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Towing Precautions

specifications, loads, road conditions, and trailer specifications. For driving safety, do not speed or overload the vehicle.

- The total towing weight must not exceed the limits below:

Towing Capacity

- The towing capacity depends on various factors such as vehicle

Item	Parameter (kg)	Note
Maximum towing capacity (braked)	750 (rear-wheel drive)	Maximum towing capacity when the trailer is braked
	1500 (four-wheel drive)	
Maximum towing capacity (unbraked)	750	Maximum towing capacity when the trailer is unbraked
Maximum vertical load	75 (rear-wheel drive)	Maximum vertical load on ball joint
	150 (four-wheel drive)	

1. The maximum towing capacity equals the total trailer weight, which includes all cargo and additional equipment.
2. Maximum vertical load refers to the downward pressure exerted by the weight of the trailer on the trailer hitch when the vehicle and the trailer are stationary.

WARNING

- The driver must be qualified for towing the total vehicle mass (including the vehicle and trailer).
- The vertical load on the device connecting the towing vehicle and the trailer must be at least 4% of the total trailer weight or 25 kg (whichever is heavier), without exceeding the maximum allowable vertical load on the ball joint of the trailer. Unbalanced loads on the trailer wheels or heavier loads at the rear may cause the trailer to sway, resulting in loss of vehicle control.
- Make sure no one rides in the trailer during towing.

WARNING

- The maximum gradeability allowed is 12% during towing.
- Always ensure that the cargo is secured in the trailer and cannot move. Moving cargo may cause loss of vehicle control, resulting in serious injury or death.
- To avoid potential accidents and serious injury, never exceed the maximum towing capacity or the maximum vertical load.
- To avoid loss of vehicle stability or danger, never attempt to tow a trailer when:
 - Using a faulty tire.
 - Using a temporarily repaired tire.

! WARNING

- Using a spare tire.
- Please observe applicable local laws and regulations regarding towing. Never modify the vehicle.
- When the trailer is equipped with an electromagnetic brake, confirm with the trailer manufacturer for the installation method of the electromagnetic brake synchronizer.
- BYD does not assume any responsibility for damage or injuries resulting from towing a trailer due to failure to comply with trailer towing guidelines. Damage caused by towing a trailer is not covered by warranty.

! CAUTION

- When the vehicle is loaded with equipment, passengers, or cargo, the allowable vertical load is reduced, which decreases the towing capacity. In towing mode, the gross vehicle weight rating (GVWR, printed on the vehicle nameplate) must not be exceeded.

Tire Pressure During Towing

- To tow a trailer, adjust the tire pressure to accommodate additional loads. Keep front tires inflated to 290 kPa and rear tires to 310 kPa.
- For towing, the technically permissible maximum mass on the rear axle may be exceeded by up to 15% and the technically permissible laden mass of the vehicle may be exceeded by up to 100 kg. In such cases, the vehicle speed must not exceed 100 km/h, and the

rear tire pressure must be at least 20 kPa above the pressure recommended for normal driving conditions.

Side Mirrors and Holders for Towing

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

! WARNING

- Do not tow a trailer in the break-in period.
- Before towing, be sure to:
 - Inflate tires to the specified cold tire inflation pressure.
 - Adjust the interior rearview mirror and side mirrors to provide clear rear views without significant blind spots.
 - Keep the towing vehicle and the trailer horizontal when the trailer hitch is used. If the connection device tilts after connection, confirm that the vertical load of the trailer is within the allowable range of the towing vehicle.
 - Check that trailer lights and turn signals operate normally.
 - Check that the trailer brake works normally.
 - Check that all trailer hitch components, accessories, and

WARNING

electrical connectors are in good condition and properly connected. If any problems occur, do not tow the trailer.

- Check that wheel chocks are available.
- Check that the trailer loads are evenly distributed.
- Place heavy objects in the trailer as near the axle as possible to prevent them from swaying and thus interfering vehicle traveling.
- Make sure the trailer cable does not contact or drag on the ground and has enough slack for turning.
- Store the trailer hitch properly when it is not used.
- Starting to drive:
 - Start the vehicle smoothly and avoid sudden acceleration or emergency braking, or the vehicle may be out of control due to slipping, especially on a slippery road.
 - Crosswinds or rough roads can cause vehicle sway, leading to difficulties in controlling the vehicle. In any situation, whenever you notice any slight sway of the vehicle, hold the steering wheel firmly with both hands and slow down gradually. Never attempt to eliminate sway by increasing the speed.
 - An unloaded towing vehicle combined with a loaded trailer will cause improper load distribution. If this is unavoidable, drive slowly.
- Braking:

WARNING

- Sudden braking may cause slipping, bottom scratches, or loss of control.
- Be sure to at least double the normal following distance because the vehicle braking distance increases during towing.
- Overtaking:
 - Towing a trailer requires a longer distance to overtake.
- Reversing:
 - Be careful to operate and reverse at low speed because reversing while towing is difficult.
- Turning:
 - When making a turn, signal in advance, avoid bumps or sudden turns whenever possible, and keep the vehicle steady.
 - While turning, ensure a larger radius than usual to prevent the trailer from colliding with curbs, road signs, trees, or other obstacles.
- Parking on a slope:
 - Avoid parking on a slope. If this is absolutely necessary, the gradient must not be greater than 12% and be sure to chock the wheels:
 1. While one person presses and holds the brake pedal, a second person places wheel chocks under the wheels on the downhill side.
 2. When chocks are in place, release the brake pedal and ensure the chocks can bear the weight of the vehicle

WARNING

and the trailer (with the automatic vehicle hold, or AVH, disabled).

3. Shift into Park and ensure that the electronic parking brake (EPB) has been activated.

- If parking on a slope is necessary, always ensure that all trailer wheels are securely chocked. Failure to do so can result in serious vehicle damage, personal injury, or death.

CAUTION

- Towing a trailer can negatively impact the driving economy, durability, and battery consumption.
- When a trailer is coupled, it is normal for the trailer's LED taillights to flash slightly.

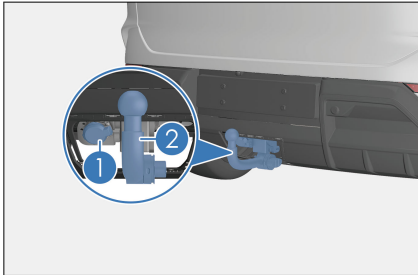
General Towing Troubleshooting

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

Trailer Hitch Instructions

Equipment

- ① Electrical connection plug
- ② Trailer hitch

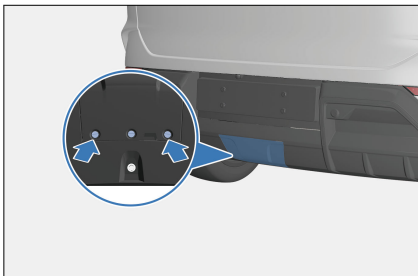


! REMINDER

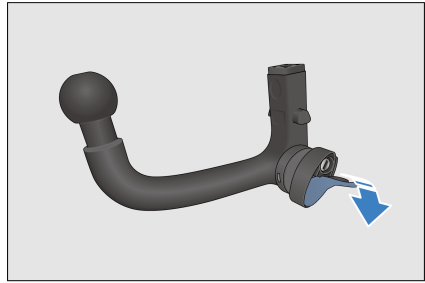
- To avoid rusting, store the trailer hitch properly after use.

Installing the Trailer Hitch

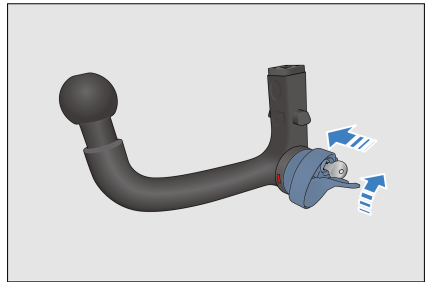
1. Take out the trailer hitch from the storage bag.
2. Remove the guard plate from the bottom of the rear bumper.



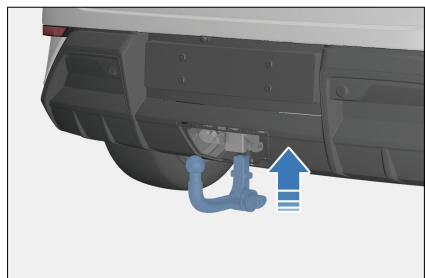
3. Pull up the hitch housing dust cover.



4. Insert the key into the hitch's locking cylinder and turn it counterclockwise.
5. While pressing and holding the knob switch, turn it clockwise to the red area.

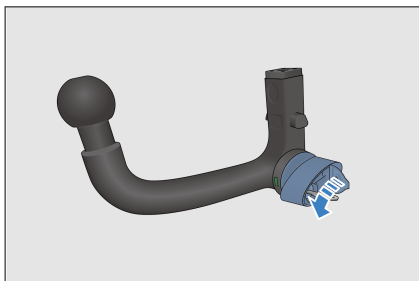


6. Firmly grasp the hitch from the bottom and align the rectangle marks on both sides of the hitch with the corresponding cutouts in the built-in electrical connector.



7. Push the hitch into the built-in electrical connector and turn the knob switch counterclockwise by about 110° to lock it into the closed position. The

knob switch is now turned to the green area.



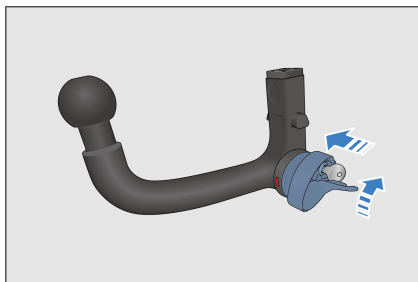
8. Check that the hitch is fully inserted into the built-in electrical connector. Try pulling down on the hitch to confirm that the hitch does not drop.
9. Turn the key clockwise to lock the hitch, then remove the key, and store it properly.
10. Close the dust cover to prevent dirt and debris.

WARNING

- Use a trailer hitch that matches the vehicle.
- The hitch is for towing trailers only. Do not use it to get unstuck or tow trapped vehicles as this may cause vehicle damage and even personal injuries.

Removing the Trailer Hitch

1. Insert the key and turn it counterclockwise.
2. While pressing and holding the knob switch, turn it clockwise to the red area.



3. Remove the hitch, turn the key clockwise to lock the hitch, and then remove the key.
4. Store the hitch safely.

WARNING

- Be careful when turning the locking cylinder. If it does not lock into the open position, it automatically retracts to the original closed position and may pinch your fingers.

CAUTION

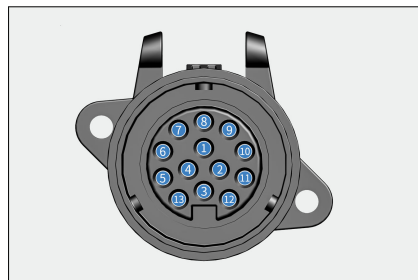
- Do not grasp the locking cylinder because it needs to rotate freely.
- The key can be removed only if the hitch is locked. Do not use the hitch if the key is not removed.

REMINDER

- If the hitch does not lock into the housing, it may fall out when being pulled down.
- To maintain the hitch, regularly grease the surface with non-resinous grease.

Electrical Connections

- All trailers are legally required to be equipped with taillights, brake lights, side indicators and turn signals. To provide power for trailer lighting, a built-in 13-pin electrical connector is provided for the hitch. When the vehicle is stationary, inserting the trailer plug into the vehicle electrical connector will automatically activate the towing mode.



- The standard for the power intake port is ISO 11446: 2004. See the table below for the pin functions:

Pin Number	Function	Color
1	Left turn signal	Green/White
2	Rear fog lights	Pink
3	Pins 1-8 GND	Black
4	Right turn signal	White/Red
5	Rear position light and license plate light	Green/Red
6	Parking light	Green/Black
7	Left taillight and license plate light	Blue/Red
8	Reverse light	White
9	12V power supply-permanent	Red
10	12V power supply-switch/ignition	Red
11	Pin 10 GND	Black
12	Reserved for future connection	/
13	Pin 9 GND	Black

WARNING

- Use only the electrical connection device provided by BYD. Do not directly splice or connect the trailer's electrical circuit by other

WARNING

methods. It may damage the electrical system and cause faults.

**CAUTION**

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

Towing Mode

Entering the Towing Mode

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

- Adaptive front lighting (AFL)
- Blind spot detection (BSD)
- Door open warning (DOW)
- Rear cross traffic alert (RCTA)
- Rear cross traffic braking (RCTB)
- Rear collision warning (RCW)
- Automatic emergency braking (AEB)
- Front cross traffic braking (FCTB)
- Intelligent speed limit control (ISLC)
- Traffic sign recognition (TSR)
- Emergency lane keeping assist (ELKA)
- Lane departure warning (LDW)
- Lane departure prevention (LDP)



WARNING

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



CAUTION

- The maximum speed is limited in towing mode to ensure safety.
- In towing mode, unlocking the trunk lid will only release the lock; the trunk will not open automatically.
- In towing mode, the driving mode is Comfort by default and cannot be changed.
- When the vehicle is in Park, disconnect the cable and then shift into other gears to exit the towing mode for driving safety.

Towing Mode Indicator

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

Vehicle Status	Indicator Status	Illustration
Normal	Solid blue	
Abnormal	Solid red	

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

Influence of Trailer Towing on Mileage

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

How to Solve Trailer Sway

- When trailer sway is detected, the electronic stability control system (ESC) applies braking accordingly to reduce the sway. The ESC indicator  flashes on the instrument cluster. When the vehicle brakes automatically for the sway, the indicator will keep flashing even if you step on the brake pedal until the vehicle becomes stable.