



INFORMATION FOR FIRST AND SECOND RESPONDERS



EMERGENCY RESPONSE GUIDE



XPENG G9

BATTERY ELECTRIC VEHICLE

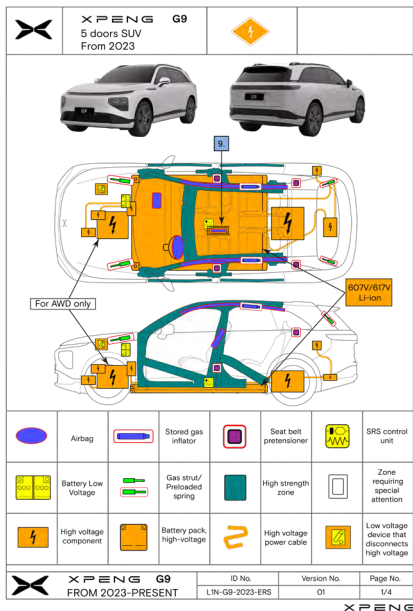


VERSION:01

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0. Rescue sheet



1. Identification/recognition

G9 Identification Logo



LACK OF ENGINE NOISE DOES NOT MEAN VEHICLE IS OFF: SILENT MOVEMENT OR INSTANT RESTART CAPABILITY EXISTS UNTIL VEHICLE IS FULLY SHUT DOWN. WEAR APPROPRIATE PPE.

Vehicles can be identified by the branding on the front and rear of the vehicle.



Vehicle Identification Number (VIN)



1. It is taped to the bottom of the left side of instrument cluster and can be seen through the windshield.

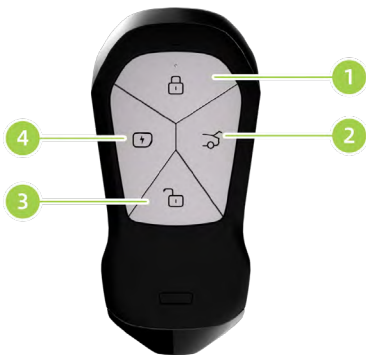


2. It is taped to the inside of the front hood.



3. It is taped at the trunk.
4. It is etched under the front passenger seat.
5. It is taped to the right rear door inner panel.
6. It is taped to the left B-pillar.
7. It is taped at the left rear wheel cover.
8. It is taped to the front cross member of the rear floor under the rear seats.

Smart Key



1. Lock button

Within the effective range (30 m), briefly press this button to lock the whole vehicle.

2. Trunk button

Within the effective range (30 m), press and hold this button to open the trunk or to pause a trunk that is closing.

3. Unlock button

Within the effective range (30 m), briefly press this button to unlock the doors.

4. Charge button

Within the effective range (30 m), double-press this button to turn on the charging port.

2. Immobilisation / stabilisation / lifting

IMMOBILISE THE VEHICLE

1. Chock wheels



When stabilizing the vehicle, be careful not to damage the traction battery.

The absence of noise from the vehicle does not mean that the vehicle is powered off. There is still the ability to resume driving or start before the vehicle is completely powered off. When it is necessary to fix the electric vehicle, switch the gear to P and wedge the wheels.



2. Shift the vehicle to P gear

Press brake pedal and press the P-shift button on the gearshift lever. P-shift is highlighted in the gearshift display area of the ICM, and the vehicle enters P-shift.



LIFTING POINTS

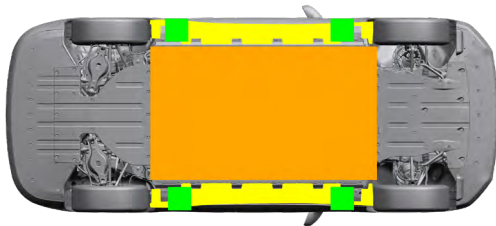


Do not damage the traction battery when stabilizing/lifting the vehicle.



Professional rescuers must be trained by China Fire Protection Association (CFPA) to lift or maneuver vehicles only when wearing the correct personal protective equipment and familiar with the vehicle lifting points. Please pay attention not to touch the traction battery or other high-voltage parts when lifting or manipulating the vehicle.

The traction battery is located at the bottom of the vehicle. The orange part in the figure below is the traction battery. When lifting or stabilizing the vehicle, only the designated lifting area can be used, as shown in green in the figure below.



High voltage battery



Appropriate
stabilisation-lifting
points



Appropriate
stabilisation points
vehicle on side

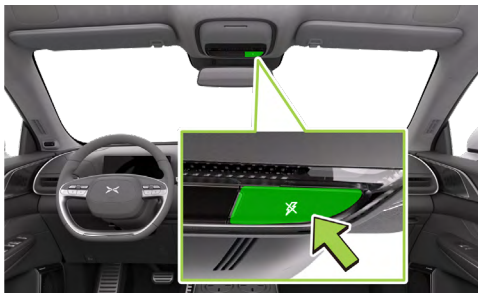
3. Disable direct hazards/safety regulations



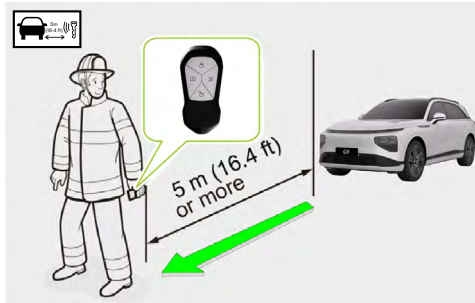
Be aware that not every high voltage component is labelled. Always wear the appropriate PPE. Do not attempt to open the high voltage battery.

The absence of operation noise does not indicate that the vehicle is powered off. It's possible to restore moving or restart until vehicle is fully shut down.

Main Disabling Method



1. Enter the vehicle and press and hold the emergency power-off switch located on the roof switch panel for at least 5 seconds to de-energize the whole vehicle.



2. Carry the smart key away from the vehicle, at least 5 meters away.
3. Open the front hood and disconnect the negative battery cable (see Access To 12V Battery).

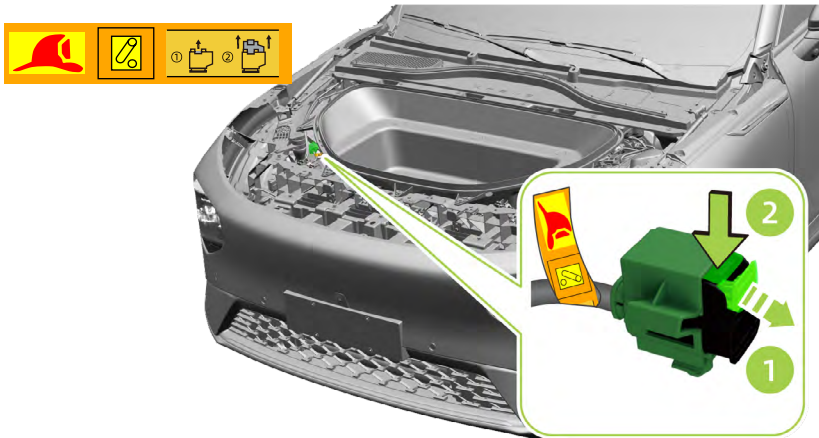
Alternative Disabling Method



1. Pull the front hood handle at the lower left of instrument cluster twice in a row, and the front hood will pop up slightly to complete the unlocking. Lift the front hood upward and the support bar will automatically hold the front hood up.



2. Remove and take out the front trunk interior panel with a suitable tool.

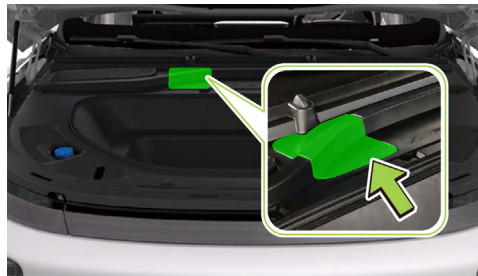


3. Locate the low-voltage service switch on the left side of the front trunk. Pull out the locking mechanism ① along the direction of the moving arrow, and then press the unlocking paddle ② to disengage the low-voltage service switch.

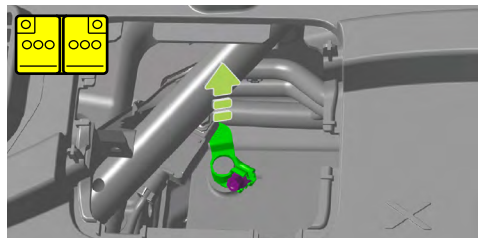
Access To 12V Battery



1. Pull the front hood handle at the lower left of instrument cluster twice in a row, and the front hood will pop up slightly to complete the unlocking. Lift the front hood upward and the support bar will automatically hold the front hood up.

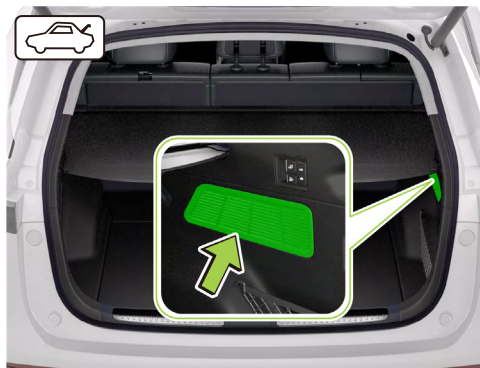


2. Open the 12V battery cover in the location shown with a suitable tool.



3. Disconnect the 12V battery negative cable.

Emergency unlocking of AC charging port



1. Open the trunk and locate the air vent cover located on the right side of the trunk and use the appropriate tool to open the cover at the opening.

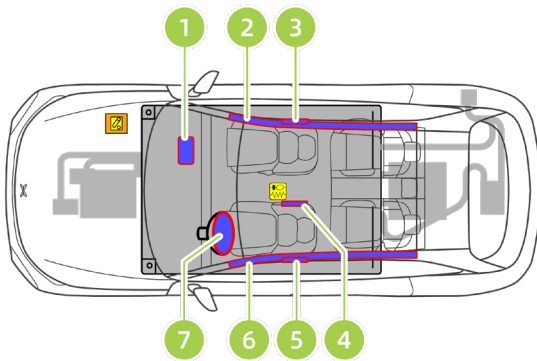


2. Find the emergency unlocking ring of the AC charging port, pull the ring, and then pull out the charger after unlocking.

Airbag

Airbags are located near the area shown.

In the event of an accident in which the airbags are deployed, the high-voltage system will be automatically deactivated. The high-voltage system is de-energised approximately 60 seconds after deactivation.



1. Passenger airbag
2. Right side curtain airbag
3. Front side airbag
4. Far side airbag
5. Front side airbag
6. Left side curtain airbag
7. Driver airbag

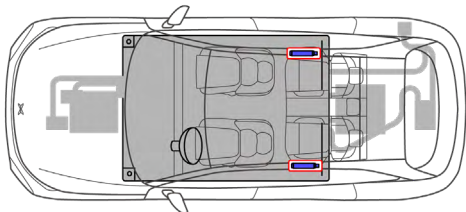


Stored gas inflator



Rescuers shall not cut or squeeze stored gas inflator. Stored gas inflator failure/damage could result in severe damage to the vehicle, or even personal injury or death.

The gas filling tanks (marked in red) are located near the sides of the roof with the air outlets facing the rear of the vehicle.

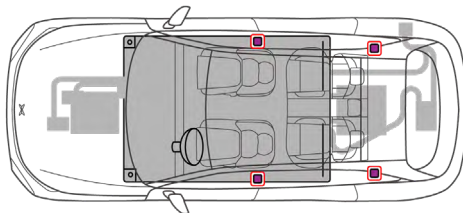


Seat belt pretensioner



Seat belt pretensioners circuitry and mechanical release  may be affected after a crash.

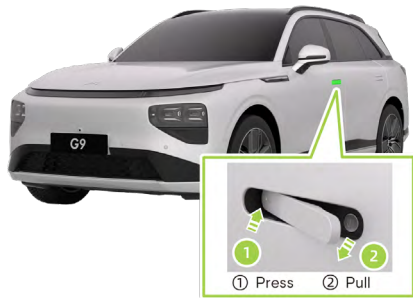
Seat belt pretensioners (marked in red) are located at the bottom of the B-pillar and in the center and outboard side of the second row of seats.



4. Access to the occupants

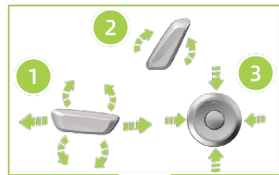
WHEN THE 12 V BATTERY IS DISCONNECTED, ELECTRICAL COMPONENTS CANNOT BE OPERATED.

Door opening



Press the front end of the door handle and pull the rear end of the door handle to open the door.

Seat adjustment



Operate the switch to adjust the driver/front passenger seat:

- 1 Fore and aft of the seat, seat height and cushion angle adjustment (partial configuration).
- 2 Backrest angle adjustment.
- 3 Fore and aft of lumbar support, waist support height adjustment (partial configuration).

Steering column adjustment



After turning on the steering wheel adjustment function:

- 1 Scroll to adjust the height of Steering Wheel.
- 2 Scroll to adjust the Steering Wheel back and forth.



High strength zone

The body is reinforced to protect the occupants in a crash. Cutting or squeezing these areas must be done with the suitable tools. High-strength steel is shown in the figure below.



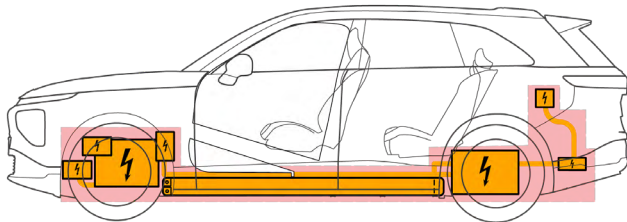
Vehicle cutting area



Regardless of the disablement procedure used, it is important to assume that all high-voltage parts are energized! Cutting, crushing, or touching high-voltage parts can cause severe personal injury or death.

When cutting, always use a suitable tool such as a hydraulic cutter and wear the correct personal protective equipment. Failure to follow these warnings can result in severe personal injury or death.

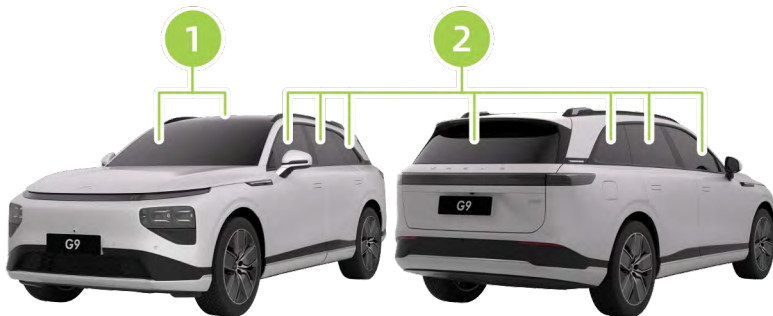
During accident rescue, if it is necessary to cut, expand, or puncture the body parts, care should be taken to avoid high-temperature and high-voltage areas such as airbag-related parts and high-voltage parts. The areas indicated in red in the figure below are prohibited cutting areas.



Prohibited cutting area

Glass types

The windscreen and sunroof glass of the vehicle are made of laminated glass. The side window and rear windscreen are made of tempered glass.



1 Laminated glass

2 Tempered glass

5. Stored energy / liquids / gases /solids

	      	607V/617V
	  	12V
	   	R1234yf 1240g±25g

Battery leakage rescue



If the vehicle is involved in a crash that results in the leakage of traction battery liquid, it should be handled by a professional rescuer, who must wear the correct personal protective equipment and never touch the liquid directly.

When the traction battery leaks (with visible liquid coming out), please handle it as follows:

- If a small amount of electrolyte leaks, keep it away from sources of ignition, adsorb it with an absorbent pad and place it in an airtight container, or dispose of it by incineration.
- In the event of a large spill, collect it and dispose of it as a hazardous chemical. A calcium gluconate solution can be added to treat the toxic gas.

Before the traction battery is safely stored, it is necessary to monitor the temperature of the traction battery throughout the process. If the temperature rises abnormally, it is necessary to physically cool down to prevent fire and explosion. When the human body inadvertently comes into contact with the leaking liquid, it should be immediately flushed with large amounts of water for 10 to 15 minutes. If there is no improvement or symptoms of discomfort appear, seek medical attention immediately.



When coolant leaks from the battery pack, it can become unstable with risk of thermal runaway.



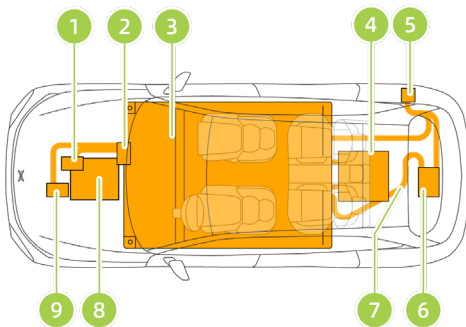
Check battery pack temperature with thermal imaging camera.



High voltage component



If you find that the high-voltage parts are damaged, please wear PPE properly and wrap the damaged parts with insulating tape.



1. PTC
2. 4WD high-voltage distribution box
3. Traction battery
4. Rear electric drive system
5. Charge port
6. CCS/DCDC converter
7. HV wiring harness
8. Front electric drive system
9. Air conditioning compressor



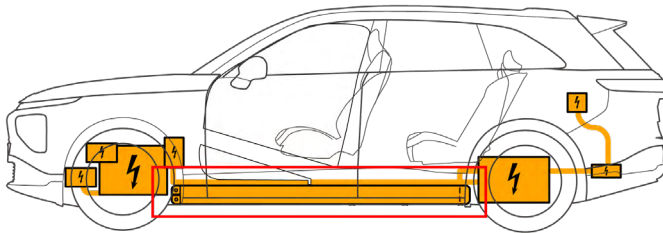
Battery pack, high-voltage



The rated voltage of the traction battery is as high as 607V/617V, high-voltage electricity can cause severe injury or even death to the human body, please pay attention to the danger of high voltage!

Only trained technicians are allowed to remove, check, refit, repair and do other operations on the traction battery and its wiring. Otherwise it may lead to electric shock injury or even death due to improper operation.

The traction battery is installed in the chassis of the vehicle, and when driving through mud, potholes, curbs, higher and wider speed bumps, sidewalk slopes and other special road surfaces during the rescue, you need to be careful to avoid chassis crash resulting in scratches or damage to the traction battery.



Traction battery parameter

Project Name		Standard Range Vehicle Model	Long Range Vehicle Model	Unit
Single battery	Drive type	LFP	NCM	/
	Rated voltage	3.16	3.67 V	V
	Rated capacity	129	159	Ah
Traction battery	Rated voltage	607	617	V
	Rated capacity	129	159	Ah
	Rated energy	78.2	98.0	KWh
	Mass (including guards)	607	575	kg

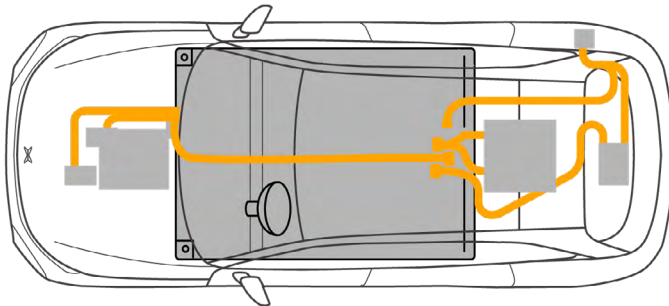
Note: The above data are for 1C magnification at 25°C .

High voltage power cable



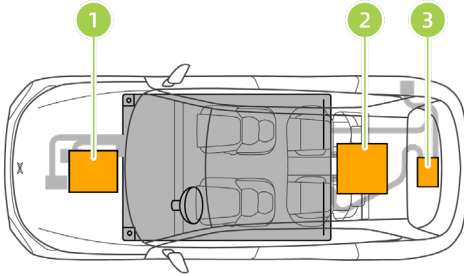
There is always high voltage in the high voltage power cable, and rescue tools should not be used to damage the high voltage power cable. Only trained technicians can operate removing, inspecting, refitting, or repairing high voltage power cables, as improper operation may result in electric shock injury or even death.

High voltage power cables are shown in orange.



Drive Units

The rear electric drive system is located between the rear wheels and the front electric drive system (in some configurations) is located between the front wheels. The CCS/DCDC converter is located behind the rear electric drive system. The drive motors use DC current to power the wheels.



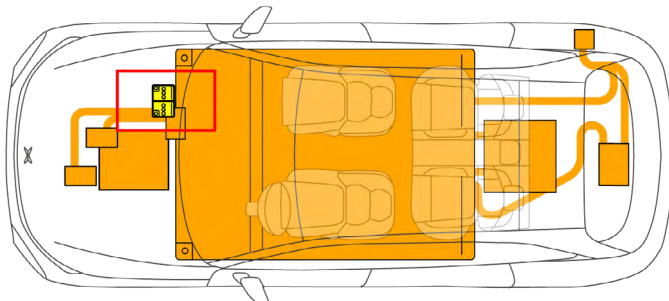
1. Front electric drive system (in some configurations)
2. Rear electric drive system
3. CCS/DCDC converter



Battery low voltage

In addition to the high-voltage system, the vehicle has a low-voltage electrical system with a 12V battery that powers the restraint system, airbags, windows, door locks, CID, and interior and exterior lights. The traction battery charges the 12V battery, which feeds the high-voltage contactor, allowing high-voltage current to flow into and out of the traction battery.

The 12V battery is located under the 12V battery cover in the front trunk.



6. In case of fire

Rescue from vehicle fire



Do not touch any part of the vehicle directly when it is on fire. It should be operated by a professional rescuer wearing the correct personal protective equipment.

When the vehicle fire is small and under control, the appropriate extinguishing agent should be used: dry sand, chemical dry powder, carbon dioxide.

When the vehicle is on fire or the battery is damaged by severe crushing, bending, etc., and there is a rapid development of the fire or the fire is out of control, it is necessary to notify the rescuers to extinguish the fire by using a continuous and large amount of fire water for 30 minutes (the windows can be broken to flush the water), and at the same time, to prevent the expansion of the fire, any combustible objects around should be kept away from the vehicle on fire.



When the fire is extinguished, you need to keep observing the vehicle to prevent it from reigniting. Check battery pack temperature with thermal imaging camera.



When extinguishing a fire with water, it is recommended that a thermal imaging camera or infrared light be used to monitor the temperature of the traction battery during the extinguishing process until the temperature of the traction battery reaches the ambient temperature indicated by the thermal imaging camera or falls below the ambient temperature. After stopping watering, leave enough time for the heat inside the traction battery to be transferred to the traction battery shell. During fire extinguishing, be sure to use insulated tools to extinguish the fire, and do not touch any high-voltage parts.



DO NOT SUBMERGE VEHICLE TO EXTINGUISH BATTERY!



It is important to assume that all high-voltage parts are energized when the vehicle is on fire. Be sure to wear the correct personal protective equipment.

7. In case of submersion

Rescue from vehicle wading



Handling a submerged vehicle without proper personal protective equipment can result in severe injury or death.



When dealing with submerged vehicles, professional rescuers need to wear proper rescue protective equipment, first pull the vehicle out of the water, and then cut off the high-voltage circuit normally.

When the vehicle is driving through water, it is recommended not to be in deep water for a long period of time, as this can easily cause damage to the vehicle's high-voltage parts.

After the vehicle is salvaged, it needs to be left to stand for at least 30 minutes, and at the same time it needs to monitor the temperature of the traction battery in real time to ensure that there is no thermal runaway of the traction battery, and then pull the vehicle away.

Trailer rescue



Before towing the vehicle, make sure the tow hook is securely locked.

This vehicle model is not suitable for towing by means of traction with the wheels on the ground; do not use a tow rope or tow bar or similar means to tow the vehicle directly. To tow the vehicle, use a flatbed trailer to transport the vehicle as follows:

1. Press the tow hook cover slightly harder at the arrow position until it buckles, then remove the tow hook cover.
2. Insert the tow hook and rotate clockwise until securely fastened.
3. Attach the tow rope to the tow hook.



4. Place the shift lever in N.
5. Attach the tow rope to the tow hook and slowly tow the vehicle onto the flatbed.
Unless specified by XPENG Inc., use only the flatbed trailer in the figure for towing and be sure to keep all four tires off the ground when transporting.
6. After the vehicle is towed to the designated location on the flatbed, use brake blocks and wheel straps to fix the tires.

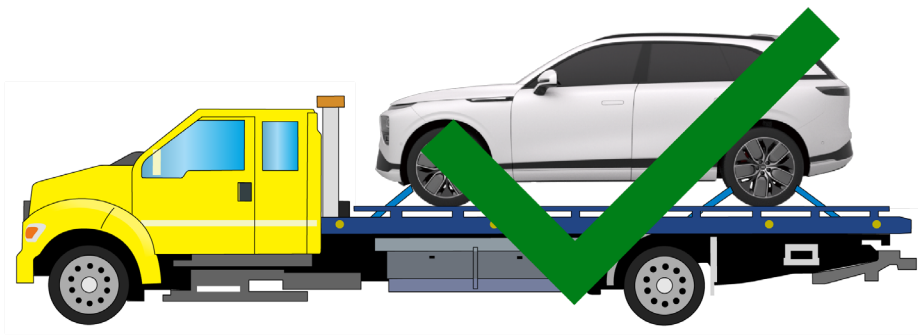
If the platform truck cannot be used normally for vehicle towing, the rigid connection method can be used to urgently tow the vehicle to a safe area and wait for rescue.

When rigid towing is used, long towing distances should be avoided and the speed of the trailer should not exceed 5 km/h.

Tow away from the scene under the premise of ensuring that there is no safety risk. If the vehicle has battery pack deformation, leakage, smoke, etc., the safety risk should be addressed first.



Do not ground the wheels when transporting the vehicle. Otherwise it would result in severe damage and overheating of the vehicle. In rare cases, extreme overheating may cause surrounding parts to catch fire.



Always transport with all four tires off of the ground.



9. Important additional information

Airbag



Driver's seat has a far side airbag in addition to the side airbag. Location of far side airbag is shown in the mark.

Important description and warning



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Be aware that not every high voltage component is labelled. Always wear the appropriate PPE. Do not attempt to open the high voltage battery.

The absence of operation noise does not indicate that the vehicle is powered off. It's possible to restore moving or restart until vehicle is fully shut down.



Do not damage the traction battery when stabilizing/ lifting the vehicle.



Do not touch any part of the vehicle directly when it is on fire. It should be operated by a professional rescuer wearing the correct personal protective equipment.



Handling a submerged vehicle without proper personal protective equipment can result in severe injury or death.



Do not ground the wheels when transporting the vehicle. Otherwise it would result in severe damage and overheating of the vehicle. In rare cases, extreme overheating may cause surrounding parts to catch fire.

Rescuesheet and Emergency Response Guidance Viewing

XPENG G9 Rescuesheet is based on ISO 17840-1:2022.

Rescuesheet and Emergency Response Guidance are available on the website:

<https://www.heyxpeng.com/no/user-manual>

10. Explanation of pictograms used

Logo Information

	Electric vehicle		Air-conditioning component		Acute toxicity
	Warning, Electricity		Flammable		Remove smart key
	General warning sign		Hazardous to the human health		Seat height adjustment
	Use water to extinguish the fire		Corrosives		Seat adjustment, longitudinal
	Use thermal Infrared camera		Explosive		Steering wheel, tilt control
	Bonnet		Environmental hazard		Boot
	Warning; low temperature				