (OK), the front passenger's door window regulator switch can control raising / lowering of front passenger's door window.
- After the vehicle is powered OFF and both left and right front doors are not open, all power windows can still work for a maximum period of 10 min. If the left or right front door is open, the power window delay function will be canceled.

Slide door power window (if any)



- If the vehicle is powered up (OK) and the slide door is closed:
  - » Up - Keep pressing this button to raise the window.
  - » Down - Keep pressing this button to lower the window.

WARM TIP

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



Trunk Lid

Unlocking and locking of trunk lid

- Unlocking:

Carrying the correct key and pressing the microswitch on the trunk lid can unlock all doors and trunk lid. Press the trunk lid button and pull the lid to open it.

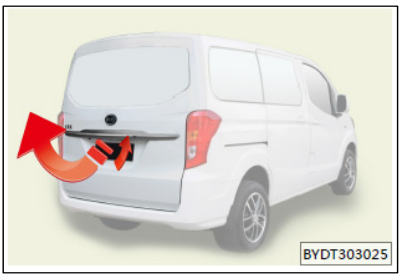
- Locking:
  - » If all doors are unlocked, carrying the valid key and pressing the microswitch on the trunk lid can lock all doors and realize logic locking of the trunk lid. In this state, the trunk lid will not be unlocked by pressing the trunk lid button.



- Press and hold the trunk lid opening button on the electronic intelligent key for 1.5s to unlock the trunk lid. At the moment, the turn signals will flash twice. Press the trunk lid button and pull the lid to open it.

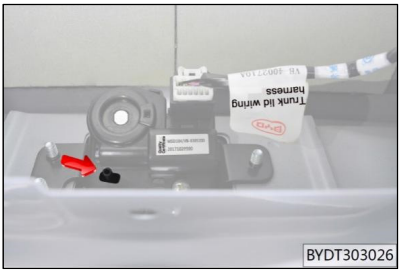


Trunk lid button



1. Carry the valid key and press the microswitch for unlocking, or use the valid key for unlocking.
2. Press the trunk lid button and pull the lid to open it.

Emergency unlocking of trunk lid



Remove the trunk lid lock maintenance port cover from the trunk lid shield, and pull the UNLOCK toggle switch to unlock the trunk lid.

WARM TIP

- After the vehicle is powered off, you may unlock the trunk lid from inside the vehicle in an emergency.

Seat Adjustment

Seat

Precautions for seat adjustment

- Adjust the driver's seat so that the brake pedal, steering wheel and dashboard controller are located within a range to enable the driver to control easily. As the shoulder belt on the seat belt cannot properly fit with the body, do not lay down the seat backrest when driving or riding in the vehicle. Otherwise, you or your passengers may hit the shoulder belt in an accident, causing severe injury to the neck or any other part, or you or your passengers may slide out from the lap belt, causing severe injury.
- The most effective protective measure in a running vehicle is to keep the seat backrest upright, always keep your body leaning against the backrest properly and adjust the seat belt to a proper position.

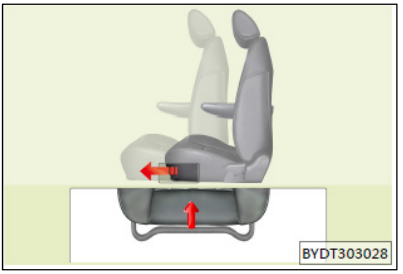
WARM TIP

- Do not adjust any seat while the vehicle is running, because the seat may move unpredictably and cause the driver to lose control of the vehicle.
- Do not make the seat hit any passenger or luggage when adjusting the seat.
- After seat adjustment is completed, slightly move the seat forward and backward to confirm that the seat has been locked in position.
- After adjustment of backrest, lean backward to confirm that the backrest has been locked in position.
- Do not put any object under the seat, because such object may affect the seat locking mechanism or accidentally push up the seat position adjustment lever, causing sudden movement of the seat and making the driver lose control on the vehicle.
- Do not put hands under the seat or near any moving part when adjusting the seat to avoid jamming the hands or fingers.
- Do not fasten the seat belt before adjusting the seat.

Adjustment of Front Seat



- Backrest angle adjustment
  - » Pull the backrest adjustment lever upward.
  - » Decline the seat to a desired position.
  - » Release the adjustment handle to lock the backrest position.
  - » When the vehicle is parked, backrest is allowed to tilt to a position suitable for the user to rest.



- Forward / backward adjustment
  - » Pull up the forward / backward adjusting lever.
  - » Slide the seat to a desired position.
  - » Release the lever to lock the seat position.

WARM TIP

- The adjustment mode of middle seats is identical to that of front seats. The specific configuration shall be based on the actual vehicle.

Front Seat Heating Function (If Any)



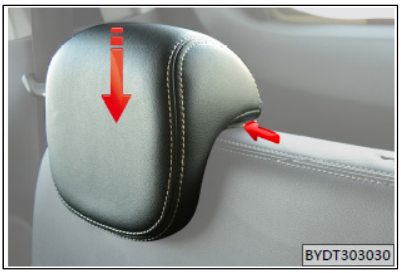
- To enable or disable the driver's seat heating, press the driver's seat heating button and then the corresponding indicator will illuminate or go out.
- To enable or disable the driver's seat heating, press the front passenger's seat heating button and then the corresponding indicator will illuminate or go out.

Adjustment of Rear Seat

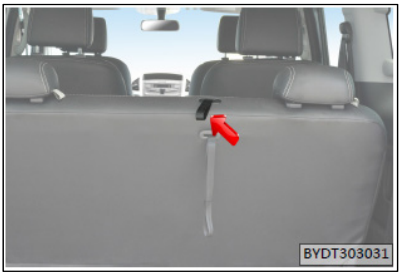
Folding of rear seat (seven-seat vehicle)

- Folding backrest angle

1. Press the adjustment button to adjust the headrest to the lowest position using the method for adjusting the seat headrest.

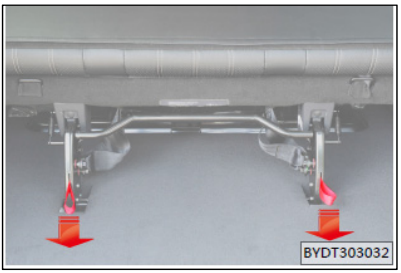


2. Pull up the strap and swing the backrest to the required position, then release the strap and fold the backrest forward until it is attached to the seat cushion.

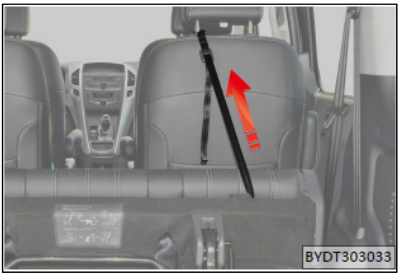


- Backrest reclining - seat reclining adjustment

1. Pull up the unlocking strap and fold the seat cushion forward.

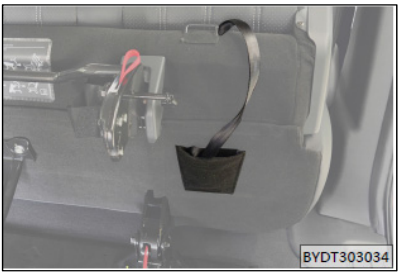


2. Fit the seat hook with the middle seat headrest lever to fix the seat.

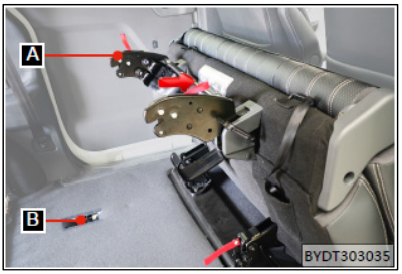


- Unfolding seats

1. Place the hook in the storage bag under the seat cushion.



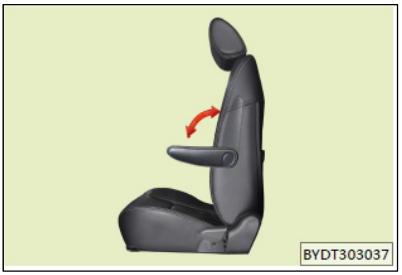
2. Fold the seat backward as per the operation instruction indicated by the arrow, so that the seat floor lock pin A is safely locked to floor lock ring B.



3. Pull up the strap and unfold the seat backrest to the lockup position.

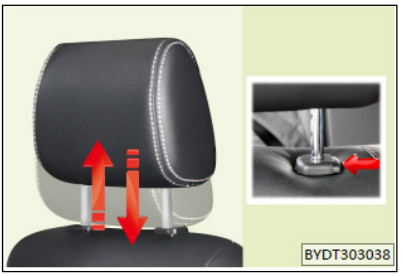


Armrest Adjustment



As shown in the figure, pull down / up the seat armrest to open / fold up it.

Headrest Adjustment



- Raising headrest

  Slide the headrest upward to a proper height and then release it.

- Lowering headrest

  Press and hold the adjustment button to lower the headrest to a proper height and then release it.

- Taking off headrest

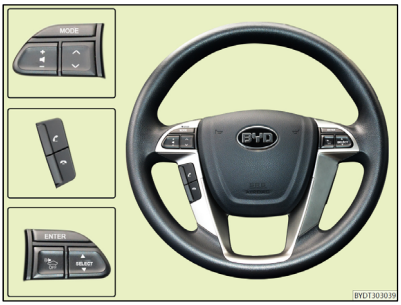
  Press and hold the adjustment button, pull up the headrest, and take it off.

- Re-installing headrest

  Insert the headrest lever into the seat cover, press and hold the adjustment button, meanwhile press the headrest downward to a proper position, and then release the button.

Steering Wheel

Steering Wheel Switch Set



- ENTER 

  » On the menu interface, press this button once to select corresponding submenu options in the menu.

  » On the vehicle travelling information interface, press and hold this button for 2s or longer to clear the corresponding vehicle travelling information; press this button once to switch to the safe driving prompt interface or the menu interface.

  » On the fault/prompt message interface, press this button once to switch to the vehicle travelling information display interface.

- Select 

  » On the menu interface, press this button once to select menu options upward/downward or increase/decrease the value.

  » On the vehicle travelling information interface, operate this button to switch among all the vehicle travelling information upward/downward.

  » On the fault/prompt message interface, press this button once to switch to the vehicle travelling information display interface.

- Engine sound simulator off switch 

  » Press the engine sound simulator off switch to disable the simulator function, and then simulator cannot produce sound at low speed. Press the switch again to enable the simulator function, and then simulator can produce sound at low speed.

- Mode (if any) 

  » In selection mode, press this button to switch in the circulation of FM-AM (if any) - SD (if any) - USB (if any) - AUX (if any) - FM.

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

  » Press and hold this button for 2s to turn off the audio system.

- Volume (if any) 

  » Press this button once to increase / decrease the sound volume by a single step.

  » Press and hold this button to increase / decrease the sound volume continuously.

- Previous / next channel (if any) 

  » In radio mode, press and hold this button to automatically search the next / previous channel with strong signal (increase / decrease the frequency); press this button once to select the pre-saved channel upward / downward.

» In USB/SD mode, press this button to play the next / previous song (song number +1/-1);

» In Bluetooth call recents and telephone directory interfaces, press this button once to select downward / upward.

- Phone button (if any) 

» Press this button once to end the call in the call connection status.

» On any Bluetooth related interface, press this button on the steering wheel to make the system exit the Bluetooth interface and enter the previous non-Bluetooth interface. If the previous interface (AUX, USB and SD) has changed, the system will enter the FM interface directly.

» When answering a call on the Audio play interface, press this button to return to the Audio play interface. If the previous interface (AUX, USB and SD) has changed, the system will enter the FM interface directly.

» When answering a call on the Bluetooth interface, press this button to return to the dial interface.

- Phone button (if any) 

» Press this button to accept a call (the audio system will become mute if the button is pressed) and enter the Bluetooth call interface.

» When the system displays an interface not related to Bluetooth, if Bluetooth is not connected, press this button once to make the system enter the main interface of phone selection; if Bluetooth has been connected, press this button to make the system enter the dial interface.

» If the Bluetooth is connected, after entering a phone number in the dial interface or select an entry in the call recents or phone directory interface, press this button once to achieve the dial function;

» When the Bluetooth is connected and no phone number is entered in the dial interface, press this button to skip to the first entry under the call recents, and press this button again to enable the system to automatically make a call of the first entry on the outgoing call interface.

» Only accepting a call is allowed on the safety warning interface.

» In the call connection status, press this button once to enter the call interface from the map interface.

Switches

Switch Set #1



The switch set #1 includes electric exterior rearview mirror adjustment switch and headlight adjustment switch.

Electric exterior rearview mirror adjustment switch

- Electric exterior rearview mirror adjustment switch (if any; refer to Section IV of Chapter IV for details).

Headlight adjustment switch 

- This switch is used to adjust the beam angle of headlights upward/downward. After low beams are turned on, this switch can be operated.
- When the headlight adjustment switch is at level 0, the beam height of headlights is at the highest level; when the switch is at level 3, the beam height of headlights is at the lowest level. The driver may set the adjustment switch to a desired level from level 0 to level 3 depending on his/her need and the beam height of headlights will change accordingly.
- The adjustment level is recommended as follows:

» Configuration 1:

Vehicle Load Condition	Recommended Level
Driver only	Level 0
Driver only and trunk with maximum load	Level 1.5 ~ 2

» Configuration 2:

Vehicle Load Condition	Recommended Level
Driver only or driver and front passenger	Level 0
Driver, front passenger and three rear-row passengers	Level 1 ~ 1.5
All seats occupied	Level 2 ~ 2.5
All seats occupied and trunk with maximum load	Level 2.5
Driver only and trunk with maximum load	Level 2 ~ 2.5

Hazard Warning Light Button



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

Reversing Sensor Power Button (If Any)



The reversing sensor power button is on by default and the indicator lights up. When the gearshift lever is shifted to R position, the reversing sensor will be activated. A warning prompt message will be given if there is an obstacle in the surroundings of the vehicle. To deactivate the sensor, press  .

CAUTION

- The reversing sensor will be activated by default when the gearshift lever is shifted to R position. After deactivation, the sensor will be activated again when the gearshift lever is shifted to R position. The deactivation function is effective only for the current operation.

ESP OFF Button (If Any)



- Press this button to turn off the ESP system and meanwhile the corresponding indicator on the combination instrument will illuminate.
- Press this button again to turn on the ESP system and meanwhile the corresponding indicator on the combination instrument will go out.

04 Application and Driving

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Main Points of Application

Running-in Period

- Immediately check the vehicle if the powertrain is hard to start or often stops running.
- Stop and check the vehicle if the powertrain produces any abnormal noise.
- Stop and check the vehicle if the powertrain is found with serious leakage of coolant and lubricating oil.
- Powertrain needs running-in; it is recommended to drive steadily and avoid high-speed driving; the service life of the vehicle may be extended effectively by observing the following simple main points.
  - » Avoid depressing the accelerator pedal to the floor during starting and driving.
  - » Avoid speeding when driving the vehicle.
  - » Avoid emergency braking within the first 300 km of mileage.
  - » Do not drive the vehicle speedily or slowly at a constant speed for a long time.
  - » Within the first 2,000 km, do not tow any other vehicle.

Precautions for Safe Driving

Never drive under the influence

Even drinking a small amount of alcohol will reduce your ability to adapt to the road traffic conditions. Drinking more alcohol will result in slower response. Therefore, never drive under the influence.

Control vehicle speed

Speeding is the main cause of collision accidents involving casualties. In general, a faster vehicle speed imposes a higher risk. Therefore, please maintain a safe driving speed depending on the traffic conditions on road.

Keeping vehicle in safe driving condition

Tyre burst or mechanical fault poses extreme danger. To reduce the possibility of such faults, always check the vehicle condition and complete the specified inspection items regularly.

Main Points for Preventing Vehicle Fire

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

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

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

  Smoking is harmful to health and may also cause fire. A cigarette end not completely extinguished may cause fire.
- Drive the vehicle to a BYD authorised service provider regularly for inspection.
  - » Check at regular intervals whether there is oil leakage from the front compartment and clear the oil dirt and oil stains on the motor, so as to prevent the occurrence of fire due to volatilization of oil dirt and oil stains.

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

- Do not modify the vehicle's wirings or add electrical appliances.

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

  » Improper refitting of electrical appliances or lines may cause contact resistance, resulting in abnormal heating or even fire. Using any fuse beyond the rated specifications of electric appliances or replacing the fuse with other metal wires is strictly prohibited.

- Correctly select parking positions.

  » When the vehicle is parked, especially in summer, do check whether there are any flammables such as dry grasses, dead woods, leaves or wheat straws under the vehicle. If any, a fire may be caused as the temperature of vehicle's three-way catalytic converter will rise after a long period of travelling.

  » In the process of vehicle running, avoid driving on the road sections piled up with flammables such as dry leaves, wheat straws and grasses, or immediately stop the vehicle to check whether any flammables are carried along after passing such road sections. Also avoid stopping the vehicle at a place with sun exposure as far as possible.

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

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

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

- Should the vehicle catch fire, calmly take effective measures to deal with the fire to minimize losses:

  » Fires generally have precursors such as abnormal sound body and odor. Once abnormal situation is found, shut down the motor and stop the vehicle in time. It is better to stop the vehicle at a sheltered place and then use a dry powder fire extinguisher (provided by the user) for firefighting.

  » Find the origin of fire. If you find the front compartment emits smoke, do not open the front compartment hatch immediately (this is because opening the compartment hatch will let a large amount of air enter the front compartment, intensifying combustion and fire spreading. As the front compartment has very limited combustible materials, keeping the front compartment hatch closed can control slow combustion and is conducive to putting out fire). In this case, you may use an on-board fire extinguisher, and aim the extinguisher to the origin of fire via the gap of the front compartment hatch and discharge the extinguisher to fight fire or ask passing vehicles for help. If you can borrow several fire extinguishers and the flame is not visible from outside, you can open the front compartment hatch and continue firefighting.

» Call 119 for firefighting service in time, and contact your insurer at the same time for on-site handling.

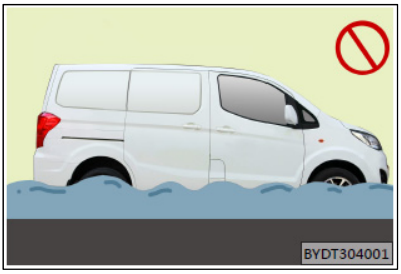
» After a fire brigade puts out fire, request the fire brigade to issue an action certificate and a document indicating the cause of fire.

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

WARM TIP

- It is recommended that commercial insurances (such as spontaneous combustion loss insurance and robbery and theft insurance) be maintained to prevent loss due to any accident of the vehicle.

Preventing Water Ingression into Vehicle due to Flood in Rainy Season



- Do ascertain the water depth before driving the vehicle through waterlogging road sections. The water surface should not be higher than the lower edge of vehicle body.
- If driving through water is unavoidable, turn off the air conditioner before the vehicle starts to move, and gently depress the accelerator pedal to drive the vehicle through waterlogging road section at a steady and slow speed.
- Neither park the vehicle in water, nor shut down the motor in water.
- After driving through water smoothly, depress the brake pedal gently and continuously for several times to remove the water film on brake disc, so that normal brake performance can be restored as soon as possible.

WARNING

- Any water, slurry or mud in the brake system may cause lag in response of the brake, which will extend the braking distance. Be careful and do not cause any accident.
- Brake the vehicle carefully, dry the wet brake, and remove ice on the brake.
- Avoid emergency braking as far as possible after driving the vehicle through waterlogged road sections.
- Avoid ingression of water into the motor. When driving the vehicle on low-lying and waterlogged road surfaces, prevent water from entering the motor. Otherwise, the motor will be damaged seriously. Fault or damage of the vehicle arising from failure to observe this instruction will not be covered by warranty.
- After the vehicle is driven through waterlogging road sections, vehicle components, such as drivetrain system, driving system and automotive electric system, may also be damaged seriously. Fault or damage of the vehicle arising from failure to observe this instruction will not be covered by warranty.

Safety Inspections before Driving

Before driving the vehicle, it is preferred that safety inspection of the vehicle be carried out or have it checked by a BYD authorised service provider.

General exterior inspections of vehicle

- Tyres: check the tyre pressure using a calibrated tyre pressure gauge, and carefully check the tyre surface for notches, damage and foreign particles. Check the tyres for abnormality and excessive wear. In case of excessive or eccentric wear, send the vehicle to a BYD authorised service provider for four-wheel alignment and relevant inspections.
- Wheel nuts: make sure all nuts are present and tightly fitted.
- Leaks: after the vehicle stops, check if there are any fluid deposits underneath the vehicle, which may indicate a leak of motor oil, coolant or other liquids (It is normal for a small pool of water to form caused by the air conditioning system).
- Lighting: confirm that all headlights, brake lights, position lights, turn signals and other lights work normally. Check the light density of headlights.

General interior inspections of the vehicle

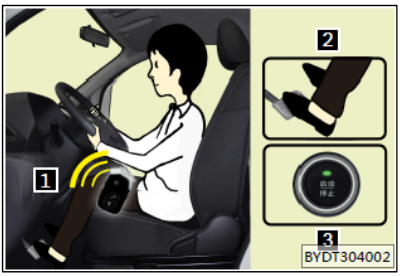
- Seat belts: check whether all seat belts can be fastened firmly and confirm that no seat belt is worn or scratched.
- Instrument and controller: confirm that all indicators and lighting of the instrument as well as the defrosting system work properly.
- Brake: confirm the pedal has enough free travel.

General interior inspections of front compartment

- Coolant level: confirm that the coolant level is normal.
- Battery and cables: check whether the connectors are corroded or loose and whether the battery shell has any cracks.

Method to Start Motor

Method to start motor normally



- Confirm the electronic intelligent key is in the vehicle (carried personally), as indicated by 1.
- Depress the brake pedal with force, as indicated by 2.
- After the indicator on START/STOP button turns green, press the button once to start the vehicle, as indicated by 3.

CAUTION

- For this purpose, press the START/STOP button slowly and hard.

Dead electronic intelligent key battery

- If the vehicle cannot be started by the electronic intelligent key and the indicator on the intelligent key does not light up, the key battery may have run out. In this case, replace the electronic intelligent key battery as soon as possible.
- Replace the electronic intelligent key battery.

  If the electronic intelligent key battery has run out, contact a BYD authorised service provider for replacing the battery.

Start the vehicle using the electronic intelligent key with dead battery



- If the motor cannot be started using the normal method due to low battery of the electronic intelligent key, you may start the vehicle as per the following steps:
  - » Press the START/STOP button, and then the electronic intelligent key system warning light will illuminate and the speaker in the vehicle will sound once.
  - » Put the electronic intelligent key close to the START/STOP button within 30s after the speaker sound once (distance of less than 10 mm). Then the speaker will sound once again and the electronic intelligent key system warning light will go out.
  - » Within 5s after the electronic intelligent key gets close, depress the brake pedal and press the START/STOP button to start the vehicle after the indicator on the button turns green.

Method to Start Motor in Emergency

Before starting

- Securely apply parking brake.
- Turn off all unnecessary vehicle lights and accessories.
- Automatic transmission: Place the gearshift lever in P or N position.

Starting the motor

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

Starting and Driving

Circumstances Where Motor Cannot Be Started Normally

- The failure to start the motor normally after the START/STOP button is pressed may be caused by the following reasons:
  - » The electronic intelligent key does not work and the intelligent key system warning light on the combination instrument flashes, indicating that the key battery may have run out. Hold the electronic intelligent key and move it close to the START/STOP button to start the vehicle. Please refer to “Start the vehicle using the electronic intelligent key with dead battery” this chapter for details. Contact a BYD authorised service provider to replace the battery.
  - » If you need to start the motor repeatedly in a short time, wait for 10s before each motor starting cycle. In the case of failure to start the motor, the orange indicator on the START/STOP button will flash.
  - » The steering lock is stuck if the green indicator on the START/STOP button flashes. To release steering lock, press the START/STOP button and slightly shake the steering wheel at the same time.
- Except for above-mentioned causes, the PEPS system also fails to work normally under some conditions due to different service environments. Please refer to “PEPS System” in this chapter for details.

PEPS System

- If PEPS system is used, the vehicle can be started only when the electronic intelligent key is carried with the driver.
- If the driver is unaware that electronic intelligent key has been carried away from the vehicle, the shut-down motor cannot be restarted.
- The driver should confirm that the vehicle is powered off before he/she gets off of the vehicle.
- The driver should confirm whether the intelligent key is carried when driving and getting into or off the vehicle.

CAUTION

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

Circumstances where PEPS system may not work properly

- There are facilities nearby emitting strong electromagnetic wave, such as television towers, power stations, and radio stations.
- The electronic intelligent key is carried together with communication devices, such as interphones or mobile phone devices.
- The intelligent key comes into contact with, or is covered by, metal objects.
- A microswitch is operated rapidly.
- The electronic intelligent key gets close to a microswitch.
- There is interference as remote control is being carried out in another vehicle nearby.
- The battery of the electronic intelligent key is dead.
- The intelligent key is near high-voltage or noisy equipment.
- The intelligent key is carried together with another vehicle's intelligent key for PEPS or with any other radio transmitter.

Battery energy saving

The key still communicates with the vehicle even if the vehicle is not driven. For this reason, do not leave the key at a place close to the vehicle (within a range of 2m).

Reactivate PEPS system

- To reactivate the PEPS, please use any of the following operation methods:
  - » With the electronic intelligent key carried with you, press the microswitch on the left front door outer handle or microswitch on the trunk.
  - » Perform remote control operation.
  - » If the electronic intelligent key receives strong electromagnetic wave signals over a prolonged period, the battery will run out rapidly. The electronic intelligent key must keep at a distance of at least 1m from the following equipment: television, personal computer, mobile phone charger, electrolier and fluorescent desk lamp.

WARM TIP

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

- Specified frequency range of PEPS key:
  - » 314.9 - 315.1 MHz
  - » Transmission power: ≤ 5500 μV/m (field intensity)
  - » Limit of spurious transmission: ≤ 610 μV/m
  - » Occupied bandwidth: ≤ 300 kHz

- Interior and exterior specified operating frequency of PEPS system transmitter:
  - » 50 - 190 kHz
  - » Transmission magnetic field intensity: 72 dBuA/m (quasi-peak value, at a distance of 10 m)
  - » Limit of spurious transmission: 27 dBuA/m (quasi-peak value, at a distance of 10 m)

CAUTION

- Do not privately change the transmission frequency and increase the transmission power (including adding additional transmission frequency amplifiers). Do not privately add an external antenna or use other transmission antennas instead.
- Avoid harmful interference with legal radio communication services during use. Once any interference is identified, stop using and take measures to eliminate interference before continuing to use the function.
- If the micro power radio equipment is adopted, be sure to bear the interference of various radio signals from industrial, scientific and medical applications. Do not use micro power radio equipment on an airplane or near an airport.

Steering System

- Electric power steering system is adopted for this vehicle.
- The electric power steering ECU controls the motor speed and further controls the output of steering force, so as to realize power steering control.

WARNING

- If steering system fault warning light illuminates, the steering will become heavy. Hold the steering wheel tightly when driving, park the vehicle in a safe area, and contact a BYD authorised service provider.

Gearshift Actuator

Gearshift lever of automatic transmission

Position of Gearshift Lever	Function
P	Parking gear
R	Reverse gear
N	Neutral gear
D	Drive gear



P gear locking switch



With the vehicle powered up (OK), by pressing the P gear locking switch, the controller will realize judgment according to the current vehicle state. If the requirements of the control strategy are met, EPB function will be enabled, and the switch operating indicator will illuminate. At this moment, the vehicle will be shifted to “P” position.

Application of Driving Auxiliary Functions

Electric Parking Brake System (EPB)

EPB switch



The EPB switch can replace the traditional parking brake lever.

- The EPB switch is installed on the gearshift panel.

Applying the EPB manually

Pull up the  and then Ⓟ indicator on the instrument will flash first before staying on. If this indicator stays on, it indicates that the EPB has been applied, and the message of "EPB activated" will be displayed.

CAUTION

- Flashing of Ⓟ indicates that the EPB is in service. If the vehicle is on a hill at this moment, do not release the brake pedal, to prevent causing the risk of vehicle sliding. Release the brake pedal after the Ⓟ stays on.

Applying the EPB automatically

- Applying the EPB automatically upon power-off:
  - » After stopping the vehicle by depressing the brake pedal, press the START/STOP button to power off the vehicle (the ignition switch is shifted from OK to OFF), the EPB will be pulled up automatically. Release the brake pedal when the indicator on the instrument stays on after flashing and the message "EPB activated" is displayed.
- Applying the EPB automatically when gearshift lever is in P position:
  - » After the vehicle is braked and parked in P position, the EPB will be pulled up automatically. Release the brake pedal when the indicator on the instrument stays on after flashing and the instrument displays the message of "EPB activated".

Releasing the EPB manually

With the vehicle started, depress the brake pedal, shift out of P position and press the EPB switch at the same time. Then the indicator on the instrument will go out, indicating that the EPB has been released, and the instrument will display the message of "EPB deactivated".

Automatic release of EPB when vehicle is starting to move

- With the vehicle parked, start the vehicle, depress and hold the brake pedal, and shift to D position or R position from P position or N position, and then the EPB switch will be released automatically, the indicator Ⓟ will go out, and the instrument will display the message of "EPB deactivated".
- When the vehicle has been started and the gearshift lever is in D or R position, manually pull up the EPB and depress the accelerator pedal to a certain depth, and then the EPB switch will be released automatically, the indicator Ⓟ will go out, and the instrument will display the message of "EPB deactivated".

CAUTION

- Please follow the correct shift instructions, and keep depressing the brake pedal in the shifting process.

Hill starting

When the vehicle has to be started on hill, first confirm that the  has been pulled up (staying on of Ⓟ indicates that  has been pulled up) and complete the hill starting as per “Automatic release of EPB when vehicle is starting to move”.

Emergency brake function

- When braking is needed in the vehicle travelling process but it is found that the service brake has been failed or blocked, keep pulling up  to forcibly brake the vehicle until it stops. When this operation is finished, the indicator Ⓟ on the instrument will light up and the instrument will produce an alarm sound and display the message of "EPB deactivated".

WARNING

- Avoid forcible braking by applying the EPB. The emergency brake function can be activated only in emergency cases, such as failure of foot brake and blocking of brake pedal.
- As the EPB cannot go beyond the physical limit of road adhesion, the activation of emergency brake function may result in drift, sideslip or deflection of the vehicle when the vehicle passes through bends, dangerous and heavy-traffic road sections or when the vehicle is driven under severe weather conditions. Therefore, please use this function with care to avoid accidents.

Failure release function

- When manually releasing the EPB fails, keep pressing  for more than 2s. If the EPB can be released, drive to the nearest repair shop as soon as possible to check the switching signal of brake pedal and the relevant parts and lines. If the EPB cannot be released after doing so, immediately contact a BYD authorised service provider.
- If only EPB switch is pulled up, the braking effect will be weak; if the EPB switch is pulled up and meanwhile the brake pedal is depressed, the braking effect will be obvious. Avoid forcible braking by applying the EPB. The emergency brake function can be activated only in emergency cases, such as failure of foot brake and blocking of brake pedal.

EPB system indicator

- If  is in pull-up state when the START/STOP button is turned to ON, the indicator Ⓟ on the instrument will illuminate.
- If  is in pull-up state when the START/STOP button is turned to OFF, the indicator Ⓟ on the instrument will go out about 30s later.
- If the EPB system performs self-inspection when the START/STOP button is turned to ON, the indicator Ⓘ on the instrument will illuminate and then go out about 3s later. If the indicator does not go out, it indicates that there may be a failure in the EPB system. In this case, immediately contact a BYD authorised service provider.

Working sound of EPB

- When pulling up or releasing the EPB, you will hear a motor running sound from the EPB system.
- If any burning smell is smelt or any abnormal noise is heard after emergency brake, contact a BYD authorised service provider.

WARNING

- To prevent hill slipping, do not park the vehicle with the gear shift mechanism instead of EPB before leaving the vehicle, but use the EPB to park the vehicle and keep the gearshift lever in P position.
- No passenger in the vehicle is allowed to operate the EPB when the vehicle is running. Pulling up the EPB completely may cause a serious accident.
- When pulling up or releasing the EPB, depress the brake pedal as far as possible to prevent vehicle sliding and the blocking of gearshift lever position because the EPB cannot provide enough parking force.

Parking Assist System (If Any)

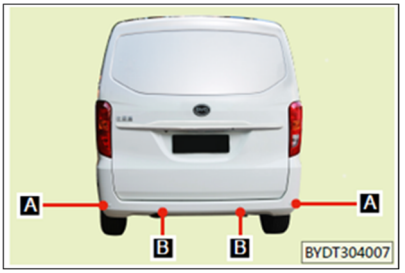
WARNING

- Observe the following precautions when using the parking assist sensors:
  - » Do not use sensors when the vehicle speed is over 10 km/h.
  - » Do not add any other articles within the working scope of sensors.

CAUTION

- Do not add any other articles within the working scope of sensors. Otherwise, an accident may be caused due to the failure of safe driving.
- Do not wash the positions of sensors with water or steam. Otherwise, a sensor failure will be caused.

- During vehicle reversing, the parking assist system can prompt the driver the distance between the vehicle and an obstacle through display of indicator on the multimedia display screen (if any) and the alarm of the speaker. This system detects obstacles by utilizing sensors.
- Parking assist system is a method for helping reversing. Observe the environment behind the vehicle and the surroundings during reversing.
- With the power in OK mode and gearshift lever in R position, the parking assist system will work.
- Type of sensor



A Rear corner sensors

B Rear central sensors

Parking assist button (if any)



- The reversing sensor power button is on by default and the indicator lights up. When the gearshift lever is shifted to R position, the reversing sensor will be activated. A warning prompt message will be given if there is an obstacle in the surroundings of the vehicle. To deactivate the sensor, press this button.

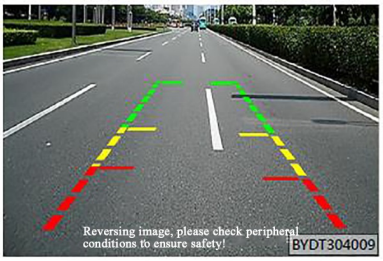
CAUTION

- The reversing sensor will be activated by default when the gearshift lever is shifted to R position. After deactivation, the sensor will be activated again when the gearshift lever is shifted to R position. The deactivation function is effective only for the current operation.

Display

The corresponding icon will be displayed on the multimedia display screen (if any) based on the orientation of obstacle and the distance between vehicle and obstacle when an obstacle is detected by sensors.

Reversing system (if any)



When the gearshift is in R position, the multimedia will automatically start the reversing image. For the convenience of users, it has a delay exit function. The user can exit the reversing image by the multimedia control button or realize automatic exit if the vehicle speed reaches a certain value when moving forward or the gearshift is shifted to P position.

Distance display and speaker

When an obstacle is detected by sensors, the orientation of the obstacle and the approximate distance between vehicle and obstacle will be displayed and the speaker will start to sound. In addition, the corresponding indicator will flash at the same frequency.

- Operation examples of rear central sensors

Approximate Distance (mm)	About 1200 ~ 800	About 800 ~ 500	About 500 ~ 300
Display example			
Alarm sound	Display in green Slow	Display in yellow Fast	Display in red Long lasting

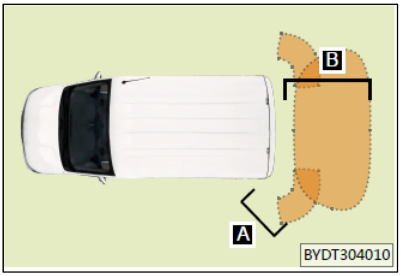
- Operation examples of rear corner sensors

Approximate Distance (mm)	About 600 ~ 500	About 500 ~ 300
Display example		
Alarm sound	Display in yellow Fast	Display in red Long lasting

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

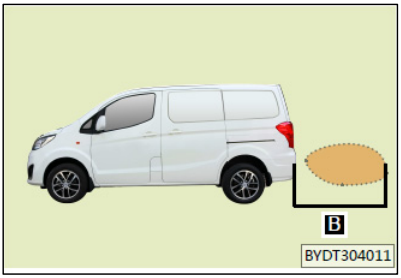
Working sensors

- When you reverse the vehicle, all the sensors will work.
- Detection zones of sensors are given in the figure. As the detection zones are limited, be sure to check the surrounding of the vehicle before reversing the vehicle slowly.



A: about 600 mm

B: about 1,200 mm



CAUTION

- The parking assist system is only used for assisting you in parking and it cannot be used as a substitute for your judgment. Be sure to control the vehicle based on your observation.
- Do not place accessories or other articles at the positions within the obstacle detection scope of sensors, because doing so may affect normal work of the system.

CAUTION

- Under some conditions, the system cannot work normally. The system cannot detect the obstacle when the vehicle approaches to certain objects. For these reasons, be sure to observe the areas around the vehicle all the time and do not rely on the system only.

Sensor detection information

- A sensor's performance in correct detection of obstacles may be affected by some vehicle conditions and the surroundings of the vehicle. The following are some specific conditions that may bring impact:»
  - » There is dirt, ponding or mist on the sensor.
  - » The sensor is covered by snow or is frozen.
  - » The sensor is covered by any means.
  - » The vehicle is obviously rolled or excessively overloaded.
  - » The vehicle is on a bumpy road, slope, macadam pavement or grass land.
  - » The sensor has been repainted.
  - » The surroundings of the vehicle are very noisy because there is vehicle trumpet, sound of motorcycle engines, air brake sound of large vehicles and other supersonic noises.
  - » There is another vehicle equipped with parking assist system nearby.
  - » The vehicle is installed with towing rings.
  - » The bumper or the sensor has been impacted strongly.
  - » The vehicle is approaching a high or zigzag kerb.

» The vehicle is operated under sun exposure or in severely cold weather.

» An inferior suspension not from the original manufacturer has been installed.

- In addition to the above-mentioned circumstances, it may be impossible for the sensor to correctly judge the actual distance between vehicle and obstacle due to shape of the obstacle.
- The shape and material of an obstacle may obstruct the detection on it by the sensor. Pay special attention to the following obstacles:

  » Electric wires, fences, ropes, etc.;

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

  » Objects with sharp edges and corners;

  » Low obstacles;

  » High obstacles, the upper part of which extends toward your vehicle;

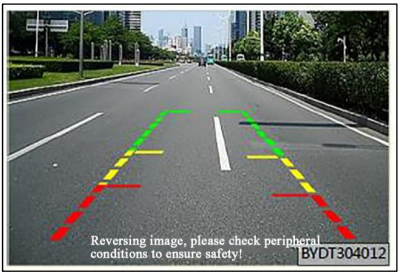
  » Any object under the bumpers;

  » Any object getting closer to the vehicle;

  » Any person near the vehicle (depending on the type of the person's clothes);

- Any icon displayed on the multimedia display screen or sound of the speaker indicates that the sensor has detected an obstacle, or that the sensor has been disturbed by external objects.
- It is recommended to drive the vehicle to a BYD authorised service provider for inspection if such a phenomenon exists continuously.

Reversing Image System (If Any)



When you reverse the vehicle, a reversing image will be displayed on the system screen automatically.

- You can exit the reversing image if:

  » The vehicle stops and the gearshift is in P position.

  » When the vehicle is moving forward, the speed exceeds 10 km/h.

  » When the vehicle is moving forward, the user manually switches the multimedia mode.

  » When the vehicle is moving forward, the speed is less than 10 km/h for 10s.

Specifications of Other Main Functions

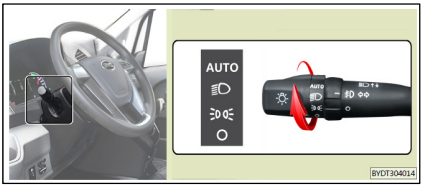
Headlight

Type I configuration (if any)



- Turn the light adjusting knob at top of the left multi-function switch to turn on the following lights:
  - » OFF: turn off all headlights.
  - » Position light: turn on position lights (including front position lights, rear position lights, rear license plate light, backlight of instrument and vehicle backlights).
  - » Low beam light: turn on the low beam and position lights.

Type II configuration (if any)



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

WARM TIP

- The illumination intensity sensor is located at the top of dashboard. Do not cover the sensor or splatter any liquid on it.
- AUTO mode is used generally. There may be risks caused by the failure of automatic illumination of lights under a mode other than AUTO mode.

High beam

- High beam on or off : Push forward the light adjustment lever from its original position (to the opposite side of steering wheel) to turn on the high beams; pulling the light adjustment lever back to its original position to turn off the high beams.



- High beam flashing: Push back the light adjustment lever from its original position (to the side close to steering wheel) to make the high beams flash; the light adjustment lever will automatically return to its original position when it is released and the high beams will be turned off. By turning the light adjusting knob to the “OFF” position, high beams will also flash.



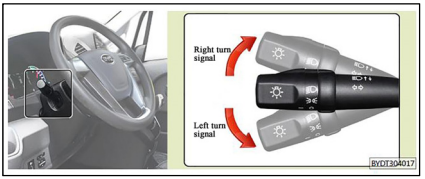
WARM TIP

- To prevent over-discharge of the battery, do not keep lights on for a long time when the motor is not running.

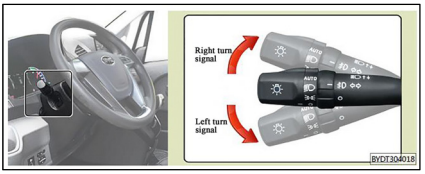
Turn Signals

Push the handle up/down slightly, and then turn signals will flash. After release of the handle, the turn signal lever will return to its original position. If the handle is pulled to the uppermost or lowermost point, even after release, turn signals will flash continuously, and will go out after the vehicle completes the turn.

Type I configuration (if any)



Type II configuration (if any)



Front Fog Light (If Any)



- If the headlight is on, turn on the front fog light by operating the front fog light switch.
- Turning on front fog lights: Turn upward the switch to the position, and the indicator on the dashboard will illuminate.
- The front fog light will go out if the light adjusting knob is turned to the “OFF” position to turn off headlight; the front fog light will illuminate if the light control knob is turned to or . To turn off the front fog lights completely, turn downward the fog light switch to the position.

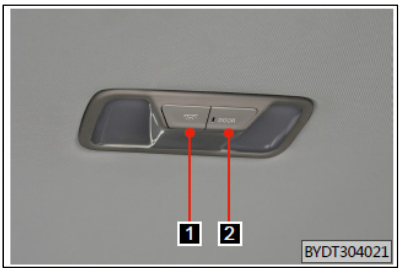
Rear Fog Light

- After headlights are turned off, turn on headlights again and press the rear fog light button to turn on rear fog lights.
- The rear fog lights will go out automatically if the multi-function switch light knob is in mode.



Interior Light Switch (If Any)

Front & rear interior lights



Configuration 1

1 Interior light control switch

2 Door light control switch

- Press the interior light control switch to turn on the interior lights; press it again to turn off the interior lights.
- With the DOOR control switch pressed, the DOOR indicator will illuminate, and interior lights will illuminate automatically when any door is opened, and will go out automatically within 15s after all doors are closed or within several minutes after the vehicle is powered off.

Left interior light control switch

Right interior light control switch

When the left/right front saloon light control switch is touched, the left/right front saloon light will be on. Touch the left/right saloon light again.

When the front saloon light control switch is pressed, the left/right front saloon lights will go out.

Emergency Rescue eCall (if any)

eCall refers to emergency rescue, and the eCall function is enabled by default when leaving the factory.

When the user presses the SOS button for less than 10s and the SOS button is not pressed and lifted again within 5s, the system will manually trigger the eCall and call the emergency rescue center.

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

Note:

If the SOS button is pressed lasting for more than 20s, the system will identify a fault and will not trigger eCall.

The triggering of eCall function is only used after the vehicle is started, and does not support the triggering of this function when the vehicle is shut down.

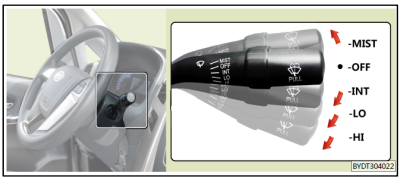
When the SOS phone is dialed, the system cannot cancel it.

General Charging Fault Diagnosis

Fault state	Possible causes	Solutions
Charging unavailable, with physical connection completed and charging started	Charging card in arrears or charging pile fault	Inquire about the charging card fees or contact station staff for solutions.
	Improper connection of AC charging adapter	Confirm whether the charging adapter switch is released, and check to ensure the proper charger plug length and connection position of the charging equipment.
	The start battery of engine compartment is over-discharged	Connect 12V power supply from other vehicles. When the vehicle starts, it will charge the start battery of engine compartment.
	Sockets meeting local standards have no power.	Confirm whether the power supply has been overload protected. Please use a special 220V 50Hz 10A standard single-phase two-pole outlet with grounding for charging.
	Fault of vehicle or AC charging adapter	If any powertrain fault warning light on the instrument cluster is on or any charging system fault prompt is displayed, stop charging immediately and contact a BYD authorized dealer or service provider.
	Higher or lower high-voltage battery temperature	Allow the high-voltage battery to be heated or cooled before charging, place the vehicle at an appropriate temperature, and charge the vehicle after the temperature is normal.
	High-voltage battery fully charged	Charging is stopped automatically when the high-voltage battery is fully charged.
Charging interrupted	Charging cables not fully connected	Confirm whether the charging adapter cable is firmly connected.
	Outage of AC power grid	After the power grid power supply is restored within a certain period of time, charging is automatically restarted, or the connector will start charging by inserting.
	High-voltage battery overtemperature	When the high-voltage battery overtemperature alarm indicator on the instrument cluster is on, charging is stopped automatically and restarted after battery cooling.
	Vehicle or charging pile fault	Check where there is any charging pile or vehicle fault prompt, and contact a BYD authorized dealer or service provider if necessary.

Wiper and Washer for Windscreen

Wiper for front windscreen



- This lever is used to control the wiper and washer for front windscreen. The wiper for front windscreen can be switched in the following five modes:
  - » MIST: point wiping
  - » OFF: turn off
  - » INT: intermittent wiping
  - » LO: low-speed wiping
  - » HI: high-speed wiping

Washer for front windscreen

Pull back the wiper control lever. If the action time is short (within 0.5s), only water spraying will be activated, without wiping. If the action time is long, both constant water spraying and low-speed wiping will be activated, and when the lever is released, the wiper will automatically wipe for three times and return to its original position.



WARM TIP

- Check wiper blades and clear the dirt on them at regular intervals.
- Dry wiping is prohibited. If the wiper is started at the beginning of rainfall when rainwater mixes with sand and dust, the wiper is unable to clean the windscreen. On the contrary, it may result in a blurred view in an instant, affecting driving safety.
- Please use glass cleaning agent. Water or other types of detergent may cause damage to the washer motor.

Wiper and washer for rear windscreen (if any)

- The following functions can be realized by turning the adjusting knob at the top of the wiper control lever:
  - » : The wiper and washer for rear windscreen work simultaneously.
  - » OFF: The washer for rear windscreen stops working.
  - » ON: The wiper for rear windscreen starts.
  - » : The wiper and washer for rear windscreen work simultaneously.



WARM TIP

- The rear wiper starts working in the LO mode at the speed of 2m/s.
- Check wiper blades and clear the dirt on them at regular intervals.
- Dry wiping is prohibited. If the wiper is started at the beginning of rainfall when rainwater mixes with sand and dust, the wiper is unable to clean the windscreen. On the contrary, it may result in a blurred view in an instant, affecting driving safety.
- Please use glass cleaning agent. Water or other types of detergent may cause damage to the washer motor.

Exterior Rearview Mirror

Adjust the exterior rearview mirror to see the side of the vehicle properly.

WARNING

- Do not adjust the rearview mirror while driving the vehicle. Otherwise, accidents may happen as driver may lose control of the vehicle, resulting in personal injury or even death.

Manual folding of exterior rearview mirrors

- For parking in a place with limited space, the exterior rearview mirror can be folded back.
- Push the exterior rearview mirror backward to fold it.



CAUTION

- Do not drive the vehicle when folding the exterior rearview mirrors. Be sure to unfold and properly adjust the exterior rearview mirrors on both sides.

Manual adjustment of exterior rearview mirrors

Press the mirror edge by hand, and then adjust the mirror direction based on demand.

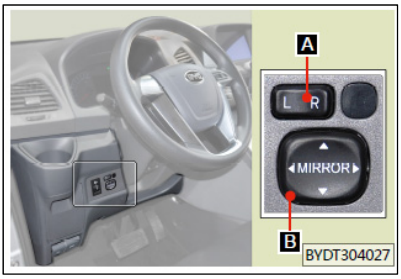


CAUTION

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

Electric adjustment of exterior rearview mirrors (if any)

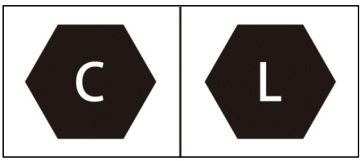
- The following buttons will be used to adjust exterior rearview mirrors:
  - » The START/STOP button is in the OK mode.
  - » Selection button A: used to select exterior rearview mirrors to be adjusted by pressing "L" (left) or "R" (right) of the button.
  - » Adjustment button B: used to adjust the exterior rearview mirrors by pressing the button according to the direction needed.



Vehicle compatibility and charging infrastructure

These signs are located on the vehicle charging socket and charging infrastructure components (charging stations, sockets).

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



Never allow juveniles to touch or use the charging equipment, and always keep them away during charging, as the charging equipment is a high-voltage electrical appliance.

Use only certified charging equipment specifically designed for electric vehicles that meets local standards:

- Do not open the front compartment for maintenance during charging.
- After charging, do not disconnect the charging equipment with wet hands or while standing in the water, so as to prevent electric shock that may result in personal injury.
- Before driving, make sure that the charging equipment has been disconnected from the charging port.
- During charging, it is recommended to charge the vehicle in a ventilated place, and people should not stay in the vehicle during charging.

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

If the vehicle is not used for a long time, it is recommended to use it after it is fully charged. In order to prolong the service life of the power battery, it is recommended to charge it every 3 months during parking (see the battery use recommendation for details).

The vehicle charging performance will be affected when the battery temperature is too high or too low.

During charging at a low temperature, the temperature control system can improve the low-temperature charging performance of the battery, which is limited by the output capacity of the charging pile; the charging time and heating time will be longer, and the heating power consumption will increase.

This is a normal phenomenon.

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

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

In areas with low temperature, it is recommended to charge the vehicle in heated space indoors.

Charging equipment in line with local standards should be selected.

Charging Instructions

Charging Equipment

Introduction to charging

- It is recommended that the user should drive the vehicle to a charging station for charging when the SOC indicator bar on the instrument drops into the red zone.
- Basic charging steps:
  - » Turn off the power-up switch to make sure that the vehicle is powered off.
  - » The user should leave the charging vehicle, lock the electric vehicle and move outside the safety line specified by the charging station.
  - » A service man of charging station should charge the electric vehicle.
  - » Drive the vehicle away from the charging station after charging is completed.

CAUTION

- It is recommended to charge the vehicle in time when the SOC indicator bar drops into the red zone to prevent unavailability of EV mode due to low power battery. Timely charging is also beneficial for the power battery. It is not recommended to charge the vehicle after the power battery runs out.
- Please leave the vehicle when it is being charged, and charge the vehicle in strict accordance with the requirements of relevant charging station. As high voltage poses risk, please stay off the safety line.

Precautions for HV system of electric vehicle

- Battery

  As DCHV generated by the power battery is very dangerous and may cause electric shock, serious burns, serious injuries or even life threat, do not disassemble the power battery of the electric vehicle without permission.

- HV circuit

  Generally, the HV wiring harness of the vehicle is bright orange. To avoid personal injury, do not contact HV cable and its connectors.

- HV components such as charging and distribution assembly 

  Do not disassemble or replace HV components without permission, such as HV electronic controller assembly located in the front compartment.

- During charging

  Before charging, make sure that the vehicle is powered off, and stands outside the yellow safety line specified for the charger.

  Single-phase AC charging through charging pile (if any)

Operating instructions for power battery

- One of the power sources of this vehicle is power battery, which can be charged repeatedly.
- Charging of power battery from external power sources is mainly achieved by DC charging via charging pile (if any) and single-phase AC charging through mains supply. The power battery can also be charged by a motor during braking and slipping of the vehicle.

CAUTION

- To keep the power battery be in its best service state, fully charge the power battery with charging equipment at regular intervals (not more than 1000 km).
- If the vehicle is to be stored or not used for a long time, be sure to charge it to 40% ~ 60%.
- If the storage time exceeds three months, the power battery must be charged. Otherwise, over-discharge of the battery may be caused, which will decrease the battery performance.
- No non-professional personnel are allowed to disassemble or open the battery pack.

Influence of charging on special population

During fast charging operation, electromagnetic field disturbance may be caused within operation area. Therefore, users with implantable cardiac pacemakers or implantable cardiac defibrillators should keep away from vehicles being charged in that severe injury or life threat to such users may be caused by the disturbance which affects the normal function of electronic medical devices.

WARNING

- If you are carrying such devices when the vehicle is in a state of charging:
- Do not stay in the vehicle for a long time.
- Do not enter the vehicle to take out any object from the passenger compartment.
- Do not open the trunk to take out any object from the trunk.

Application Method of Charging Equipment of Electric Vehicle

- Check before charging:
  - » Make sure that the charging equipment is free of abnormalities, such as scratches, rust corrosion, cracks or surface damage of charging port, cable, control box, wire and plug;
  - » Do not charge if any damage to, rust corrosion and crack on the socket surface or loose connection is found;
  - » In case of dirty or wet charging plug, cut off power and wipe the plug with a piece of dry and clean cloth to ensure its dryness and cleanness.

Use single-phase AC charging piles in public places to charge the vehicle.

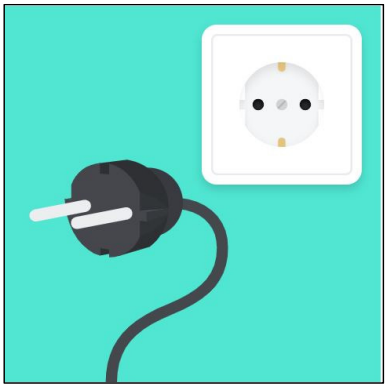
Q Specifications of equipment: Please refer to relevant description of the charger.

- Start charging (by using AC charging connector):

1. Pull up the charging port cap opening cable below the driver's seat to open the charging port cap on the front grille.



2. Hold the plug tightly with hands and insert it into the socket tightly.



3. Open the protective cover of the charging plug and socket; make sure that the ends of the charging plug and socket are free of obstructions.



4. Insert the charging plug into the electric vehicle AC charging socket until a "clicking" sound is heard (AC charging pile or DC charger is adopted; pay attention to distinguish AC and DC ports); insert the charging plug into AC / DC charging port; if you need to pay for charging, please follow the instructions on charger.



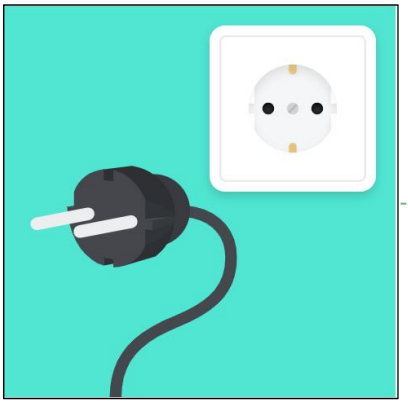
5. The charging equipment operates automatically. Confirm that the charge indicator (green) keeps flashing all the time (at an interval of 0.5s). If charging is finished, the charge indicator (green) will stop flashing and be lit on.

- Stop charging:

1. Press and hold the lockup button and remove the charging plug from the charging socket.



2. Pull out the three-phase plug from the socket. Do not pull the wire during pulling out the plug (use AC charging connector for charging).



3. 1 Close the protective cover of the charging port socket, 2 and then the exterior charging port cover of electric vehicle.
4. After charging, put the charging equipment into the special charging bag (use AC charging connector for charging).



WARM TIP

- Grounding instructions: The equipment must be well grounded. If the equipment is faulted or damaged, the grounding wire will discharge in a circuit with the minimum impedance, so that the risk of electric shock will be reduced. It is equipped with a grounding wire connecting the equipment grounding point and the grounding point of three-phase plug. The plug must match with the power supply socket that is correctly installed and well grounded.

Wall-mounted charging box

- Insert the charging plug into AC charging socket.
- If the charging pile is not equipped with a charging plug but the vehicle owner has AC charging plug assembly, connect the shorter plug end of the AC charging plug assembly with the vehicle socket, and connect the other end with the charging pile socket.
- Instant charging method:

1. With the power OFF, unlock the door lock switch and open the charging port hatch.





CAUTION

- If the charging port cover is frozen due to cold weather, rainy or snowy days, the charging port cover cannot automatically snap open when the charging port lock handle is pulled, so the following methods can be used to open it: 1. Pull up the charging port lock handle and meanwhile pull the charging port cover from the lower part of cover. 2. Melt ice using hot water or any other heater with a maximum temperature below 100 °C and then open the charging port cover. Do not force it open roughly.

2. Open the AC charging port cap.



3. Connect charging pile or charging connector at wall-mounted charging box terminal.

4. Connect the charging connector at the vehicle end and the charging connection indicator on the instrument will illuminate.



5. Set (such as swiping card) the charging pile or wall-mounted charging box to start charging.



- Stop charging:

1. The AC charging pile or wall-mounted charging box will automatically end charging. You may also manually stop charging and disconnect the charging box. Please read the Charging Box Manual for more details. After charging is finished, press the UNLOCK button on the intelligent key, and then press and hold the LOCK button on the charging plug to remove the charging plug from the charging port.



2. Sort and properly place the charging equipment and AC charging plug assembly.

3. Close 1 charging port cap and charging port hatch, and then the charging ends.



The power for intelligent charging comes from the power battery, and the SOC will decrease when the vehicle enters the intelligent charging mode. This is a normal phenomenon, not a vehicle failure.

When the start battery management system detects low power of the start battery, it can instruct the power batteries to charge the start battery.

Application of DC charger (if any)

- Drive the vehicle to the charging station and set the vehicle power in the OFF mode.
- DC charger should be operated by professional personnel in the charging station.



1. With the power OFF, unlock the door lock switch and open the charging port hatch.





2. Open the DC charging port cap.



3. Insert the charging plug of DC charger into the DC charging socket of the vehicle.
4. Set the DC charger (e.g. by swiping card) to start charging.



- Stop charging:

1. For DC charger, swipe the card to finish charging and remove the charging plug.



2. Sort and properly place the charging equipment and AC charging plug assembly.
3. Close 1 charging port cap and charging port hatch, and then the charging ends.



Precautions for Charging

WARNING

- Please charge the vehicle in a relatively safe environment (no liquids or open flames).
  - » Do not modify or remove the charging port or charging equipment, because doing so may result in a failure to charge or in fire occurring.
  - » Before charging, please ensure there is no liquid or foreign matters in the vehicle charging port and charging connector port, and the metal terminal is not rusted or damaged or affected by corrosion. In such cases, charging will not be permitted, as abnormal terminal connections may result in short circuits or electric shock, threatening the safety of lives.

WARNING

- » Immediately stop charging if the vehicle is found to emit any abnormal smells or smoke while being charged.
- » To prevent causing serious personal injury, keep in mind of the following precautions during vehicle charging:

  Do not contact the charging port or metal terminal in the charging connector.

  Do not charge or touch the vehicle in case of lightning stroke, because lightning stroke may cause damage to the charging equipment, or even result in personal injury.
- » After charging, do not disconnect the charger with wet hands or while standing in water, so as to prevent electric shock that may result in personal injury.
- » Before driving, make sure that the charger has been disconnected from the charging port.
- » If you wish to use any medical device in the vehicle, before use, confirm with its manufacturer whether charging will affect the normal operation of the device, as charging may result in abnormal operation of the device and even personal injury.

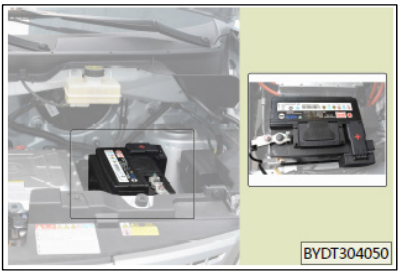
- Do not refit, disassemble or repair the charging equipment.
- Do not use any additional electric wire or adapter.
- In case of charging failure or any abnormality, stop using the equipment immediately.
- Do not contact the plug with a wet hand.
- Do not touch the pins of charging plug and the holes of charging socket on the electric vehicle.

⚠ WARNING (CONTINUED)

- Do charge under the rated voltage.
- Do not use the charging equipment in the cases of softening of three-phase plug wire, wearing of charging plug cable, cracking of insulation layer, or any other damage conditions.
- Do not use the charging equipment when the protective packaging or the charging port of electric vehicle is broken, cracked, opened or showing any damage conditions.
- Do not allow any juvenile to touch or use the charging equipment or come close to the charging equipment when used.
- The maximum ambient temperature for using the charging equipment is 50 °C.
- Do not let the charging equipment fall from height. Do not move the charging equipment by directly pulling the cable. Handle it gently and put it at a cool and shaded place.
- If you use any medical device such as implantable cardiac pacemakers and implantable cardiac defibrillators, please check with the manufacturers of medical devices to confirm the charging influence on implantable devices before charging operation.
- Users with implantable cardiac pacemakers and implantable cardiac defibrillators when the lithium battery is charged:
  - » Do not stay in the vehicle.
  - » Do not enter the vehicle (e.g. take out or place any object from or in the passenger compartment).
  - » Do not open the trunk lid (e.g. take out or place any object from or in the trunk).
- Charging may affect electronic medical device and result in serious personal injury or even life threat.

Battery

- The battery is located in the left front of front compartment.



- Basic functions of battery
  - » With the vehicle power OFF, the battery, connected in parallel with the DC, serves as the power supply for the vehicle loads. In general, with the vehicle powered up (OK), DC supplies power to electrical appliances of the vehicle and charges the battery. Only when the output is inadequate can the battery supply power to the vehicle loads.
- Precautions for using battery
  - » To prevent the battery from getting into the state of insufficient power, when the conditions ("OFF" mode, discharging allowed for power battery and battery power less than the design value) are met, the "intelligent charging" function will be triggered.
  - » If "intelligent charging" fails, the battery may fail to serve as LV power supply of the vehicle so that the vehicle cannot be powered up. In this case, please contact a BYD authorised service provider for handling.
  - » In case of any other problem you cannot solve, contact a BYD authorised service provider.

WARNING

- The battery has corrosive solution. Therefore, do not disassemble or repair the battery privately to avoid damages to the battery or injury to personnel.
- Do not remove or disassemble the power battery privately; otherwise, you should be held liable for any environment pollution or safety accident so caused.

WARM TIP

- The start battery should be charged with a special tool; therefore, do not remove it for charging privately.
- When intelligent charging is applied with the vehicle power OFF, the vehicle may make a sound that is generated when the vehicle is powered up (OK). This is a normal phenomenon.
- Do not carry out maintenance during intelligent charging.

The power battery is located under the vehicle's floor. When driving the vehicle through a bumpy or rough road, try to reduce the speed and take care to prevent the power battery from being impacted. If there is any impact, please drive the vehicle to BYD authorised service provider for maintenance in time.

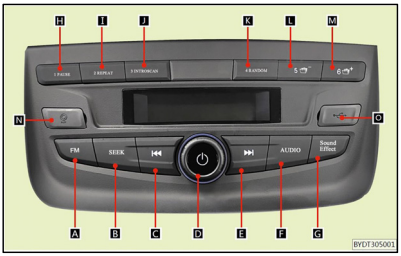
05 Infotainment System

Radio (If Any) 102
Multimedia (If Any) 104

Radio (If Any)

Radio

Appearance



You can adjust the brightness of the display screen. USB and AUX ports are installed on the panel.

A FM button

B SEEK button

C Previous song

D VOLUME knob / switch

E Next song

F Peripheral mode switching button

G Sound effect selection button

H Channel 1 selection / pause button

I Channel 2 selection / repeat play button

J Channel 3 selection / introscan play button

K Channel 4 selection / random play button

L Channel 5 selection / previous folder button

M Channel 6 selection / next folder button

N AUX plug cover

O USB plug cover

Functions

- FM button 
  - » After the power is turned off, press this button to wake up the host, which defaults to FM mode.
  - » FM: 3 groups can be saved (displayed as FM1, FM2 and FM3), 6 channels can be saved in each group.
- SEEK button 
  - » Press this button once to scan all preset channels in order, with each channel being played for 5s; press it again to play current channel.
  - » Press and hold this button to automatically search and save channels.
- Previous song 
  - » RADIO: Press this button once to manually switch to the previous (-) channel; press and hold this button to automatically search the previous channel with strong signal.
  - » USB: Press this button once to play the previous song; press and hold this button to quickly scan previous songs and select a song.
- VOLUME knob / switch 
  - » Adjust the output volume of audio system from 0 to 39. When the volume is adjusted to the maximum and minimum, the sound will remain unchanged; turn counterclockwise / clockwise to decrease / increase the volume.
  - » Press the button once to turn off the audio system or switch to the audio mode.

- Next song 

  » RADIO: Press this button once to manually switch to the next (+) channel; press and hold this button to automatically search the next channel with strong signal.

  » USB: Press this button once to play the next song; press and hold this button to quickly scan next songs and select a song.

- Peripheral mode switching button 

  » Peripheral mode by default; USB-AUX mode switching

- Sound effect selection button 

  » Press this knob to switch in the circulation of “BAS - TRE - BAL - FAD”; turn the knob clockwise or anticlockwise for adjustment after one mode is selected.

- Channel 1 selection / pause button 

  » RADIO: Press this button once to select channel 1; press and hold this button to save the current frequency to channel 1.

  » USB: Press this button to pause.

- Channel 2 selection / repeat play button 

  » RADIO: Press this button once to select channel 2; press and hold this button to save the current frequency to channel 2.

  » USB: Press this button once to repeat current track.

- Channel 3 selection / introscan play button 

  » RADIO: Press this button once to select channel 3; press and hold this button to save the current frequency to channel 3.

  » USB: Press this button to start introscan play of current folder, with each song being played for 10s.

- Channel 4 selection / random play button 

  » RADIO: Press this button once to select channel 4; press and hold this button to save the current frequency to channel 4.

  » USB: Press this button to start random play.

- Channel 5 selection / previous folder button 

  » RADIO: Press this button once to select channel 5; press and hold this button to save the current frequency to channel 5.

  » USB: Press this button to select the previous folder.

- Channel 6 selection / next folder button 

  » RADIO: Press this button once to select channel 6; press and hold this button to save the current frequency to channel 6.

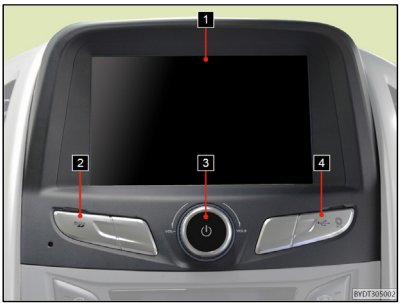
  » USB: Press this button to select the next folder.

- USB plug cover  and AUX plug cover 

  » Open the plug cover to access USB and AUX ports which can be used to connect the multimedia system via peripherals such as USB.

Multimedia (If Any)

Multimedia Button (If Any)



1 Multimedia touch screen 2 Plug covers of SD & Map cards 3 Audio OFF button / Volume adjustment knob 4 USB & AUX plug covers

System Startup

Initial image

When the power is in OK mode, the initial image will be displayed for several seconds and the multimedia system will start to work.



Precautions

WARNING

The multimedia enters a warning interface if EPB is released for the first time after system starting and the following prompt pops up:

- By tapping Agree on this interface, all functions can be fulfilled normally in the driving status. In addition, this prompt message will not pop up when the EPB is released again.
- If Agree on the interface is not tapped, the system will automatically exit the warning interface after 5s and enter the multimedia system.



Status Bar

Status bar information

When the multimedia system is started, the status bar in the uppermost part of the screen will keep displaying a series of current status signals, as shown in the figure below.



A AUX device connected

B USB device connected

C Storage card connected

D satellite positioning symbol. Lighting up of the symbol means satellite positioning completed, while gray status of the symbol means satellite positioning uncompleted.

E Bluetooth connected

F speaker in normal working state / mute

Desktop Show and Home Screen

Desktop show

When the multimedia system finishes starting, it will display the desktop show interface.

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

A The current audio or video information is displayed.

B Current time is displayed.

C The bottom of the desktop shows shortcuts of Phone, Navigation, Screen Off and Setting.



Home screen

On the desktop show interface, slide the page to the left to display the home screen, which consists of two pages, as shown in the figure below:

- The first page of the home screen mainly lists various video and audio icons, including Radio, Navigation, Phone, USB, Storage Card, AUX and Bluetooth Music.



- The second page of the home screen only lists icons of Background Set., Setting and Version.



System Setting

Timbre Settings

- Tap the "Setting" icon on the home screen to enter the setting interface.

  » The position of source sound field can be changed by tapping any position of the sound field or by pressing and dragging the blue ball.

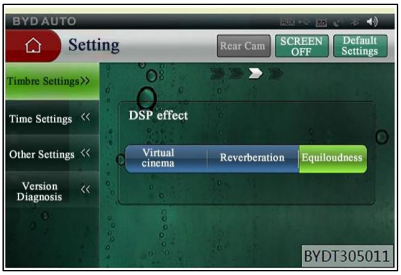


- Horizontally swipe the screen leftward to enter the second page of timbre settings.

  » This page is the equalizer page, on which you can select different types of music style.



- Horizontally swipe the screen leftward to enter the third page of timbre settings, on which DSP effect can be set.



- Horizontally swipe the screen leftward to enter the fourth page of timbre settings (as shown in the figure on the right), on which treble and bass effects can be set.



WARM TIP

- indicates the total number of pages under the setting option, while indicates on which page the current interface is.
- If the total number of pages under a setting option is more than one in the system setting interface, you can swipe the screen leftward or rightward to view all sub-interfaces.

Time Settings

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

- The 24h time format and "Automatic time service" can be selected.



- If the "Automatic time service" is ON, the system will select the GPS time; the multimedia and instrument system will display GPS time; if it is OFF, you can tap the "manual settings" to enter the interface shown in the figure on the right to adjust the time manually.



Other Settings

- Tap the "Other Settings" button on the left side of the system settings interface to enter the first page of other settings.

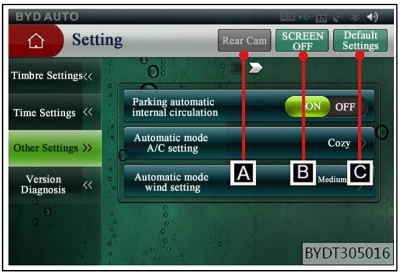
  » When the "Safe driving mode" is set "On", the system will start the safe driving mode. In this mode, the system will output voice but not provide any video in the vehicle running process. The video interface will display the prompt message of "The vehicle is running. Please keep safe when driving". No video can be watched until the vehicle is parked.



  » When the "Warning mode" is set "On", a safety warning interface will pop up while the parking brake is released for the first time after system starting. The multimedia functions can be fulfilled only after "Agree" is tapped.

  » If the intelligent voice alert mode is ON, voice alert will be provided when the vehicle is powered up.

  » If "The blower speed automatically decreases during Bluetooth call" is set "ON", the blower speed will automatically decrease when the Bluetooth call is applied.



- Swipe the screen leftward to enter the second page of other settings, as shown in the figure on the right.

  » If the "Parking automatic internal air recirculation" is set "ON", the A/C will enter the internal air recirculation mode automatically during vehicle parking.

  » For "Automatic mode A/C setting", economy / comfort / smart mode can be set.

  » For "Automatic mode wind setting", strong / medium / gentle mode can be set.

A: This button cannot be operated by the user. When rear cameras need calibration, drive your vehicle to a BYD authorised service provider to have them been calibrated by professionals.

B: Tapping this button will directly turn off the screen. By tapping the touch screen or the screen button, the screen will light up automatically.

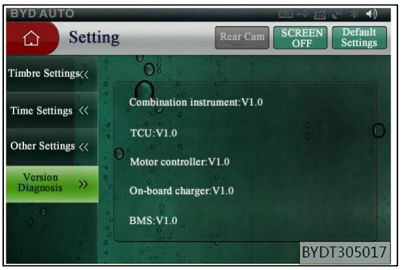
C: Tapping this button will restore all setting options to their default states.

Version Information

Version interface

- Enter the version interface, as shown in the figure on the right.

  » In this interface, you can view the version numbers of system hardware, software and all applications.



Background Setting

Picture view mode

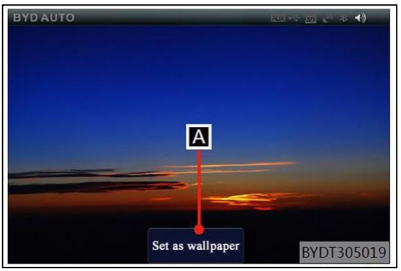


- Tap the  icon on the home screen to enter the background picture view interface.

  » In this interface, you can quickly browse the thumbnails of all pictures, and page scrolling can be achieved by swiping the touch screen upward or downward.

  » Tap any one of these thumbnails to enter the full screen view mode of the thumbnail selected.

  » A: Tap this button to close the background settings interface and return to the home screen.



- Tap any one of these thumbnails to enter the full screen mode of the thumbnail selected.

  » Swipe the screen leftward or rightward to view all background pictures successively. In addition, 1-3 picture(s) in the swiping direction may be skipped based on the swiping speed.

  » A : When you stop swiping, a "Set as wallpaper" button will appear at the bottom of the screen. Tap this button to close the current interface and return to the home screen, and the desktop background will be changed to the background picture selected.

Audio System

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



A SD interface

B Navigation interface

C Radio interface

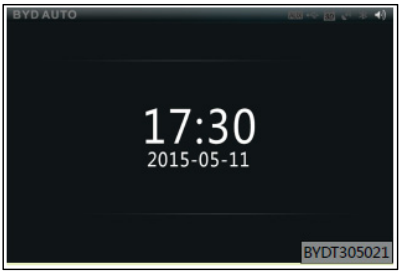
D USB interface

E Phone interface

F AUX interface

G Bluetooth music interface

Use of "POWER" button for audio system



In any audio system status interface, by pressing “POWER” button, the multimedia system will enter the audio system off mode and switch to the following interface.

- By pressing “POWER” button in audio system off mode, the multimedia system will return to the audio system interface before the audio system is turned off.
- Double press “POWER” button to exit the current interface and return to the home screen.
- Press and hold “POWER” button to automatically restart the multimedia system.
- Turn the knob until the lower part of the interface displays a volume control bar 24, through which the sound volume can be adjusted.

Operating Instructions for Audio System

Instructions for use

- This system is a kind of precision machinery. Therefore, do not open the system casing and dismantle the system body in the case of any failure.
- To prevent causing any damage to the touch screen, be sure to gently tap the screen with a finger. If the system makes no response, move your finger away from the screen and then tap it again.
- Do not wipe the touch screen with grinding cloth, paint thinner, alcohol and other volatile solvents, because they may damage the external surface of the audio system and the touch screen.
- When the temperature of the display screen is low, the picture displayed may be darker or the system may work slower than working under normal conditions.
- When the audio system is in service, loudspeakers of the audio system may generate some interference noise if any mobile phone is used inside or near the vehicle.

CAUTION

- If the sound volume is high after the multimedia system is powered on, your ears may be hurt when you start or stop the vehicle. Please adjust the volume with care.
- Do not use high-power inverter in the vehicle, because using such inverters will result in abnormality of the multimedia system.

Using Radio

Tap the  icon on the home screen to enter the radio interface.



A B : They are manual tuning buttons. Tapping any of these buttons once, the radio system will search channels automatically. Tapping any of these buttons once again, the radio system will stop searching channels.

C D: They are fine tuning buttons.

E : This is the list of channels saved. Swipe the screen leftward or rightward to view all channels saved.

F : This indicates the frequency currently played or the frequency currently searched. The current channel can be saved by tapping this box and swiping downward at the same time.

G : Tap this button to search all channels in the entire frequency band and automatically save the channels searched in the list.

Tap any channel to play it. Long press a channel and a delete prompt interface will pop up.

- In the delete prompt interface, there are three option buttons, i.e., "Delete", "Delete channel list" and "Cancel". You can select and tap any button to execute the corresponding operation.



CAUTION

- Receiving sensibility

  » The receiving quality of radio signal varies along with the constant change of position, the difference of signal intensity, and the influence of nearby objects like train and launch pad, so it is hard to maintain perfect receiving quality.

Play Audio and Video Files from USB Device

Tap the  icon on the home screen.



- If no USB device has been connected, the multimedia system will display the prompt message of "No external device detected. Please confirm the connection!".
- If a USB device has been connected, the multimedia system will enter the USB audio file play interface.

» Tap A to enter the audio file play interface.

» Tap B to enter video file play interface. If B icon is gray, it means that there is no playable video file in the USB device.

» Tap C to enter the track selection interface.

» Tap D to enter the track list interface.

» Tap E to switch to the previous track.

» Tap F to pause.

» Tap G to switch to the next track.

» Tap H to display current play information and progress.

Play Audio and Video Files from SD Card

Tap the 

icon on the home screen.

- If no SD card has been connected, the multimedia system will display the prompt message of "No external device detected. Please confirm the connection!".
- If a SD card has been connected, the multimedia system will enter the SD audio file play interface, as shown in the figure on the right.
- Methods for playing audio and video files from an SD card and a USB device are the same. For details, refer to the method concerning playing audio and video files from a USB device.



Play Audio Files from AUX Device

Tap the 

icon on the home screen.

- If no AUX device has been connected, the multimedia system will display the prompt message of "No external device detected. Please confirm the connection!". If an AUX device has been connected, the multimedia system will enter the AUX audio file play interface.
- This is no control interface of the AUX device on the multimedia system.



Play Bluetooth Music

Tap the 

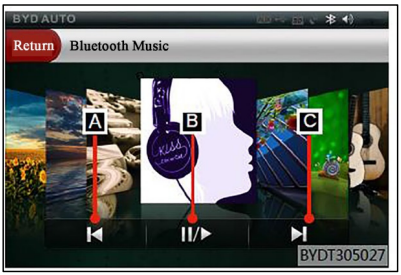
icon on the home screen.

- If no mobile phone has been connected, the multimedia system will display the prompt message of "No mobile phone connected. Please connect with a mobile phone first!"
- If the phone music function has been activated and the Bluetooth device of the mobile phone has been connected, the multimedia system will enter the phone music interface, as shown in the figure on the right.

A : play the previous song.

B : pause/play Bluetooth music.

C : play the next song.



Bluetooth Phone



Tap the  icon on the home screen.

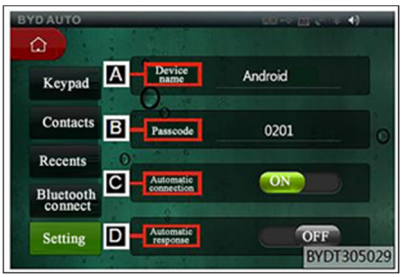
- All phone functions will be unavailable if the system has not been connected with any device. Therefore, the multimedia system must be connected with a mobile phone through Bluetooth connection first. After that, tap the "Bluetooth connect" to enter the interface as shown in the figure on the right.
- The names of 8 mobile phones connected before can be recorded in this interface at most. If a device other than these 8 mobile phones has to be connected, one of these mobile phone names must be deleted before connection.
- A mobile phone can be connected either by tapping a specific mobile phone name, or by searching the multimedia system through the mobile phone.

Bluetooth connect

- The on-board multimedia system can only be connected with one mobile phone at the same time.
- With mobile phone connection, tap the device connected, such as 

, and a confirmation interface for disconnecting the device will pop up. The device can be disconnected by tapping "OK".
- Without mobile phone connection, tap and hold a mobile phone name, and a confirmation interface for deleting the device will pop up. The mobile phone name can be deleted from the record list by tapping "Delete".

Bluetooth settings



Tap 

on the phone interface to enter the Bluetooth settings interface.

- Tap A to enter the device name modification interface. A device name can only consist of figures or letters, with its number of characters being 1-10.
- Tap B to enter the passcode modification interface. The passcode must consist of 4 figures.
- By tapping C, the gray bar will become green, indicating that the automatic connection function has been activated. When the automatic connection function is activated, the multimedia system will detect the device connected last time after each system starting. If a device is detected, connection will be made automatically between the device and the system. By tapping C again, the green bar will become gray, indicating that the automatic connection function has been deactivated.

- By tapping D, the gray bar will become green, indicating that the automatic response function has been activated. When the automatic answer function is activated, the system will automatically answer the incoming call if no manual response is made after 10s.

Making a phone call

If the multimedia system has been connected with a mobile phone, the system will enter the dial interface.

- Dialing is available only after a mobile phone with Bluetooth function has been connected.
- Enter the phone number on the numeric keypad and then tap A to make a call.
- Tap B to delete a single figure. Tap and hold this button to delete all figures.



Recents

Tap Recents to enter the recents interface.

- The information of the latest 6 calls can be recorded in the recents interface.
- Select and tap any call record to call the corresponding number recorded.



Talking

Talking interface.

- During talking, you can end the call at any time by tapping A .
- B : Tap this button to mute the microphone so that the current conversation cannot be heard by the other party; tap this button again to cancel the mute state.
- C :Tap this button to display the dial keypad.
- D : Tap this button to switch the telephone receiver sound between the mobile phone and the multimedia system.



Dialing

Dialing interface.

- During dialing, the call may be ended by tapping A.



06 Interior devices

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A/C System

A/C System

Automatic A/C panel



A "Front windscreen defrosting" button

B "Rear windscreen defrosting" button

C "A/C OFF" button

D "Compressor control" button

E "Automatic control" button

F "Temperature set" button

G "Blower speed -" button

H "Blower speed +" button

I "Air outlet mode selection" button

J "VENT" button

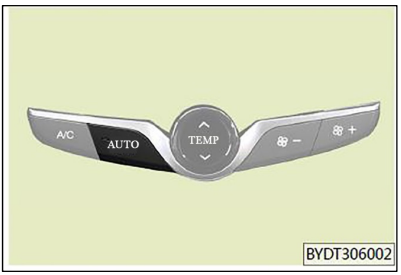
K "Internal air recirculation mode" button

L "Information display screen"

"AUTO" button (E)

By pressing this button, the indicator (ice blue) will illuminate and the A/C will work in the AUTO mode.

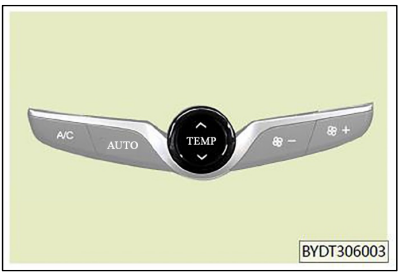
- In the AUTO mode, the system automatically adjusts air speed and air outlet mode depending on the set temperature.
- In AUTO mode, if any "Front windscreen defrosting", "Mode" or A/C button is pressed or the blower speed is adjusted, the A/C will quit the automatic control mode and the AUTO indicator will go out.



"Temperature set" button (F)

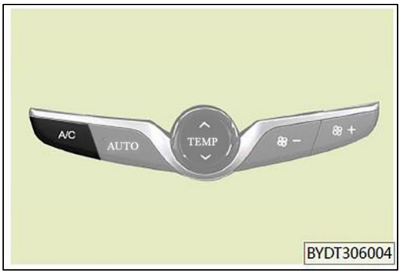
Operate this button to set the required compartment temperature. The higher set value indicates the higher outlet air temperature.

- Press ▲ (increase) button (outlet air temperature increases) or ▼ (decrease) button to adjust the outlet air temperature.



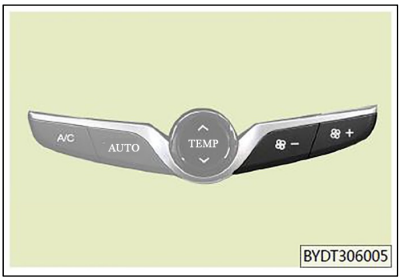
"Compressor control" button (D)

Press the "A/C" button to turn on the A/C compressor. At this moment, the information display screen on A/C control panel will display "A/C ON". Press this button again to turn off the compressor. At this moment, the screen will display "A/C OFF".



"Blower speed control" button (G, H)

- Press  to increase the blower speed; press  to decrease the blower speed.
- Adjust the blower speed as required by pressing these two buttons. A higher blower speed level indicates a higher air input.



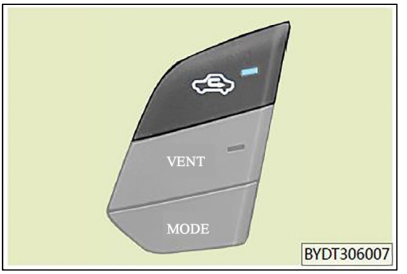
"A/C OFF" button (C)

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



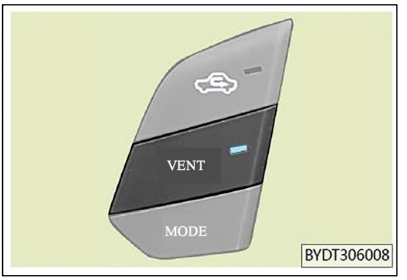
"Internal air recirculation mode" button **(K)**

- Internal air recirculation mode: to recirculate air inside the vehicle.
- If the "Internal air recirculation mode" button  indicator is on (ice blue), the air inlet mode will be internal air recirculation mode; if this indicator is not on, the air inlet mode is external air circulation mode.



"VENT" button (J)

With the vehicle powered up (OK), by pressing the button in any A/C mode, the indicator (ice blue) will illuminate and "VENT" mode will be activated. In this mode, the system is in the external air recirculation mode, with blower speed 1, face level mode and set temperature non-adjustable. In VENT mode, the internal / external air recirculation mode, blower speed level and air outlet mode can be adjusted. Pressing "Front windscreen deforesting", "Mode", "A/C" or "Blower OFF" will exit the "VENT" mode.



"Front windscreen defrosting" button **(A)**

- By pressing this button, the indicator (yellow) on the button will illuminate, and the air inlet mode will automatically switch to "external air recirculation" mode.
- By pressing this button again, the indicator will go out, and A/C will exit front windscreen deforesting mode and return to the state before the front windscreen deforesting mode is enabled. Press this button to enable defrosting and demisting function so that the front view can become clear more quickly.



"Rear windscreen defrosting" button (if any) **(B)**

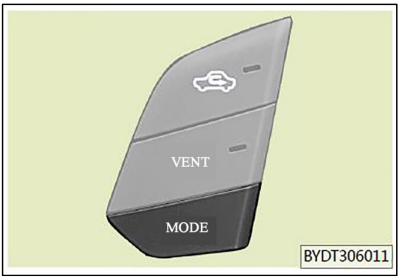
- By pressing the "Rear windscreen defrosting" button, the indicator (yellow) will illuminate, the rear windscreen defroster will start to work and the fine electric heating elements in the rear windscreen will make the glass surface clear rapidly.
- After the glass is cleaned, press this button again to turn off the defroster.
- The defroster system will shut down automatically after 15 min working if the “Rear windscreen deforesting” button is not manually pressed again.



"Air outlet mode selection" button **(I)**

- There are 4 air outlet modes displayed on the right of the information display screen on A/C control panel, namely, "Face level", "Face level and footwell", "Footwell" and "Footwell and defrosting".

  Press  to select the 5th mode, "front windscreen defrosting" mode.
- In AUTO mode, press this button to select another air outlet mode.



Information display screen on A/C control panel

Information display window for A/C system

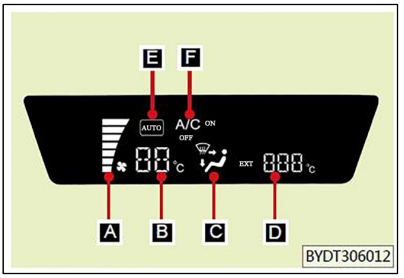
A: blower speed

B: set temperature

C: air outlet mode

D: outside temperature

E: AUTO mode



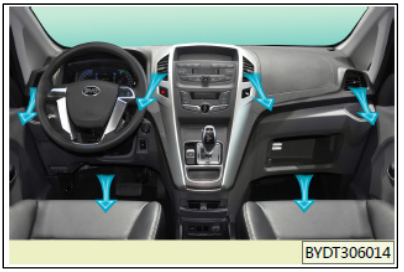
F: compressor ON or OFF

Air distribution mode

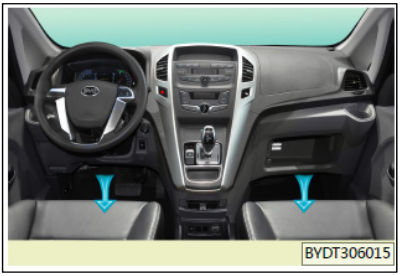
- Face level: Air mainly flows to the upper part of human body.



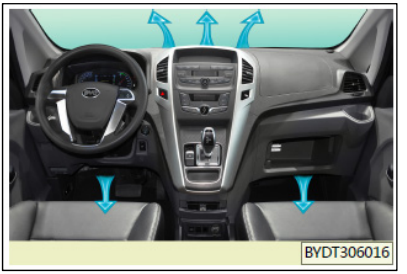
- Face level and footwell: Air mainly flows to the upper part and feet of human body.



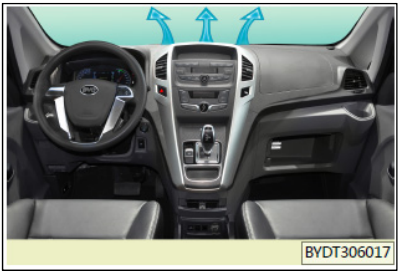
- Footwell: Air mainly flows to the feet of human body.



- Defrosting and footwell: Air mainly flows to the feet of human body and the front windscreen.



- : Air mainly flows to the front windscreen.



Heating

To realize heating, the A/C control panel should be set as follows:

- Automatic operation
  - » Press the "AUTO" button.
  - » Temperature: set to the temperature needed
  - » Air inlet mode: external air recirculation
- Manual operation
  - » Blower speed: set to the blower speed needed
  - » Temperature: set to a high temperature
  - » Air inlet mode: external air recirculation
  - » Air outlet mode: 
- To realize fast heating, select the internal air recirculation mode for several minutes. In order to prevent the generation of window mist, select the external air recirculation mode for air inlet when the temperature of compartment rises up.
- During heating, pressing the "A/C" button can reduce the moisture in air flow.
- The  air outlet mode can be selected to make the temperature inside the vehicle rise up during defrosting or demisting of the windscreen.

Cooling

To increase cooling effect, the A/C control panel should be set as follows:

- Automatic operation
  - » Press the "AUTO" button.
  - » Temperature: set to the temperature needed
  - » Air inlet mode: external air recirculation
  - » Manual operation
  - » Blower speed: set to the blower speed needed
  - » Temperature: set to a low temperature
  - » Air inlet mode: external air recirculation
  - » Air outlet mode: 
  - » A/C: turn on

To realize fast cooling, operate the temperature set button to select Lo, and set internal air recirculation mode for several minutes.

Demisting and defrosting

Activate the demisting and defrosting function to keep the front view clear.

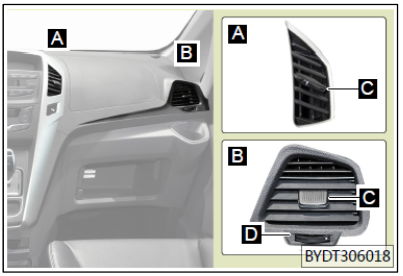
- The A/C control panel should be set as follows:
  - » Temperature: set to the temperature needed
  - » Air outlet mode: 

By pressing  button, the defrosting and demisting function will be activated.

- The air inlet mode will be automatically switched to the external air recirculation mode, and the compressor will be turned on and off automatically. When the temperature is set to Lo or Hi, the A/C blower speed is set to level 7 by default (to allow quick defrosting and demisting) and for any other set temperature, the A/C blower speed is set to level 5 by default.
- By pressing this button again, the air supply mode will return to the status used last time.

Air flow direction regulation, opening and closing of air vents

Operate on the blade at vent to guide the air flow to the left/right side or the upper/lower side; turn below vents on the left/right side to open or close air vents.



Main Points of Operation for A/C System

- To allow the interior of the vehicle to cool down after sun exposure, open the windows for a few minutes to remove hot air inside and accelerate cooling inside the vehicle.
- Make sure that the air intake grille in front of the windscreen is not blocked (by leaves or snow).
- In damp environment, do not direct cold air to the windscreen directly to prevent the windscreen from misting due to inconsistent inside and outside temperatures.
- Be sure to keep the part under front seats open and unblocked, so that the air inside the vehicle can be fully circulated.
- In cold weather, the blower speed must be set to a high value for continuous working of 1 min to clear the accumulated snow or moisture at the air inlet, so that window misting can be reduced.
- When following other vehicles on a dusty road or driving in a windy and dusty environment, close all windows, set the air inlet mode to internal air recirculation mode and turn on the A/C blower.

Inspection of Air Filter

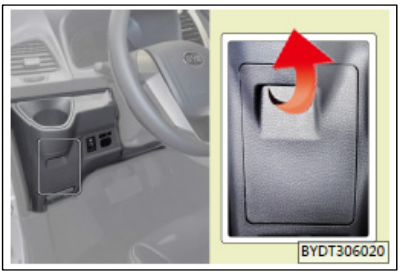
- The information label of air filter is placed in the glove box, which indicates that the air filter has been installed.
- The air filter can prevent dust from entering the vehicle through A/C vents.



Storage Devices

Bill Box

- The bill box is located below the left air outlet of the dashboard.
  - » To open the bill box, pull its upper handle downward.
  - » To close the bill box, push it hard.



Interior Glove Box

- To open the interior glove box, pull the handle with word of “PULL”.
- To close the interior glove box, push it upward.



Central Console Glove Box (If Any)

- The central console glove box is used to store small objects.



Storage Box

- The storage box is used to place mobile phones, bills or other objects.



Mobile Phone Holder

- The mobile phone holder is used to store mobile phones and other small objects.
- The number of mobile phone holders is different for different models (subject to the actual vehicle configuration).



Other Devices

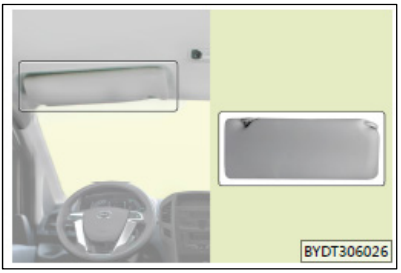
Power Socket

The power socket is used for providing power for vehicle accessories. When using the power socket, open its cover and vehicle power must be in OK mode.

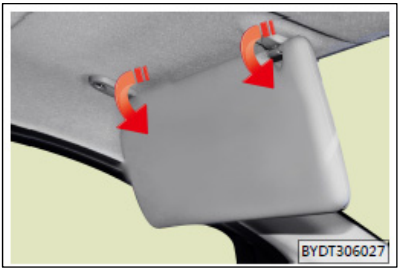


Sun Visor

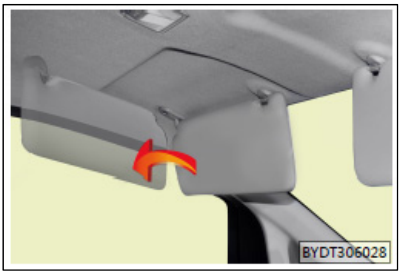
- The sun visors are located above the driver's seat/front passenger's seat (if any).



- To shade the eyes from glare of sunlight from the front, pull down the sun visor.



- To shade the eyes from glare of sunlight from the side, remove the rotary cover from the fixing bracket, and turn the sun visor to the side window.



WARM TIP

- Reasonable and proper use of the sun visor can increase the driving comfort and safety.
- When you enter or leave the vehicle, please confirm that the sun visor has been put back in place.

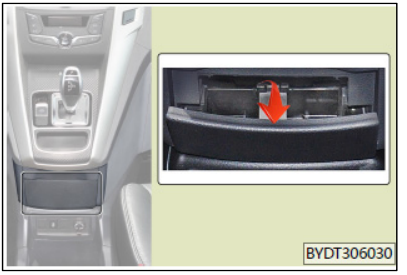
Vanity Mirror (If Any)

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



Ashtray

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

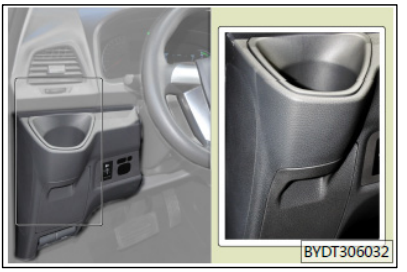


- Turn the ashtray in the direction shown in the figure to remove it.



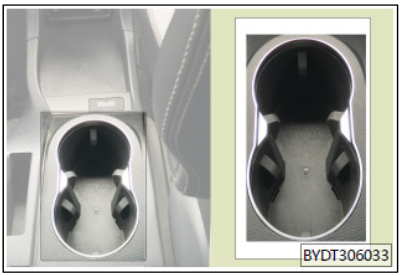
Cup Holder

- At the dashboard

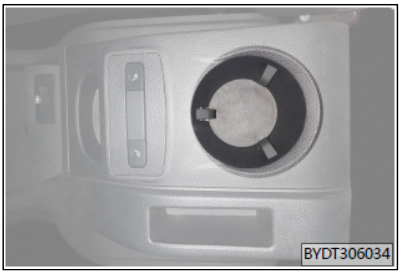


- At the auxiliary dashboard

  » Configuration 1



  » Configuration 2



WARNING

- To ensure driving safety, the driver should never take a cup from or put it into the cup holder.

CAUTION

- When using the cup holder, to prevent liquid content from splashing out and scalding you or any passenger, do not start or brake the vehicle suddenly.

- The cup holder of rear door is located below the interior lock of slide door.



CAUTION

- Do not put an open cup or bottle not tightened into the cup holder to avoid splash of liquid during opening/closing of a door or driving.

Charging Port Switch

- Pull up the charging port lock handle to open the cap.



- The position and opening state of charging port is shown in the figure. The charging port is divide into two types, namely AC charging port and DC charging port. Please refer to "Application Method of Charging Equipment of Electric Vehicle" in Chapter IV for charging steps.



USB Charger Connector

With the vehicle powered up (OK), USB charger connector can realize the charging function.



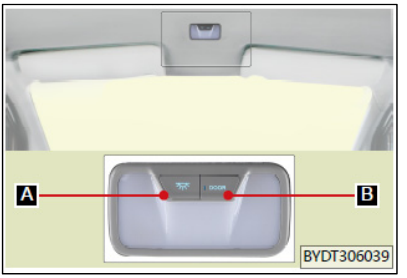
CAUTION

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

Front Interior Light

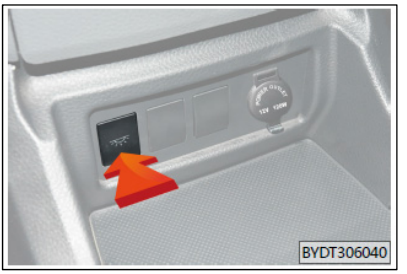
A Interior light switch: to open or close the interior lights.

B "DOOR": By pressing this button, the DOOR indicator will illuminate, and interior lights will illuminate automatically when any door is opened, and will go out automatically within 15s after all doors are closed or within several minutes after the vehicle is powered off.

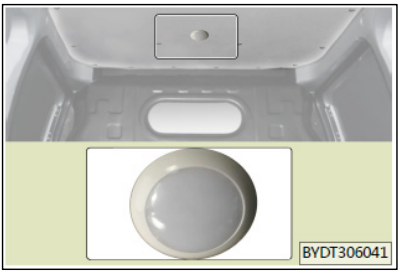


Trunk Light (If Any)

By pressing the trunk light button, the trunk light will illuminate; by pressing the button again, the trunk light will go out.



Trunk light



07 Service and Maintenance

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Instructions for Maintenance

Necessity of Maintenance

Regular maintenance is important

BYD strongly suggests that users should observe the following maintenance schedule for this vehicle, as regular maintenance is helpful for:

- Saving electricity
- Extending the service life of the vehicle
- Enjoying the driving pleasure
- Driving safety and stability
- Complying with warranty regulations
- Complying with the government's provisions

DIY maintenance items

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

CAUTION

- Some maintenance items requiring special tools and professional skills should be completed by professional service personnel of a BYD authorised service provider. The personnel will register each maintenance record of your vehicle.

Vehicle maintenance schedule

- The maintenance schedule is prepared to ensure the driving stability, reduce troubles and provide a safe and economical driving experience to the user.
- Refer to the maintenance schedule for intervals of planned maintenance which depends on the readings on the odometer or time intervals, whichever comes first.
- Once done at the time after the required time interval, any maintenance item should also be done at the same time interval next time.
- The maintenance intervals for each item are included in the maintenance schedule.
- Have rubber hoses (for the cooling/heating system and the brake system) checked by a qualified technician as per the maintenance schedule.
- These are especially important maintenance items. Replace a hose immediately once it is degraded or damaged. Note: Rubber hoses become aged with the elapse of time, resulting in expansion, wear or burst.

Regular Maintenance Schedule

Readings on Odometer or Number of Months, Whichever Comes First																		
Time Interval for Maintenance	**×1,000 (miles / km)**	**20**	**40**	**60**	**80**	**100**	**120**	**140**	**160**	**180**	**200**	**220**	**90 /144**	**97.5 /156**	**105 /168**	**112.5 /180**	**120 /192**
Maintenance Item	**Number of Months**	**12**	**24**	**36**	**48**	**60**	**72**	**84**	**96**	**108**	**120**	**132**	**72**	**78**	**84**	**90**	**96**
1	Check and tighten the chassis fixing screws	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
2	Check the brake pedal and the EPB switch	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
3	Check brake pad and disc	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
4	Check the pipeline and hoses of brake system	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
5	Check guide pins of brake caliper assembly.	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
6	Check the steering wheel and the gearshift lever	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
7	Check the dust cover of transmission shaft	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
8	Check the ball pin and the dust cover	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
9	Check front and rear suspension devices	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
10	Check tyres and restarting pressure (including TPMS)	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I

Readings on Odometer or Number of Months, Whichever Comes First																		
Time Interval for Maintenance	**×1,000 (miles / km)**	**20**	**40**	**60**	**80**	**100**	**120**	**140**	**160**	**180**	**200**	**220**	**90 /144**	**97.5 /156**	**105 /168**	**112.5 /180**	**120 /192**
Maintenance Item	**Number of Months**	**12**	**24**	**36**	**48**	**60**	**72**	**84**	**96**	**108**	**120**	**132**	**72**	**78**	**84**	**90**	**96**
11	Check the alignment of front and rear wheels	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
12	Tyre rotation	I	R	I	R	I	R	I	R	I	R	I	R	I	R	I	R
13	Check whether there is any play in wheel bearing	**Tyre pressure reset is required for each repair and maintenance, and tyre pressure reset is required every 10,000 km or 1 year (whichever occurs earlier).**															
14	Check the level of antifreeze in the expansion tank	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
15	Replace the antifreeze for drive motor	Replace it with long-acting, organic, and acid coolant once every 4 years or every 100,000 km (whichever comes first).															
16	Check the brake fluid	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
17	Replace the brake fluid	Every 2 years or 40,000 km															
18	Check the DTC of vehicle (clearing after recording)	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
19	Check the power battery tray and bumper	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
20	Capacity testing and calibration	Every 6 months or 72,000 km															
21	Check and replace gear oil in transmission	Replace it every 6 months or 5,000 km for the first time. After that, replace it once every 24 months or 48,000 km.															
22	Check whether the powertrain has any fluid leakage and bumps	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I

Readings on Odometer or Number of Months, Whichever Comes First																		
Time Interval for Maintenance		×1,000 (miles / km)	20	40	60	80	100	120	140	160	180	200	220	90 /144	97.5 /156	105 /168	112.5 /180	120 /192
Maintenance Item		Number of Months	12	24	36	48	60	72	84	96	108	120	132	72	78	84	90	96
23	Check whether the high-voltage wiring harness or connector gets loose		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
24	Check whether the exterior part of the high-voltage module is deformed and whether it has any oil fluid on the surface		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
25	Check whether all joints of the charging connector have any foreign objects or ablation		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
26	Replace the A/C coolant		Replace it with long-acting, organic, and acid coolant once every 4 years or every 100,000 km (whichever comes first).															
27	Check the ordinary A/C filter screen		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
28	Check the high-efficiency filter (if any)		Check the ordinary filter screen regularly every 1 year or 20000km, and replace it if necessary (whichever occurs earlier). Under severe service conditions, check once every 6 months and replace it if necessary.															
29	Check the filter screen for PM2.5 rapid detector (if any)		Check the ordinary filter screen regularly every 1 year or 20000km, and replace it if necessary (whichever occurs earlier). Under severe service conditions, check once every 6 months and replace it if necessary.															
30	Check the electrostatic filter (if any)		Check the ordinary filter screen regularly every 1 year or 20000km, and replace it if necessary (whichever occurs earlier). Under severe service conditions, check once every 6 months and replace it if necessary.															
31	Check whether all light bulbs and LEDs illuminate normally		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
32	Check whether the light adjustment function for headlights is normal		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I

Readings on Odometer or Number of Months, Whichever Comes First																			
Time Interval for Maintenance	**×1,000 (miles / km)**	**20**	**40**	**60**	**80**	**100**	**120**	**140**	**160**	**180**	**200**	**220**	**90 /144**	**97.5 /156**	**105 /168**	**112.5 /180**	**120 /192**
Maintenance Item	**Number of Months**	**12**	**24**	**36**	**48**	**60**	**72**	**84**	**96**	**108**	**120**	**132**	**72**	**78**	**84**	**90**	**96**
33	Calibrate initial downward inclination of low beams	Once calibration every 10000 km of vehicle running mileage															
34	Check whether the GND point of EPS has any foreign objects or ablation	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
35	Check whether the EPS connector gets loose and whether the connector pins have been ablated	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
36	Check whether the surface of EPS ECU has been corroded	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
37	Check the connection between EPS ECU and motor for foreign object or corrosion	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
38	Check if any software updating kits of complete vehicle modules exist. Update them if any.	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
39	Check if the HV components have any traces of waterlogging	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
40	Check the front compartment hatch lock and its fasteners	Every year															

Notes:

- Definitions of symbols in the table above are as follows:
  - » I = If necessary, check, calibrate or replace;
  - » I = Items to be added for severe conditions;
  - » R = Replace, change or lubricate.
- For item 1, timely change any unexpectedly damaged chassis parts.
- Harsh service condition means:
  - » The vehicle has frequently served in dusty areas or been exposed in salt-laden air.
  - » The vehicle has frequently served on bumpy, waterlogged or mountain roads.
  - » The vehicle has frequently served in cold areas, and the brake system has been used too frequently, in particular for hard brake.
  - » The vehicle has frequently served as a tow tractor or taxi.
  - » The vehicle has served in an urban area which features traffic congestion at a temperature above 32 °C for more than 50% of the total service time.
  - » The vehicle has served at a speed of more than 120 km/h at a temperature above 30 °C for more than 50% of the total service time.
  - » The vehicle has been overloaded frequently.

WARM TIP

- To keep the power battery in the best state, it is necessary to conduct full charge and full discharge of the vehicle at regular intervals (at least after every 6 months or every 72,000 km of vehicle running mileage) to allow self-calibration of the battery. You may also contact a BYD authorised service provider to test and calibrate the battery capacity.

Maintenance Items	Model and specification	Filling capacity
Gear oil	Castrol BOT384/EV POWER EV2.0	0.6-0.7L
Brake fluid	DOT4	650ml±10 (added to MAX line, error: 0~5mm)
Motor coolant	Long-acting antifreeze	4.2±0.2L (added to "MAX" and "MIN" marks)
A/C refrigerant	Refrigerant R134a	(600±10)g
Wiper washer fluid	Cold resistant type: Low-temperature washer fluid -40℃. Non-cold resistant type: Low-temperature washer fluid -25℃.	2L
Battery coolant	Coolant freezing point: -40°C for battery thermal management system	3.7L (added to MAX and MIN lines)

Circumstances Where the Vehicle Needs Repair

- Pay attention to changes of the vehicle's performance and sound, as well as intuitive signs indicating the demand of inspection and repair. Some important conditions are as follows:
  - » There is an unexpected noise when motor is getting started.
  - » Coolant is overheated all the time, stagnated or leaking;
  - » The motor jams and produces unexpected noise.
  - » The motor runs with excessive vibration;
  - » The motor fails to get started.
  - » There is fluid leaking in powertrain.
  - » There is an odor from powertrain.
  - » The power significantly reduces.
  - » Fluid drips underneath the vehicle, which might indicate a leak (except for dripping after using air conditioner);
  - » There is a flat tyre, an unexpected noise from the tyre when the vehicle is turning a corner, or uneven wear on the tyre surface.
  - » The vehicle deviates to one side when straightly running on flat ground.
  - » There is an unexpected noise arising from the displacement of suspension system.
  - » The brake system fails to work, there is a soft feeling like sponge from brake pedal or clutch pedal, the pedal almost falls on floor, or the vehicle moves off tracking when being during braking.
  - » There is a continuously rise in temperature of motor coolant.
  - » The battery capacity significantly decreases.
  - » The battery is at a continuous high temperature, triggering overheating protection, or has no power output.
- If any of these situations is found, drive you vehicle to a BYD authorised service provider for adjustment or repair.

WARM TIP

- To avoid serious vehicle damage and personal injury, do not continue driving a vehicle not checked.

Maintenance of Vehicle Body

Maintenance of Painted Surface

- Proper maintenance of the vehicle can prevent the vehicle from being corroded. The most common causes of vehicle corrosion are as follows:
  - » Saline and alkaline matters, dust and moisture are deposited at the positions hard to be reached beneath the vehicle.
  - » Paint or primer coats have been scratched by slight impact or stones and gravels.
- Take care when driving in special areas and under special environment:
  - » The dust of saline and alkaline matters or chemical substances on the road will accelerate corrosion. Salt is also contained in the air in coastal regions or the areas with industrial pollution.
  - » High humidity will accelerate corrosion, especially in the circumstance where the temperature is just above zero.
  - » Some parts of the vehicle may be corroded because they are kept in a wet or humid environment for a long time, even if other parts are kept dry.

» Vehicle components which are not dried quickly due to the lack of correct ventilation are liable to corrosion at a high ambient temperature.

- The above-mentioned conditions indicate the significance of keeping clean of the vehicle, especially the vehicle bottom, and of repairing the damaged paint coat and protective coat as soon as possible.
- The vehicle should be cleaned regularly to ensure the body is clean, thus preventing the vehicle from rust. Wash your vehicle as follows to prevent corrosion:

  » If you have to drive the vehicle on saline and alkaline roads in winter, or if you live by the sea, be sure to wash running parts of the vehicle at least once a month to reduce corrosion.

  » High pressure or steam is very effective in washing the vehicle chassis and wheel guards. However, direct washing the power battery below the chassis should be avoided during washing. Pay special attention to the positions of these parts as it is hard to see clearly the mud and dirt there. Simply wetting mud and debris without removal will cause more serious hazards. Do not let dust block the lower edges of doors, door sill plates and drain holes on all parts of the frame. Otherwise, waterlogging at these positions will cause corrosion.

  » Wash the vehicle chassis thoroughly after winter.

- Check paint and trims on the vehicle body.

  If the paint coat is found with any chips or cracks, it should be repaired at once to prevent corrosion starting from the positions of such chips or cracks.

  If any chipping or cracking coat peels off from the metal surface, please contact a BYD authorised service provider for repair.

- Check the interior of the compartment.

  Moisture and dust always deposit beneath the carpet and seat cushions and may cause corrosion. Therefore, frequently check the positions beneath carpets and seat cushions to make sure that these positions are dry. Take special care and use proper containers to transport chemical products, detergents, chemical fertilizers, salts, and other substances. Clear any splashing or leaking substances at once and keep dry of the containers.

- Use fenders.

  Using fenders can protect the vehicle if the vehicle runs in saline and alkaline areas or on a road covered by gravels. It is better to use fenders with larger sizes and install them on the vehicle closer to the ground.

- Be sure to park the vehicle in a well-ventilated garage or a place with roof. Do not park the vehicle in a wet and badly ventilated garage. Washing the vehicle in the garage, or driving through waterlogged or snow-covered road sections, will wet the garage, further resulting in vehicle corrosion. Even if the garage is very dry, poor ventilation will also cause corrosion to the vehicle.

Tips for maintenance of painted surface

Pay attention to the following points during maintenance of painted surface:

- Before or after using the vehicle, clear the dust on the body without delay to minimize dust absorbed due to static electricity of the body.
- Wash the vehicle immediately after rainfall. As rain stains on the vehicle body shrink little by little after rainfall, the concentration of acid substances in rain stains will increase gradually. If these rain stains are not washed off by clean water, the painted surface will be damaged after a long period of time.

- Wash the vehicle after the motor gets cool down. Do not wash the vehicle under the burning sun or in a high-temperature environment, so as to prevent leaving any trace of cleanser because of drying. Use special detergent to wash the vehicle during DIY washing. Do not use alkaline clothes washing powder, soapy water or dishwashing liquid, because using them may remove grease on the painted surface and accelerate aging of the painted surface. If you have your vehicle washed at a car washing station, prevent the car cleaner from using dewaxing detergent, so as to avoid causing any damage to the painted surface. Particularly, the vehicle running in coastal areas or seriously-polluted areas should be washed once a day.
- Wipe the vehicle with a piece of clean and soft wiping cloth or sponge to prevent introducing metal chips and sand particles. To avoid leaving scratches, do not wipe the vehicle with a piece of dry cloth, towel or sponge. Wipe the vehicle along with the water flow direction and from top to bottom. Do not wipe the vehicle in a circular or transverse way.
- Some special traces (of asphalt, bird droppings, insects, etc.) which are highly corrosive should be removed in time. Be sure to use special detergent to remove these traces. To prevent causing damage to the painted surface, do not scrape these traces with a knife blade or remove them with gasoline.
- Do not touch the painted surface of vehicle body with greasy hand, or wipe the painted surface with a piece of greasy wiping cloth at will. To prevent causing any chemical reaction, do not place a greasy tool or wiping cloth containing organic solvent on the vehicle body.
- To prevent causing color nonconformity or poor bonding, do not conduct secondary paint spraying if the painted surface has no obvious scratches.
- For long-time parking, the vehicle should be parked in the garage or at a well-ventilated place. In addition, the vehicle should be parked with a special cover in winter. For temporary parking, the vehicle should be parked at a shady and cool place.
- Prevent causing strong impact, bumping and scratches on paint film of the vehicle body. It is recommended to have the painted surface with scratches, indentations or peels repaired by a BYD authorised service provider without delay.
- Use graphite powder detergent to clean plated metal parts and regularly wax them for protection.
- Use high-quality detergent to clean trims on the vehicle body. To prevent penetrating the paint coat, do not apply wax forcefully.
- Regularly wax the painted surface for protection (once a quarter) and contact a BYD authorised service provider for maintenance to recover the brightness and glossiness of the painted surface of vehicle body.

Cleaning of Vehicle Exterior

Wash the vehicle as per the normally used vehicle washing method

- Driving under the following conditions will cause peel-off of the paint coat or corrosion of the vehicle body and parts, so the vehicle must be washed at once:
  - » When driving in a coastal area.
  - » When driving on a road distributed with antifreeze agent.
  - » When any coal tar, resin, bird dropping or dead body of insect is left on the vehicle body.
  - » When driving in the areas containing a large amount of smoke, coal ash, dust, scrap iron or chemical substances;
  - » When the vehicle is obviously contaminated by dust and mud.

- Method of manual cleaning:
  - » Wash away loose dirt with a water hose, and wash off all mud or road salt and alkali at the bottom of vehicle body and in the recessed positions of wheels.
  - » Wash the vehicle with a special washing agent, the mixing of which should be conducted according to the washing agent manufacturer's specifications. Dip a piece of soft cloth into the cleaning solution and then clean the vehicle, but do not wipe it forcefully. Remove dirt with soapy water and clean water.
  - » Wash the vehicle thoroughly, because soapy water will leave stripes after drying. Be sure to fully wash all vehicle parts with clean water after washing the vehicle in hot days.
  - » To prevent leaving water stains, wipe the vehicle body with a clean and soft towel until the vehicle becomes dry. Avoid forceful wiping or pressing. Otherwise, the painted surface may be scratched.
  - » Be sure to wash the vehicle at a shady and cool place and after the vehicle fully cools down.
  - » Wash the part under the floor or the chassis carefully to avoid getting your hand injured.

WARM TIP

- During washing, do not flush the vehicle or allow water to enter the trunk, so as to prevent water from flowing into the driver's cab.

Wheel trims

Plastic wheel trims are easily damaged by organic substances. If any organic substance splashes onto the trims, be sure to wash off the organic substance and check if the trims have been damaged.

WARM TIP

- Do not install any wheel trims that have been seriously damaged. Otherwise, wheel trims may fly away from wheels when the vehicle is running, causing an accident.

Bumpers

During washing, be careful and do not wipe bumpers with detergent that contains any abrasive material, because the front face of bumpers is soft.

Aluminum wheels

Aluminum wheels can only be washed with neutral soapy water or neutral detergent.

Road asphalt

- Wash off road asphalt with turpentine or the detergent labeled as not damaging painted surface.

WARNING

- Do not use organic substances (such as gasoline, kerosene, volatile oil or powerful solvent). Otherwise, poisoning of human body or damage to the vehicle will be caused.

CAUTION

- To avoid damaging electrical electronic components, such as motor controller and battery, avoid water entering them when washing the vehicle.

- Automatic vehicle washing station
  - » Note that some types of brush, unfiltered washing water or washing procedure not set in the washing machine may lead to scratches on the painted surface when you have your vehicle washed at an automatic vehicle washing station. Scratches on the painted surface will reduce the surface durability and glossiness, especially for dark-color vehicles. The service man of automatic vehicle washing station will tell you the proper washing procedure.

WARNING

- If the vehicle is to be re-painted and parked in a high-temperature workshop, the vehicle's plastic bumper should be removed, because high temperature may damage the bumper.

Combination light

- To prevent battery from lacking in power, do not turn on lights for a long time before the vehicle is started.
- To ensure normal heat dissipation of front and rear combination lights, vent holes are provided behind these lights. When the temperatures of or the temperature difference between the inner side and outer side of a light, fog or condensate water will form inside the light cover. This is a normal physical phenomenon, not a failure of the front or rear combination light.
- Never wipe the surface of combination lights with gasoline, ethyl alcohol, lacquer thinner, carbon tetrachloride and other chemical solvents when cleaning the combination lights. Otherwise, cracking of combination light covers will be caused.

Waxing

- It is recommended to polish and wax the vehicle body (once a month) to keep its polished surface as bright and clean as a new one. Be sure to wax the vehicle body if the surface of vehicle body shows poor water resistance.
- Be sure to wash and wipe dry the vehicle body before waxing. It is required to do so even if the compound of detergent and wax is used.
- Use high-quality polishing agent and vehicle wax. If the vehicle's polished surface is found with serious wreathing effect, the synthetic cleaning and polishing agent is not recommended. Observe the manufacturer's specifications carefully and take specified preventive measures. The chrome plated surface should be polished and waxed the same as the painted surface.
- Re-waxing of the vehicle should be performed if the water remains on the painted surface in a large area and does not form water drops.

WARNING

- If the vehicle is re-waxed and parked in a high-temperature painting and waxing workshop, the vehicle's plastic bumper should be removed, because high temperature may damage the bumper.

Cleaning of Vehicle Interior

Do not let water flow onto the vehicle floor when washing the vehicle. Water may enter audio components and other electric components on or beneath carpets (or seat cushions), which will cause malfunction of these components and corrosion of the vehicle body.

Carpet

- Use a high-quality foam detergent to clean the carpet.
- Remove the dust with a dust collector as far as possible. Several types of foam detergent can be used. Some are contained in spray cans, and others are powder or liquid, which produce foam after being mixed with water. Clean the carpet with a piece of sponge or a brush with foam. Wipe the carpet in a circular way.

- Do not wash the carpet with water. Keep the carpet dry to the greatest extent. Read and strictly observe the instructions for corresponding detergents.

Seat belt

Seat belt can be washed with mild soapy water or lukewarm water. Wipe the seat belt with a piece of sponge or soft cloth. Check if the seat belt has any excessive wear, penetration or trace of cut when washing it.

CAUTION

- Do not wash the seat belt buckle with colorant or decolorizer (as the strength of seat belt will be weakened by doing so).
- Do not use the seat belt before it becomes dry.

Doors and windows

- Doors and windows can be washed with any ordinary household detergent.
- Use a piece of wet and soft cloth to clean the A/C control panel, all parts of audio system, the instrument panel, the control panel and all switches.
- Dip a piece of clean and soft cloth into water or lukewarm water, and then use it to wipe off the dust.

CAUTION

- When cleaning the inner side of rear windows, take care not to scratch or damage the electric heating elements or their joints.
- Do not use organic substances (such as solvent, kerosene, ethyl alcohol and gasoline) or acid or alkaline solution. Otherwise, color change, contamination or peel-off of surfaces will be caused by these chemical substances.
- If a detergent or polishing agent is used, be sure to confirm that its compositions do not contain some of the above-mentioned substances.

Cleaning of leather trims inside the vehicle

- Leather trims can be washed with the neutral detergent for cleaning wool textiles.
- Wipe off the dust by using a piece of soft cloth with 5% neutral detergent for cleaning wool textiles. After that, wipe off the residual detergent with a piece of clean wet cloth. Put the leather at a well-ventilated, shady and cool place to let it dry.
- It is recommended to send your vehicle to a BYD authorised service provider for washing.

WARM TIP

- Do not wash leather trims with organic substances such as volatile oil, ethyl alcohol and gasoline, or acid or alkaline solution, as they will cause color fading of the leather.
- Using a brush or man-made fiber cloth will damage the good patterns on the leather surface.
- Dirty leather trims always produce mildew. Pay special attention to avoiding greasy dirt and always keep the trims clean.
- Long-time exposure to the sun will cause surface hardening or shrinking of leather. Therefore, be sure to park the vehicle at a shady and cool place, especially in summer.
- Avoid placing any objects made of plastics or materials containing wax on the trims in hot summer, because temperature inside the vehicle rises up easily. Otherwise, color fading of the leather will be caused.

- Air freshener
  - » It is preferred that solid air freshener or deodorant should be used, as some liquid air freshener contains chemical components that may cause fracture or color fading of inner trims.
  - » Make sure that liquid air freshener is properly fixed if used, so as not to spill when the vehicle is running.
- Corrosion prevention

  There are usually two reasons why the vehicle is corroded.
  - » One is moisture accumulated in vehicle body holes: Gaps and holes at the bottom of the vehicle are liable to accumulate moisture and therefore susceptible to corrosion.
  - » The other is the peel-off of protective paint and coating from the vehicle body surface and bottom, resulting in vehicle susceptible to corrosion. Regular maintenance helps to protect the vehicle from corrosion.
- Repair the vehicle paint immediately after paint peel-off or scratch is found.
- Check and clean the doors and the drain holes at the bottom of the vehicle body.
- As the carpet and mattress retain moisture for a long time, especially in the winter, check the humidity of the floor covering in time.
- Wash the bottom of the vehicle with water cannon. This is especially important for the vehicle traveling on road with antifreeze salt in winter. This is also a good method for the vehicle driven in an area where the weather is wet and sea breeze is prevalent; regularly check and repair anti-corrosion surface on the lower part of the vehicle.

DIY Maintenance

Precautions for DIY maintenance

If you want to conduct maintenance of the vehicle by yourself, be sure to properly observe the procedure provided in this section. This section only provides information on simple maintenance. It is recommended that you have some maintenance items conducted by a BYD authorised service provider.

- When the motor is running, keep body, clothes and tools away from rotating fans and drive belt. Take off articles such as ring, watch and necktie.
- Take care and do not touch components in the front compartment of vehicle that just stalls because some are very hot.
- If the motor is very hot, do not remove or loosen the expansion tank cover, so as to prevent burn.
- Do not leaving inflammables such as paper or cloth in the front compartment. Otherwise, a fire may be caused easily.
- Make sure that the power is turned off if you have to work near the radiator fan or the radiator cap. If the temperature of motor coolant rises and/or the air conditioner is turned on when the power is on, the radiator fan will start working.
- To avoid causing a fire, never smoke near the motor, alternator and battery.
- When handling the battery, be sure to take special care; do not connect the anode and cathode.
- Nobody is allowed to get to the place beneath the vehicle when it is only supported by a jack delivered with the vehicle. If it is necessary to work beneath the vehicle, be sure to support the vehicle with a secure strut or device.

- Make sure that the ignition switch is turned off if you have to work near the electric cooling fan or the radiator. If the temperature of motor antifreeze is very high or the air conditioner is on when the ignition switch is turned on, the motor cooling fan may start working automatically.
- Working on or beneath the vehicle requires use of goggles to avoid damages.
- Take care when refilling brake fluid because it will damage eyes and painted surfaces. If any brake fluid comes into contact with the skin, wash the skin with soapy water immediately; if it splashes into your eyes, immediately wash the eyes with clean water and then go to the hospital at once.
- Glass washing fluid, steering fluid and brake fluid are inflammable and should be kept away from fire source.
- Any overflowing coolant or brake fluid should be washed off with water to prevent causing damage to any component or painted surface.

Operating Habits to Save Electricity

Ways to save electricity and extend the service life of the vehicle

- It is simple and easy to save electricity. This is also helpful to extending the vehicle's service life. The following are some main points for saving electricity and maintenance & repair cost:
  - » Keep the tyre pressure at a correct level. Insufficient tyre pressure will result in wear of tyres and waste of electricity.
  - » Do not load unnecessary weight onto the vehicle. Excessive weights will add the load of powertrain, resulting in the consumption of a large amount of energy.
  - » Accelerate the vehicle slowly and steadily. Avoid quick starting, abrupt acceleration, and abrupt deceleration.
  - » Avoid unnecessary stopping or braking of the vehicle. Keep driving the vehicle at a constant speed. Drive according to traffic signal lights, or drive on a passage way without traffic signal lights. Keep a proper driving distance with the vehicle ahead to avoid emergency braking. This can also reduce the wear of brake.
  - » Avoid driving in the area with heavy traffic or traffic congestion as far as possible.
  - » Keep driving the vehicle at a proper speed on expressways. The higher the speed is, the more the energy will be consumed. Energy consumption can be saved by keeping driving the vehicle at a proper speed.
  - » Keep correct alignment of the front wheels. Avoid causing collision with kerbstones and drive slowly on bumpy roads. Misalignment of front wheels will not only cause too fast wear of tyres, but also lead to addition of load and energy consumption to the powertrain.
  - » Keep clean of the vehicle chassis and make it free of mud, etc. This can not only reduce the vehicle weight, but also prevent corrosion.
  - » Adjust the vehicle and keep it in the best working state. Regular maintenance must be carried out to keep a long service life of each part and reduce its operation cost. Frequent maintenance should be carried out for the vehicle if it is often driven under severe conditions.
  - » Shallow charge and discharge should be adopted during charging (keep the electric quantity of the electric vehicle within the range of 15% - 80%) to extend the battery life.

- The user may refer to the following main points of application to use this vehicle in a better and more economical way:
  - » Avoid abrupt acceleration and deceleration operations and keep the vehicle running at a constant speed as far as possible, and rationally utilize the energy. Observe the power output by controlling the accelerator pedal during driving. Control the power output to be 10 kW approximately to the greatest extent. Reference can be made to the transient power value displayed on the instrument.
  - » Avoid depressing the brake pedal during braking. Slowly depressing the brake pedal can increase the energy of regenerative brake and extend the driving range. It is proved by test that the energy of regenerative brake can extend the driving range by 10%~15%.
  - » The power consumption of air conditioner also takes a part in the energy consumption of the service vehicle. Therefore, when the air conditioner is started, windows should be closed and the air speed should be suitable to reduce power consumption of the air conditioner and extend the driving range of the complete vehicle.

Lights

Calibration of headlights

Before delivery of a new vehicle from the factory, the headlights have been calibrated. If you often use the vehicle to carry heavy objects, the headlights may need to be re-calibrated. It is recommended to have headlights calibrated by a BYD authorised service provider.

Moisture in lights

- After heavy rain or washing, the headlights, tail lights or turn signals in exterior rearview mirrors may have moisture appearing inside. This phenomenon is similar to condensation on inner side of windows in raining and does not indicate a fault in your vehicle.
- Each light is a relatively confined and narrow space and when it is lit, its temperature will become very high (cover, mirror and others are liable to deform at a high temperature); therefore, heat dissipation is needed for the lights. To meet the requirements of heat dissipation of the lights when lit, heat dissipation holes are provided in each light housing for heat dissipation via convection with the surroundings. A higher temperature difference will cause more active convection. During convection, water vapor in the air will inevitably enter the light. Affected by factors such as sun exposure, convection and bulb heating, water vapor in the air is liable to condense into mist or water drops when encountering light surface with a lower temperature, known as vehicle light condensation.

WARNING

- When the headlight bulbs illuminate, they will become very hot. Grease, sweat or scratches on the surface of the bulbs will cause the headlights to overheat and break.

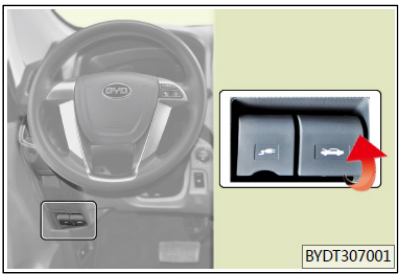
WARM TIP

- If moisture appears on the inner side of the headlights or turn signals in exterior rearview mirrors, the reason may be high air humidity or large difference between inside temperature and outside temperature. In this case, turn on the headlights or turn signals when driving; the moisture in the lights will disappear a short time later.
- If there is obvious accumulated water in any light, please drive the vehicle to a BYD authorised service provider for maintenance in time.

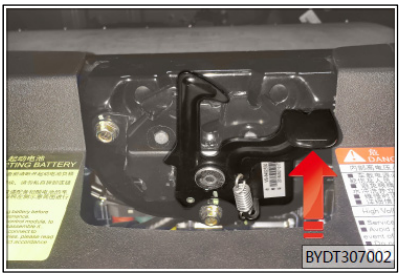
Front Compartment Hatch

Opening of front compartment hatch

- By pulling up the opening button of front compartment hatch, the front compartment hatch will pop up slightly.



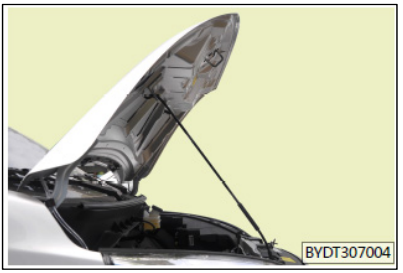
- In the front of the vehicle, pull up the fixing rod of auxiliary front compartment hatch.



- Lift up the front compartment hatch.



- Support the front compartment hatch with a stay bar to keep the hatch opened.



WARM TIP

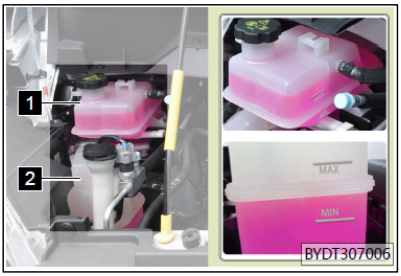
- Make sure that the front compartment hatch is closed and locked securely before driving; otherwise, the front compartment hatch may open unexpectedly during driving, causing an accident.
- After inserting a stay bar, ensure that the stay bar can securely support the front compartment hatch to prevent it from sliding down, injuring your head or body.

Closing of front compartment hatch

Before closing the front compartment hatch, be sure to check if any tool, cotton cloth, etc. has been left inside the front compartment. Retract the stay bar to the clip to prevent squeaking. Next, lay down the front compartment hatch and confirm if it is locked in place. If necessary, gently press the front edge to lock it.



Coolant



1 Battery coolant expansion reservoir

2 Motor coolant expansion reservoir

- A satisfactory coolant level in the expansion reservoir should be between the “MAX” (maximum fluid level) and "MIN" (minimum fluid level) marks.
- If the coolant level is below the lower limit mark, refill the coolant to the upper limit (MAX) mark. Check if the cooling system leaks.
- Always use the coolant same as those applied to the vehicle from the manufacturer. It is unnecessary to add any blending agent. Do not mix antifreeze of different brands and models.

CAUTION

- Do not add any rust inhibitor or other additives to the cooling system, because the additives may be incompatible with coolant or motor components.
- Be sure to confirm that the motor, high-voltage electronic control integrated module, expansion reservoir and radiator have cooled down before opening the expansion reservoir cover.

WARM TIP

- Opening the expansion reservoir cover before the motor is completely cooled may cause spraying of the coolant, which will result in serious scald.

Windscreen Washing Fluid



- During the period of normal service, check the fluid level in the fluid reservoir of windscreen washer at least once a month.
- If the washer is used frequently in bad weather, check the fluid level in the fluid reservoir of windscreen washer more frequently.
- Add high-quality windscreen washing fluid, which can improve the decontamination ability and prevent freezing in cold weather. When refilling washing fluid into the fluid reservoir, dip a piece of clean cloth into windscreen washing fluid and then clean the windscreen wiper blades with the cloth. This is helpful to making the cutting edges of wiper blades be in a good service condition.

CAUTION

- Do not add motor antifreeze or acetic acid solvent to the fluid reservoir of windscreen washer.
- Antifreeze will damage the paint on vehicle surface and acetic acid solvent will damage the windscreen washing motor.
- It is recommended to use commercially available windscreen washing fluid.
- Clean the windscreen and wiper blades regularly (once a week or once every two weeks is recommended).
- Use a special windscreen cleaning agent to clean the windscreen.
- Wipe any mud or dead body of insect on the windscreen with a piece of wiping cloth in time.
- Maintain the windscreen in time if any gravel hitting pits are found on it (repair resin or similar product for windscreen is suggested for pits, and the windscreen should be replaced if there are too many or large scars).

Brake Fluid

- A satisfactory fluid level should be between the lower limit (MIN) and the upper limit (MAX) marks on the wall of fluid reservoir. If the fluid level is at or below the lower limit (MIN) mark, it is necessary to check whether the brake system pipeline leaks and whether brake pads are worn.



WARM TIP

- Check the fluid level in the fluid reservoir once a month.
- The brake fluid should be replaced according to the running time and mileage specified in the maintenance schedule.
- It is recommended to use DOT 4 brake fluid of the same type as BYD's original brake fluid, because brake fluid of another type is not applicable to the vehicle's brake system. For brake system and clutch system, the same type of brake fluid should be used.

Battery

- Check the battery once a month to see if anode and cathode terminals are loose, if the battery case is damaged or bulged, and if the battery is securely installed and fixed.



WARNING

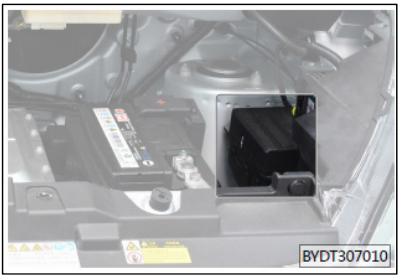
- No non-professional personnel is allowed to disassemble or remove the battery. Please contact a BYD authorised service provider for dissembling and removal.
- If the battery case is damaged or bulged, it is recommended to contact a BYD authorised service provider for handling.

WARM TIP

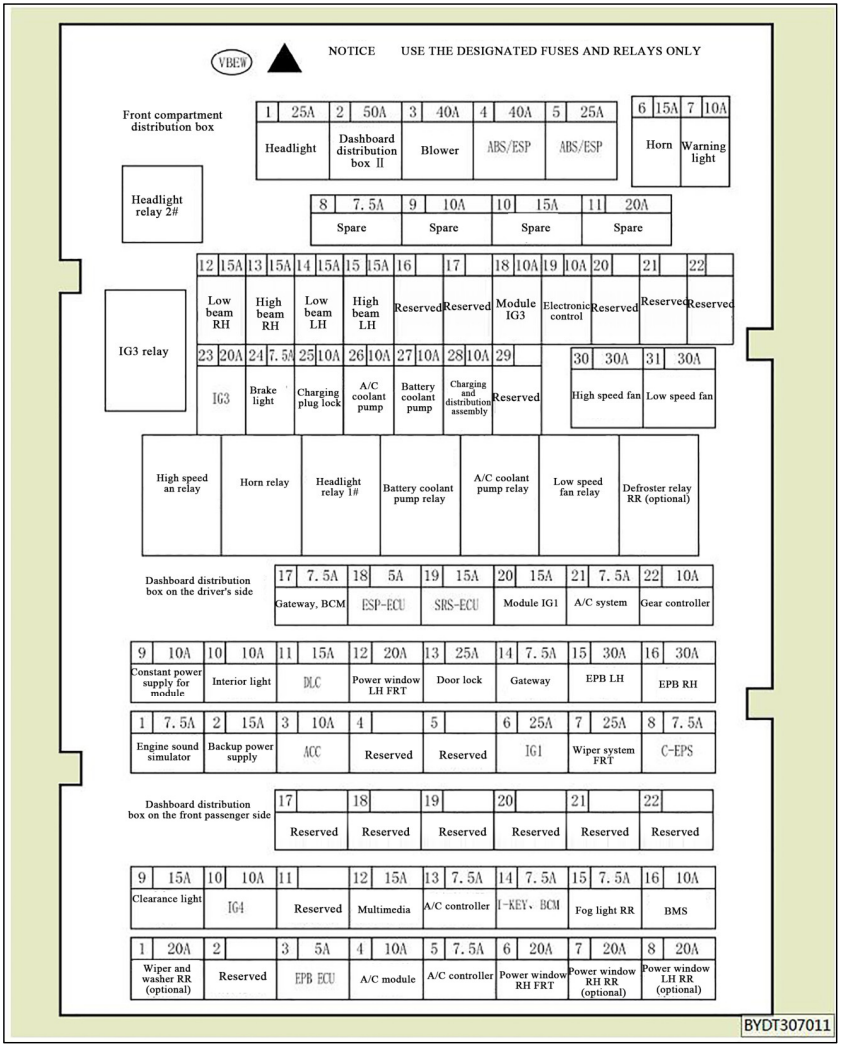
- Do not use on-board electrical appliances such as the audio system, navigation system (if any), A/C blower, and lighting system for a long time while the motor is off. Otherwise, it may cause over-discharge of the battery, resulting in failure to start the motor, or in severe case, permanently damage the battery.
- Before you leave the vehicle, make sure that all doors have been closed and all electrical appliances have been turned off.

Fuse

- All electric circuits on the vehicle are provided with fuses to prevent causing short circuits or over-load operation.
- The interior fuse box is located at the dashboard on the driver's seat/front passenger's side. This box can be seen once the lower shield of the dashboard is removed.
- The front compartment fuse box is located on the left side of the motor compartment. If you want to open this box, just press the lock latch as shown in the figure.
- The fuse box label is located on the inner side of upper cover of front compartment distribution box.



Label of front compartment fuse box



Fuse distribution in front compartment distribution box

No.	Ampere	Component or Circuit Protected
1	25A	Headlight
2	50A	Dashboard distribution box Ⅱ
3	40A	Blower
4	40A	ABS/ESP
5	25A	ABS/ESP
6	15A	Horn
7	10A	Warning light
8	7.5A	Spare fuse
9	10A	Spare fuse
10	15A	Spare fuse
11	20A	Spare fuse
12	15A	Right low beam
13	15A	Right high beam
14	15A	Left low beam
15	15A	Left high beam
16	/	Reserved
17	/	Reserved
18	10A	Module IG3
19	10A	Electronic control
20	/	Reserved
21	/	Reserved
22	/	Reserved
23	20A	IG3
24	7.5A	Brake light
25	10A	Charging plug lock
26	10A	A/C coolant pump
27	10A	Battery coolant pump

No.	Ampere	Component or Circuit Protected
28	10A	Charging and distribution assembly
29	/	Reserved
30	30A	High speed fan
31	30A	Low speed fan

Fuse distribution in dashboard distribution box on the driver's side

No.	Ampere	Component or Circuit Protected
1	7.5A	Engine sound simulator
2	15A	Backup power supply
3	10A	ACC
4	/	Reserved
5	/	Reserved
6	25A	IG1
7	25A	Front wiper system
8	7.5A	C-EPS
9	10A	Constant power supply for module
10	10A	Interior light
11	15A	DLC
12	20A	Front left power window
13	25A	Door lock
14	7.5A	Gateway
15	30A	Left EPB

No.	Ampere	Component or Circuit Protected
16	30A	Right EPB
17	7.5A	Gateway, BCM
18	5A	ESP-ECU
19	15A	SRS-ECU
20	15A	Module IG1
21	7.5A	A/C system
22	10A	Gear controller

Fuse distribution in dashboard distribution box on the front passenger's side

No.	Ampere	Component or Circuit Protected
1	20A	Rear wiper and washer (optional)
2	/	Reserved
3	5A	EPB ECU
4	10A	A/C module
5	7.5A	A/C controller
6	20A	Front right power window
7	20A	Rear right power window (if any)
8	20A	Rear left power window (if any)
9	15A	Clearance light (position light)
10	10A	IG4
11	/	Reserved
12	15A	Multimedia
13	7.5A	A/C controller

No.	Ampere	Component or Circuit Protected
14	7.5A	I-KEY, BCM
15	7.5A	Rear fog light
16	10A	BMS
17	/	Reserved
18	/	Reserved
19	/	Reserved
20	/	Reserved
21	/	Reserved
22	/	Reserved

Tyre

For the purpose of safe driving, the model and size of tyres must fit your vehicle model and the tyres must have good tread patterns and suitable tyre pressure.

Inflating

- Keeping proper tyre pressure can provide the best combination of maneuverability, tyre tread life and driving comfort. Using underinflated tyres will result in uneven wear of tyres and affect maneuverability and electricity consumption. More likely, air leakage may be caused due to overheat. Using overinflated tyres will reduce the riding comfort, cause damage to tyres more easily due to uneven road surface, and result in uneven wear of tyres.
- Recommended tyre pressure in cold state is indicated on the tyre label (pasted on the driver's door frame).

Check



- Check whether tyres are scratched, punctured and worn every time when checking the inflation state of tyres.
  - » The corresponding tyre should be replaced if any damage and swelling of tyre tread or tyre wall is found.
  - » The corresponding tyre should be replaced when the tyre cord fabric or cord thread can be seen after scratches, cracks or fracture on the tyre wall.
  - » The corresponding tyre should be replaced in case of excessive wear of tyre tread.

WARM TIP

- Keep proper tyre pressure to avoid:
  - » Low tyre pressure (underinflated);
  - » Excessive wear;
  - » Abnormal wear;
  - » Heavy steering;
  - » Overheated tyre, resulting in air leakage;
  - » Tyre bead sealing performance reduced;
  - » Wheel deformed / separated from tyre;
  - » High tyre pressure (overinflated);
  - » Control difficulty;
  - » Excessive wear of tyre tread centre;

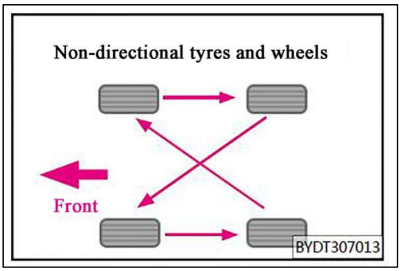
- A wear mark is provided inside the tyre tread. When the tyre tread is worn to this mark, you will see a strip sign stretching across the tyre tread. The strip sign means that the thickness of tyre tread is less than 1.6 mm. A tyre worn to this degree has very small adhesive force on a wet and slippery road. If three or more wear marks appear on the tyre tread, the corresponding tyre should be replaced.

Maintenance

- In addition to proper inflating, correct wheel alignment is helpful to reducing wear of tyre tread. It is recommended to contact a BYD authorised service provider for checking the wheel alignment status if any uneven wear of tyre is found.
- Balance test of tyres has been done before delivery of the vehicle. If you feel a kind of continuous vibration when driving, it is recommended to contact a BYD authorised service provider for inspection. If any tyre was repaired or replaced before, carry out dynamic balance test of the tyres.

Tyre rotation

- To prolong the service life of tyres and achieve even wear of tyres, tyre positions should be rotated once every 10,000 km. Rotate the tyres to the positions shown in the right figure each time.
- The right figure indicates how to rotate the tyres to specified positions.



WARNING

- Do not use radial tyres, bias belted tyres or diagonal ply tyres on the vehicle in a mixed way.
- Do not install any tyres other than those with the size recommended by the manufacturer.

Antiskid chain

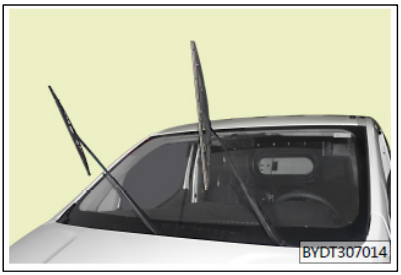
- Snow antiskid chains are for use only in emergency cases or when the vehicle is driven through specific regions explicitly provided in law.
- Snow antiskid chains should be installed on front wheels. Be more careful when driving the vehicle equipped with snow antiskid chains on a road covered by ice or snow. Some snow antiskid chains may damage tyres, wheels, suspensions and body of the vehicle. Therefore, fine antiskid chains should be selected to provide a sufficient and free space between tyres and other parts in wheel guards.
- Carefully check and read the component assembly drawings and other instructions of the antiskid chain manufacturer.
- It is recommended that you consult the BYD authorised service provider from which you bought the vehicle, before you buy antiskid chains and install them on the vehicle.
- After antiskid chains are installed, the vehicle should be driven at a speed lower than 30 km/h on a road covered by ice or snow.
- To minimize wear of tyres and antiskid chains, be sure to avoid installing antiskid chains on the vehicle and driving it on a road not covered by ice or snow.

WARM TIP

- Drive the vehicle at a speed not exceeding 30 km/h or the speed limit specified by the antiskid chain manufacturer, whichever is smaller.
- Drive carefully and pay attention to bumps, holes and sharp turns, which may cause the vehicle to jump.
- Avoid sharp turns or wheels lock-up in braking when driving the vehicle equipped with antiskid chains, and slow down before taking turns to avoid the accidents due to loss of control over the vehicle.

Wiper

Check the conditions of wiper blades at least once every six months to see if there is any cracking or local hardening of the rubber. If any, replace the corresponding wiper blades. Otherwise, the use of defective wiper blades will leave strip patterns or stains on the windscreen.



CAUTION

- Do not open the front compartment hatch when wiper arms are pulled up. Otherwise, both the front compartment hatch and wiper arms will be damaged.

Wiper blade

Wiper blades are made of synthetic rubber and they are wearing parts. Various service environments of the vehicle and using habit of the driver may cause damage to wiper blades. To ensure the service life of wiper blades and the running safety of vehicle, be sure to observe the following precautions.

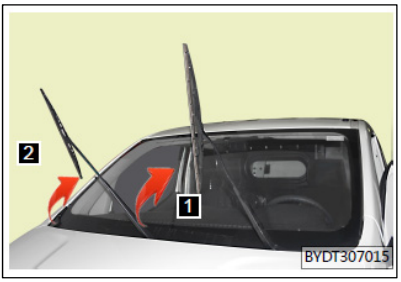
- Do not use wiper blades to remove the ice on the windscreen surface. Instead, a special ice scraper should be used.
- Do not scrape on dirty, greasy or waxy windscreen surface.
- Keep the windscreen surface clean. Do not scrape the dust, sand, insects and foreign objects on the windscreen surface.
- It is unnecessary to wax the windscreen during vehicle washing and paint maintenance of vehicle body, because the wax film will reflect light in the environment with poor light ray, which may affect the visual range and driving safety.
- After vehicle washing, rinse wiper blades with purified water and remove the wax film on the windscreen with a special cleaning agent for glass wax film.
- During vehicle washing, do not directly wash wiper blades with water cannon, so as to prevent damage to wiper blades due to excessively high water pressure.
- Replace wiper blades at regular intervals (once half a year is recommended).
- Wiper arms must be lifted up before cleaning the windscreen.
- It is also recommended to wipe the windscreen with wiper blades (once a day or once every two days) even if there is no rainfall.
- Be sure to keep the windscreen sufficiently wet when wiping the windscreen with wiper blades (in case of no rainfall, the washing fluid must be sprayed on the windscreen in advance).

Method to replace wiper

1. Pull up the wiper arm from the windscreen.

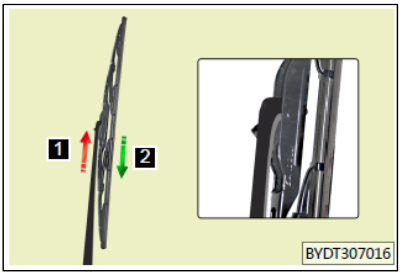
   1 Pull up the wiper arm at the driver's side.

   2 Then pull up the wiper arm at the front passenger's side.

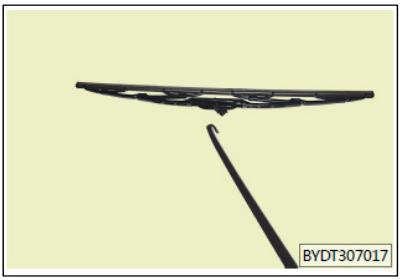


2. 1 Press the clamping pin at the hook (if three section blades are provided, push the elastic piece at the hook upward below the blade) and hold the blade to remove it as per the direction shown in the figure.

   2 Next, move the wiper blade to take the wiper lever hook out of the blade. Thus, the whole wiper blade is taken off.



3. Install a new wiper blade as per the operations in an order reverse to that for taking out the wiper blade.



Storage of Vehicle

The following preparations should be made if it is necessary to store the vehicle for a long period (of more than one month). Proper preparations are helpful for preventing the deterioration of vehicle conditions and easy for restarting the vehicle.

- Park and store the vehicle indoor as far as possible.
- Thoroughly clean and dry the outer surface of the vehicle.
- Clean the interior of the vehicle and make sure that the carpet and mat are completely dry.
- Release the parking brake. Set the gear to R position (for the vehicle model equipped with a manual transmission) or P position (for the vehicle model equipped with an automatic transmission).
- Uphold the vehicle body with a jack support to make all tyres leave the ground.
- Open a vehicle window for a little gap (in the case of indoor storage).
- Disconnect the battery cathode wire.
- Place a piece of folded towel or cloth under the front wiper arms to make sure they do not contact with the windscreen.
- To reduce the possibility of sticking, spray silicone lubricant on sealing strips of all doors and the trunk lid and apply vehicle body wax onto the painted surface where it may contact with the sealing strips of all doors and the trunk lid.
- Cover the vehicle body with breathable coverings made of porous materials such as cotton cloth, because non-porous materials like plastic cloth may damage the surface paint of the vehicle body.
- If the vehicle is not to be used for an extended period of time, it is recommended that it be charged and driven once every 3 months to prolong the service life of the power battery.

08 When Failure Occurs

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When Failure Occurs

WARM TIP

- If the vehicle needs to be stopped in emergency, please wear the reflective vest equipped with the vehicle in time.

Towing of Vehicle

If towing of the vehicle is necessary, contact a professional towing service provider or an organization providing roadside rescue service that you have joined.

WARNING

- Never have your vehicle towed by another vehicle using ropes or iron chains only.

Three common vehicle towing methods

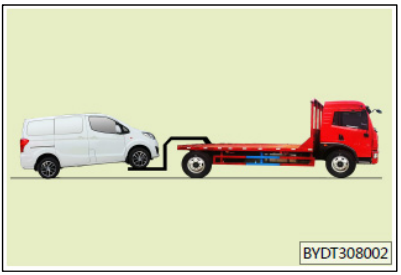
Flatbed device

- The operator will load your vehicle onto a truck. This is the best way to tow your vehicle.



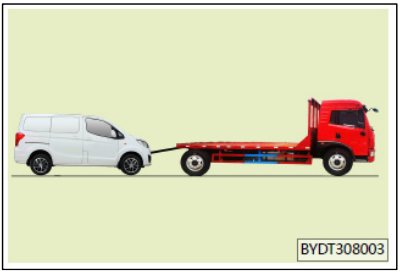
Wheel lifting device

- A tow truck uses two supporting arms to insert into the bottom of the tyres (front or rear tyres) of the vehicle to lift the wheels off the ground. The other two wheels run on the ground. This is a feasible way to tow your vehicle.



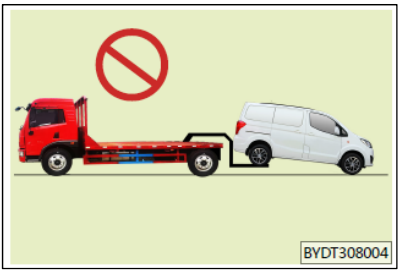
Pull-type towing

- If a towing company cannot be found in the case of emergency failure, your vehicle may be towed by using a towing hook. A decorative blanking cap is provided on the bumper below the right headlight. Remove the blanking cap, take the towing hook out of the tools provided in the vehicle, screw the towing hook into its mounting seat and tighten it, and use a special vehicle towing rope to tow the vehicle. The vehicle must be driven carefully when it is towed.



Forbidden way

The way shown in the figure to tow vehicle is forbidden.



WARM TIP

- If your vehicle cannot be towed by using a flatbed device, it should be towed by a using a wheel lifting device with the front wheels off the ground.

WARM TIP (CONTINUED)

- If your vehicle can only be towed with the front wheels on ground due to damage, the following operation requirement should be met:
  - » Automatic transmission:

    Start the motor.

    Shift the gear to D position and then to N position.

    Release the EPB.

    Turn off the motor.

    Press the START/STOP button to make the vehicle in OK mode, so that the steering wheel will not be locked.
  - » Incorrect towing preparations will damage the transmission. Therefore, the above-mentioned steps should be followed strictly.
  - » When the vehicle is towed with its front wheels lifted off the ground, the towing mileage should not be greater than 80 km, with the speed kept below 55 km/h.

Mounting seat of towing hook

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



CAUTION

- Take special care when towing the vehicle. Avoid sudden startup and unstable driving operations, which may exert great stress on the emergency towing hooks and ropes (chains) and cause them to break, further resulting in personal injury or damage to the vehicle.
- The driver has to drive the vehicle to be towed, and operate the brake.

WARM TIP

- It is not recommended to tow your vehicle by using a towing hook. You'd better contact a professional towing service provider or the organization providing roadside rescue service that you have joined.
- Only the towing hook delivered with the vehicle can be used. Otherwise, your vehicle will be damaged. Do not tow the vehicle at its tail with all four wheels on the ground; otherwise, your vehicle will be damaged.

Shutdown of Motor during Driving

- Be sure to gradually slow down the vehicle and keep the vehicle running in a straight line. Carefully drive the vehicle off the road and to a safe place.
- Turn on the hazard warning lights.
- Restart the motor.

Vehicle Over-temperature

- If the motor coolant thermometer indicates over temperature, the motor is subject to degradation in power performance, or a very loud knocking sound or bang-bang sound is heard, the motor may be overheated. In this case:
  - » Safely drive the vehicle off the road, stop the vehicle, turn on the hazard waning lights, press the "P" button and pull up the EPB switch. Make sure that the A/C system is turned off.
  - » If coolant or vapour is spraying out of the radiator or expansion tank, stop the motor, wait until no more vapour emits and then open the front compartment hatch. If there is no coolant or vapour spraying out, keep the motor running and check whether the radiator fan is working. If not, turn off the START/STOP button.
  - » Check if visible coolant leaks from the radiator, hoses and underneath the vehicle. However, it is normal to find water drops coming from a working air conditioner.
- If coolant leaks are found, immediately shut down the motor. In this case, contact a BYD authorised service provider.
- If no visible coolant leaks are found, check the expansion tank of coolant. If coolant level is found to be below the MIN mark, fill coolant into the expansion tank with the motor running, to the level between MIN and MAX marks.
- Wait for the motor coolant temperature to drop to the normal range, and then check the coolant level in the expansion tank again. Fill coolant again to the level between MIN and MAX marks if necessary. If the coolant level is far below the MIN mark, there is definitely a leak in the system. In this case, it is recommended to immediately contact a BYD authorised service provider for inspection.

WARNING

- Spraying out of vapour or coolant indicates a very high pressure. To avoid causing personal injury, keep the front compartment hatch closed until no vapour sprays out.
- Do not open the radiator cap when the temperature of motor and radiator is still high, as the spraying of high-temperature vapour and liquid will cause serious personal injury.

WARM TIP

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

HV Components and Treatment in Case of Accident

- The EV system applies direct current with the voltage higher than 300 V. The system will produce a lot of heat before and after starting the vehicle and when the vehicle is powered off. Pay attention to the effect of high voltage and high temperature.

- Do not disassemble, move or change HV battery components and connection wires, because the connector can cause serious burn or electric shock and may possibly lead to personal injury or even death. Connection wires in orange color are HV wiring harness. The user is not allowed to repair the vehicle's HV system. If any repair is needed, it is recommended to drive your vehicle to a BYD authorised service provider.

Emergency Shutdown System

- If the following conditions are met, the emergency shutdown system will be activated and the HV system will shut down automatically:
  - » Any airbag failing to open upon a frontal or lateral collision;
  - » Some rear collisions;
  - » Some EV system faults;
- If above-mentioned collisions and some EV system faults occur, the driving ready indicator will turn off.
- The risk of leading to injury or unexpected event can be minimized as the emergency shutdown system can be activated after the occurrence of above-mentioned collisions. Once the emergency shutdown system is activated, the EV system could not be switched to the ready state. In this case, contact a BYD authorised service provider. The system will shut down immediately even if the power switch is shifted to the ready state. Therefore, prudently drive your vehicle to the nearest BYD authorised service provider, or contact a BYD authorised service provider as soon as possible.

Rescue after Vehicle Fire

- If your vehicle catches fire, operate the vehicle continuously as per the following methods and based on actual conditions:
  - » Set the vehicle power to the OFF mode and disconnect the 12V battery in the front compartment if conditions are permitted.
  - » Seek a dry powder fire extinguisher nearby.
  - » If the vehicle fire is small and spreads slowly, put out the fire with a dry powder fire extinguisher and make a call for help at once.
  - » If the vehicle fire is fierce and spreads rapidly, keep away from the vehicle without delay and wait for rescue.

CAUTION

- Be sure to wear insulating gloves when disassembling the vehicle. Put out fires with specified types of fire extinguishers. Attempt to extinguish fire with water or incorrect fire extinguishers may cause electric shock or other accidents.
- As objects (such as interior trims and glass) may fly out of the vehicle under other special conditions, keep away from the vehicle and notify a BYD authorised service provider for on-site handling.

Rescue after Battery Leakage

- After a vehicle collision, follow the following operations if any fluid leaks from the battery, alkali liquor odor exists in the vehicle, obvious alkali liquor flows out of the vehicle, or battery pack emits smoke from inside:
  - » Set the vehicle power to the OFF mode and disconnect the 12V battery in the front compartment if conditions are permitted.
  - » Call a BYD authorised service provider for rescue.
- If case of a collision, operate your vehicle as per the following methods and based on actual conditions:
  - » Set the vehicle power to the OFF mode and disconnect the 12V battery in the front compartment if conditions are permitted.
  - » Call a BYD authorised service provider for rescue.
  - » If conditions are permitted, the user can carry out simple inspection; check whether the edge of power battery tray is cracked and whether there is visible liquid flowing out.
- In case of a little leakage, keep the vehicle away from source of ignition. Adsorb the leaking fluid with a fluid adsorption cushion and put the cushion into an enclosed container or burn the cushion. Be sure to wear corrosion protection gloves before operation. In case of plenty of leakage, collect the leaking fluid and treat it as dangerous chemicals. The toxic gas can be treated by adding calcium gluconate solution.
- If any part of human body contacts with the leaking fluid, immediately wash the contacted part with plenty of water for 10~15 min. If the sufferer feels pain, apply 2.5% calcium gluconate ointment onto the contacted part, or dip the contacted part into 2~2.5% calcium gluconate solution to relieve pain. If these methods fail to relive pain or any uncomfortable signs and symptoms appear, seek medical attention at once.

WARNING

- Do not touch the fluid leaking out. Keep away from the leaking vehicle or power battery.
- Do not discard the leaking fluid collected into water, soil and other environments at will.

Squeal or Friction Noise (Brake Pad Wear Indicator)

- Contact a BYD authorised service provider to check and replace the brake pad.
- If the brake pad is not replaced in time when necessary, the brake disc will be damaged.
- The brake pad is only suitable for front wheel brake. If the brake pad and brake disc are worn moderately, the braking force for front wheels will be increased. At the same time, the brake disc will wear out faster than conventional brake discs. Therefore, it is recommended that the thickness of brake disc should be measured when the brake pad is replaced.
- If the brake pad and brake disc are worn beyond the limit, the driving will be very dangerous.

Wheel Stuck in Snow, Mud or Sand

If the vehicle is stuck in snow, mud or sand, try to push the vehicle forward and backward to get it out.

WARM TIP

- Do not move the vehicle by pushing it forward and backward if there is any person or object near it. The reason is that the vehicle may get out of the trap and move forward or backward suddenly when you push it, resulting in personal injury or damage to the object nearby.

Flat Tyre

- Be sure to gradually slow down the vehicle and keep the vehicle running in a straight line. Drive the vehicle away from the crowded traffic to a safe place. Avoid stopping the vehicle on the central fork of an expressway.
- Pull up the EPB switch  and press the “P”  button.
- Power off the vehicle and turn on the hazard warning lights.
- Be sure to have all passengers get off the vehicle and ask them to go to a safe place away from crowded traffic.
- To prevent the vehicle from sliding, place a stopper block under the tyre in diagonal direction of the tyre to be replaced.

WARNING

- Do not continue to drive the vehicle with flat tyres. Even if the vehicle runs for a short distance, the tyres will be damaged to an irreparable extent.

Tools delivered with the vehicle

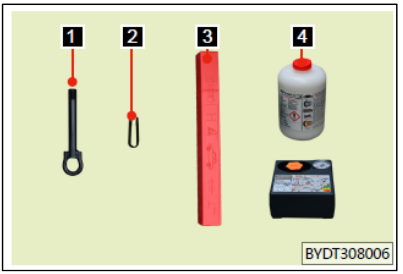
- Tools are stored under the cover plate in the trunk.

1 Towing hook

2 Wheel nut removal clamp

3 Warning triangle

4 Tyre repair device



Be sure to get familiar with the operating methods of various tools and know where they are placed when DIY repair is needed in emergency cases.

Placing warning triangle

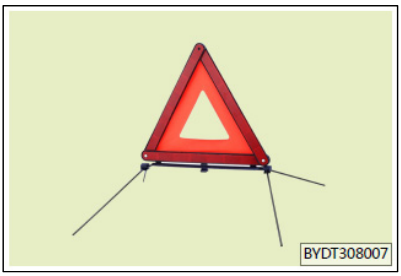
WARM TIP

- When you park and repair your vehicle on a public road, remember to place a warning triangle 100 ~ 200 m behind your vehicle, with its red side facing the heading direction to warn the following vehicle drivers and prevent the occurrence of any dangerous condition. After repair, take back the warning triangle for use in the future.

The warning triangle is used to warn the following vehicle drivers and prevent the occurrence of any dangerous condition due to overspeed or failure of the following vehicles in braking timely and any collision with the front vehicle that is parked or being repaired.

Method for using the warning triangle:

1. Take all pieces of the warning triangle out of the packing box.
2. Assembly these pieces into an enclosed triangle.
3. Release the support of warning triangle to its working state, as shown in the figure.



Using tyre puncture sealant

- Tyre puncture sealant can seal small cuts, especially those in the tread pattern. Repairing a tyre with tyre puncture sealant is only an emergency solution that enables you to drive to a nearest maintenance center; even if the tyre does not leak, only short-distance driving is allowed in an emergency condition.
- The tyre puncture sealant kit includes a sealant bottle, inflator pump, sticker indicating the maximum allowable vehicle speed and instructions.

WARNING

- Tyre puncture sealant is only suitable for repairing small damage of a tyre. If a wheel is damaged, do not use tyre puncture sealant.
- Tyre puncture sealant is highly flammable and harmful to health. When it is used, open flame and smoking is prohibited. Avoid contact with skin, eyes and clothing. Keep it in a place away from children; do not inhale the steam.

WARNING

In case of contact with tyre puncture sealant

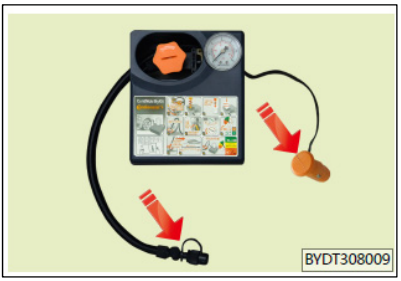
- If the tyre puncture sealant comes into contact with the skin or eyes, immediately wash the affected part with plenty of water thoroughly.
- Immediately replace contaminated clothing. If you have an allergic reaction, seek medical attention immediately.
- If tyre puncture sealant is swallowed, immediately rinse the month thoroughly and drink plenty of water, do not induce vomiting; seek medical attention immediately.

Applying tyre puncture sealant

1. Attach the sticker from side of the kit to the most conspicuous area of the steering wheel.



2. Take out the inflator hose and power plug of the inflator pump.



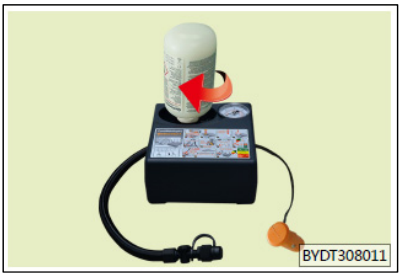
3. Twist off the sealant bottle cap and the cap at the interface between the inflator pump and the sealant bottle.



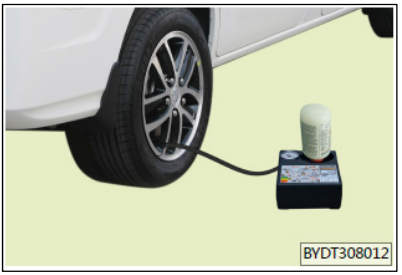
WARM TIP

- To prevent the sealant from splashing, do not tear off the foil from the sealant bottle.

4. Screw the sealant bottle opening clockwise onto the bottle holder of the inflator pump until it is tightened.



5. Twist off the tyre valve stem cap and clean the valve stem. Remove the protective cap from the inflator pump hose and screw the hose onto the tyre valve stem.



6. Insert the power plug into the interior 12V socket, start the vehicle and turn on the inflator pump switch. The tyre puncture sealant will be pumped into the tyre via the inflator pump hose together with air.

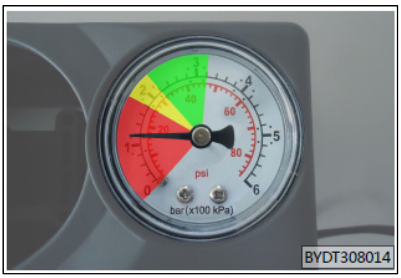


WARM TIP

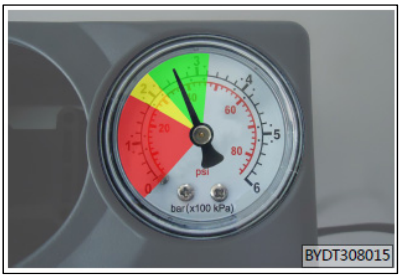
- Make sure the inflator pump switch is off when inserting the power plug into the interior 12V socket.
- The inflator pump can stay on for 10 min at most.

7. Observe the reading of the tyre pressure gauge on the inflator pump.

- If the tyre pressure does not reach 180kPa (red zone shown in the figure) within 10 min, turn off the inflator pump and contact a BYD authorised service provider.

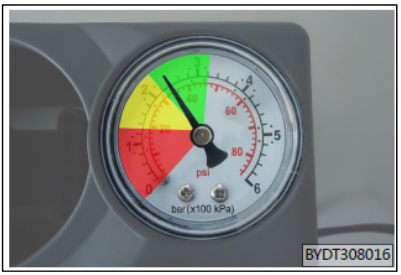


- If the tyre pressure is in the range of 180~320kPa (yellow and green zones shown in the figure), remove the kit as soon as possible, and within 1 min, start driving the vehicle at a speed lower than 80km/h for a distance not exceeding 10 km to allow the tyre puncture sealant to be uniformly distributed in the tyre.



8. Stop the vehicle and observe the tyre pressure.

- If the tyre pressure is greater than 220kPa (green zone shown in the figure), drive the vehicle at a speed lower than 80km/h to a nearest service provider.
- If the tyre pressure is in the range of 130~220kPa (yellow zone shown in the figure), repeat steps 6 and 7.
- If the tyre pressure does not reach 130 kPa (red zone shown in the figure), contact a BYD authorised service provider.



WARM TIP

- Repairing a damaged tyre with tyre puncture sealant is an emergency solution only. Please replace the tyre in a professional maintenance center as soon as possible (it is recommended that you contact a BYD authorised service provider) and tell a professional technician that the tyre has tyre puncture sealant inside.
- Avoid quick acceleration or turning at a high speed.
- Follow the limit requirement of maximum vehicle speed of 80km/h.
- After repairing a tyre with the tyre puncture sealant kit, it is recommended that you purchase a new tyre puncture sealant and inflator hose from a BYD authorised service provider.

09 Vehicle Specifications

Vehicle Identification Number (VIN)..... 168
Specifications..... 171

Vehicle Identification Number (VIN)

Vehicle Identification

VIN plate

Vehicle identification number (VIN) is for the owner's registration. A - I in the following figure are the positions of VINs.

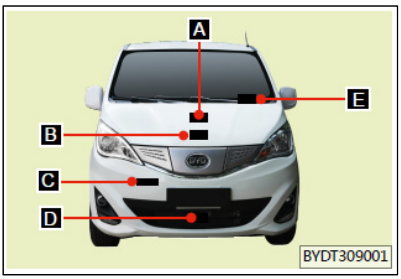
A Pasted on motor controller housing

B Pasted at the front edge of inner plate of the front compartment hatch

C Imprinted below the front passenger's seat

D Pasted on upper groove of front anti-collision beam

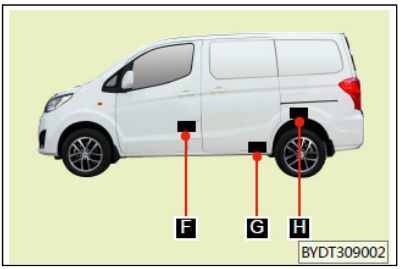
E Pasted at the left lower corner of front windscreen



F Pasted to sheet metal surface of left front door pillar

G Pasted on sheet metal of left slide door sill

H Pasted on left rear wheelhouse



I Pasted on the left side of trunk lid

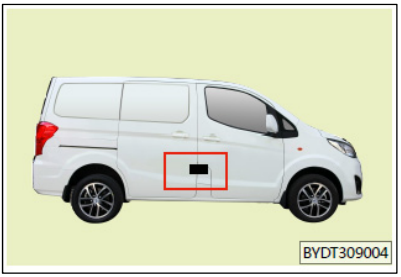


WARM TIP

- You may connect a VDS to the vehicle, select the vehicle model and read the VIN on the right upper corner. For details, please refer to the VDS manual.

Vehicle nameplate

The vehicle nameplate is located 15 cm below the lock ring on front right door.

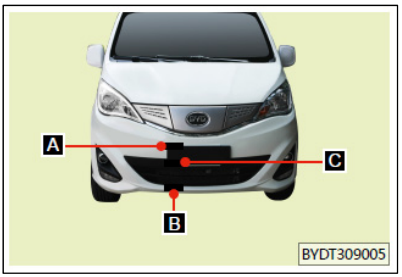


Drive motor model and number

A The drive motor model and number are provided on the end cover of front compartment motor controller.

B The drive motor model and number are provided below front compartment motor housing.

C The drive motor model and number are provided on the side of the motor housing below the water pipe connecting the front compartment motor and controller.



Vehicle rubbing film

The rubbing film is placed in the vehicle storage box.

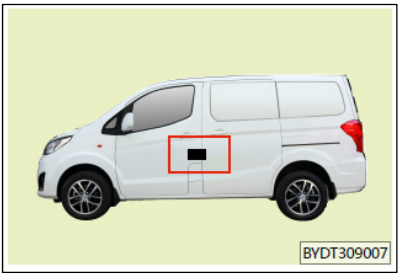
Transmission model and number

The transmission model and number are imprinted on the left outer transmission housing which is located on the lower left side of front compartment.



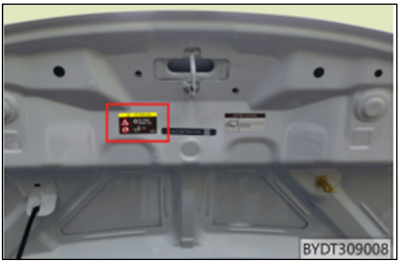
Instruction label for tyre pressure

The instruction label for tyre pressure is provided 2 cm under the lock ring on the left front door.



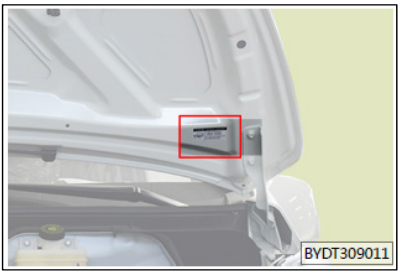
A/C filling and cooling fan labels

The labels for the A/C and cooling fan are pasted on the near of engine hood lock ring.



Instruction label for battery position

The indication labels for battery positions are pasted near the engine hood lock ring.



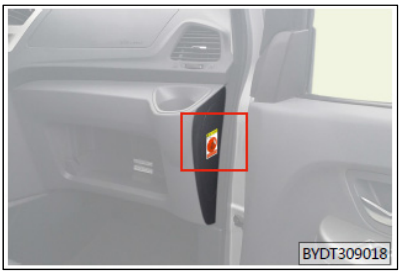
Warning label for air bag

The warning label for air bag is provided on inner and outer surfaces of sun visor.



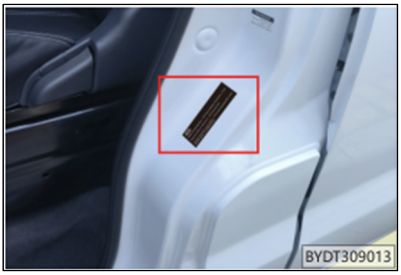
Warning label for air bag

The warning label for air bag is provided on the right side of dashboard lower body and below the plane of the cup holder.



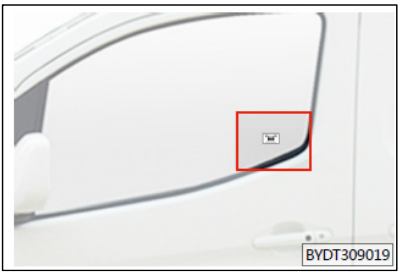
EU agent information label (if any)

The EU agent information label (if any) is located below the left B-pillar tyre pressure label.



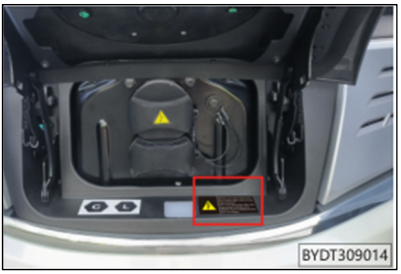
Anti-theft label

The anti-theft label is provided on the left of right lower vertex of left / right front door window.



Charging port prompt label

The charging port prompt label is located on the platform in front of the charging port.



Microwave Window

The electronic vehicle identification microwave window is located at the right upper side of the front windscreen.



CAUTION

- Paste the electronic vehicle identification to an area without overlapping the glass frame or any other object.

Specifications

Vehicle Parameters

Product model/name			BYD5030XYZBEV1 BYD5030XXYBEV2
Overall dimensions (mm)	Length * width * height		4460*1720*1875
Tread (mm)	Front * rear		1490*1533
Wheelbase (mm)			2725
Weight (kg)	Curb weight		1610
	Axle load	Front axle	912
		Rear axle	698
	Maximum allowable gross weight		2530
	Axle load	Front axle	1158
		Rear axle	1372
Tyre	Specification		195/60R16C
	Tyre pressure (kPa) (front/rear tyre)		250/340
Dynamic balance requirement for wheel (g)			<10
Wheel alignment parameters (under kerb weight)	Front wheel camber (°)		-0° 10′ ± 45′
	Front wheel toe-in (mm)		0±1
	Kingpin inclination angle (°)		9° 55′ ± 45′
	Kingpin caster angle (°)		4° 40′ ± 45′
	Rear wheel camber (°)		-1° 30′ ± 30′
	Rear wheel toe-in (mm)		3±5

Free travel of brake pedal (mm)		≤10
Approach angle/departure angle (°)		20/20
Front / rear overhang (mm)		825/910
Number of allowable passengers		2
Reasonable service range of brake friction pair (mm)	**Front friction material**	2~11
	Rear friction material	3~10
	Front brake disc	26~28
	Rear brake disc	9~11
Maximum design speed (km/h)		100
Maximum gradeability (%)		20
Drive motor model		BYD-1814TZ-XS-B
Rated power / speed / torque of drive motor (kW / rpm / N•m)		35/4775/70
Peak power / speed / torque of drive motor (kW / rpm / N•m)		100/12100/180
Drive type		Front-wheel drive
Power battery	**Type**	NMC battery
	Rated capacity (Ah)	115

Notes: 1. Actual fuel consumption is related to such factors as vehicle conditions, road conditions and driving habit.

2. The vehicle body width excludes the width of exterior rearview mirror.

Product model/name			BYD5030XYZBEV2 BYD5030XXYBEV3	BYD6450VBEV1
Overall dimensions (mm)		Length * width * height	4460*1720*1875	
Tread (mm)		Front * rear	1490*1533	
Wheelbase (mm)			2725	
Weight (kg) Tyre	Curb weight		1700	1780
	Axle load	Front axle	926	940
		Rear axle	774	840
	Maximum allowable gross weight		2620	2305
	Axle load	Front axle	1171	1050
		Rear axle	1449	1255
	Specification		195/60R16C	
	Tyre pressure (kPa) (front/rear tyre)		250/340	250/300
Dynamic balance requirement for wheel (g)			≤10	
Wheel alignment parameters (under kerb weight)	Front wheel camber (°)		-0° 10′ ± 45′	
	Front wheel toe-in (mm)		0±1	
	Kingpin inclination angle (°)		9° 55′ ± 45′	
	Kingpin caster angle (°)		4° 40′ ± 45′	
	Rear wheel camber (°)		-1° 30′ ± 30′	
	Rear wheel toe-in (mm)		3±5	
Free travel of brake pedal (mm)			≤10	
Approach angle/departure angle (°)			20/20	

Front / rear overhang (mm)		825/910	
Number of allowable passengers		2	4/7
Reasonable service range of brake friction pair (mm)	**Front friction material**	2~11	
	Rear friction material	3~10	
	Front brake disc	26~28	
	Rear brake disc	9~11	
Maximum design speed (km/h)		100	
Maximum gradeability (%)		20	
Drive motor model		BYD-1814TZ-XS-B	
Rated power / speed / torque of drive motor (kW / rpm / N•m)		35/4775/70	
Peak power / speed / torque of drive motor (kW / rpm / N•m)		100/12100/180	
Drive type		Front-wheel drive	
Power battery	**Type**	NMC battery	
	Rated capacity (Ah)	115	

Notes: 1. Actual fuel consumption is related to such factors as vehicle conditions, road conditions and driving habit.

2. The vehicle body width excludes the width of exterior rearview mirror.

Vehicle external dimensions and trunk dimensions



Vehicle external dimensions			4460*1720*1875 mm
Volume			3.4 m^3
Trunk	**Dimensions**	**Depth**	1900 mm
		Width (Min/Max)	1200/1390 mm
		Height	1200 mm
Dimensions of trunk lid (W×H)			1230*1275 mm

A

A/C System 116
Adjustment Button 45
Adjustment of Front Seat 61
Adjustment of Rear Seat 62
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