



INFORMATION FOR FIRST AND SECOND RESPONDERS



EMERGENCY RESPONSE GUIDE



XPENG G6

SUV / 5 DOORS / 5-SEATERS

BATTERY ELECTRIC VEHICLE

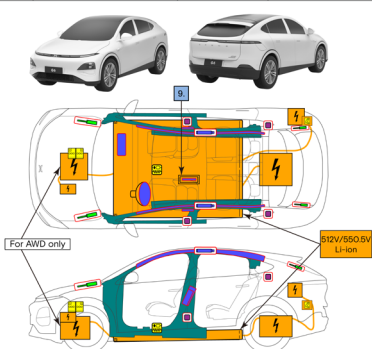


VERSION: 01

CONTENTS

0. Rescue sheet	Page 3
1. Identification / recognition	Page 4
2. Immobilisation / stabilisation / lifting	Page 7
3. Disable direct hazards / safety regulations	Page 9
4. Access to the occupants	Page 17
5. Stored energy / liquids / gases / solids	Page 22
6. In case of fire	Page 30
7. In case of submersion	Page 32
8. Towing / transportation / storage	Page 33
9. Important additional information	Page 36
10. Explanation of pictograms used	Page 38

0. Rescue sheet

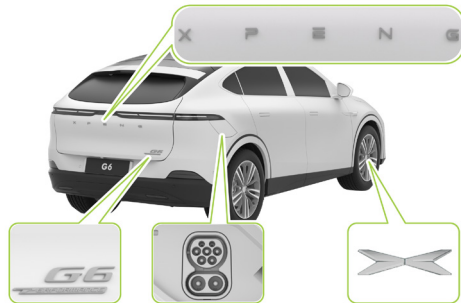
 XPENG G6 5 doors / 5 seats / SUV From 2024							
							
	Airbag		Stored gas inflator		Seat belt pretensioner		SRS control unit
	Battery Low Voltage		Gas strut/Pretensioned spring		High strength zone		Zone requiring special attention
	High voltage component		Battery pack, high-voltage		High voltage power cable		Low voltage device that disconnects high voltage
 XPENG G6 FROM 2024-PRESENT		ID No. LIN-G6-2024-ERS		Version No. 01		Page No. 1/4	
							

G6 Branding

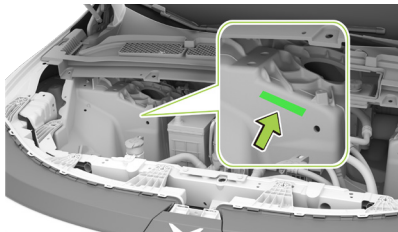


LACK OF ENGINE NOISE DOES NOT MEAN VEHICLE IS OFF: SILENT MOVEMENT OR INSTANT RESTART CAPABILITY EXISTS UNTIL VEHICLE IS FULLY SHUT DOWN. WEAR APPROPRIATE PPE.

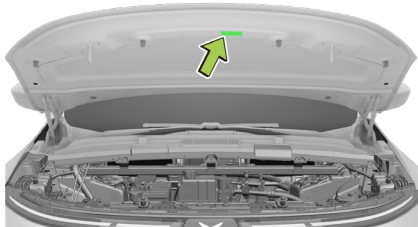
Vehicles can be identified by the branding on the front and rear of the vehicle.



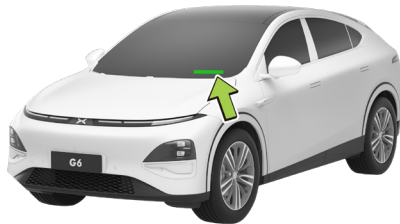
Vehicle Identification Number (VIN)



1. It is engraved on the right side of the cast aluminium shock tower base in front trunk.

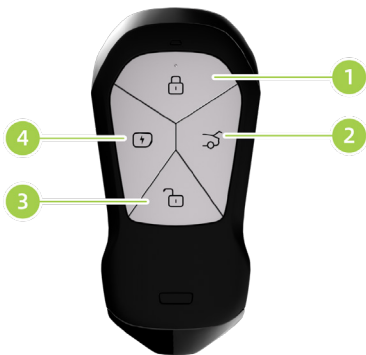


2. It is taped on the inner side of the front hood.



3. It is taped on the lower left side of the front windshield.
4. It is taped on the left side of the tailgate.
5. It is taped on inner panel of the right rear door.
6. It is taped on the left B-pillar.
7. It is taped on the left rear wheel cover.
8. It is taped on 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 entire vehicle.

2. Trunk button

Within the effective range (30 m), double-press this button to open or close the trunk, or to pause a trunk in motion.

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 open the charging port.

2. Immobilisation / stabilisation / lifting

IMMOBILISE THE VEHICLE

1. Chock wheels



Do not damage the traction battery when stabilizing the vehicle.



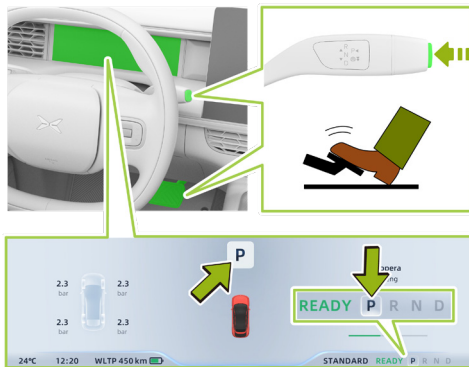
The absence of operation noise does not indicate that the vehicle is powered off. It's possible to restore moving or restart until vehicle is fully shut down.

When it is necessary to immobilise the vehicle, switch the gear to P and wedge the wheels.



2. Shift the vehicle to P gear

Depress the brake pedal and press the P gear button on the gearshift lever. "P" will be highlighted in the gearshift display area of the ICM, and the vehicle will shift to P gear.



LIFTING POINTS

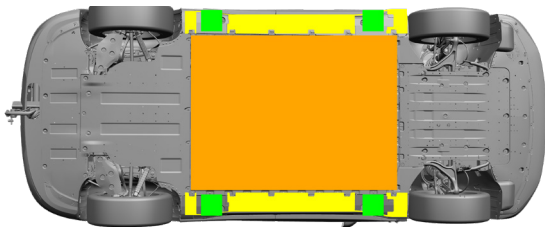


Do not damage the traction battery when stabilizing / lifting the vehicle.



Professional rescuers must be trained by the China Fire Protection Association (CFPA) to lift or maneuver vehicles, only while wearing the appropriate Personal Protective Equipment (hereafter referred to as PPE), and only after demonstrating familiarity with the vehicle lifting points. Do not touch the traction battery or other high voltage components when lifting or manoeuvring the vehicle.

The traction battery is located on the bottom of the vehicle. The orange portion in the figure below represents the traction battery. When lifting or stabilizing the vehicle, only the designated stabilization-lifting points should 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.

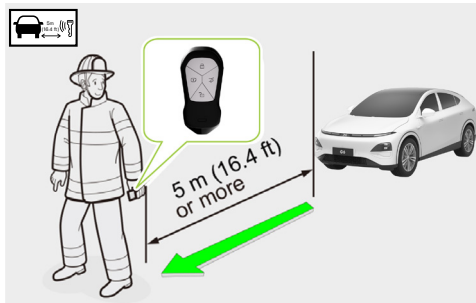
The absence of operation noise does not indicate that the vehicle is powered off. It's possible to restore moving or restart until vehicle is fully shut down.

Main Disabling Method



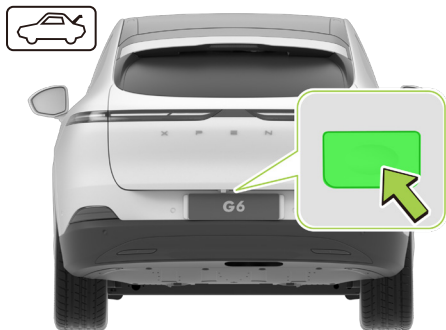
1. Enter the vehicle, then press and hold

the emergency power-off button located on the roof button panel for at least 5 seconds to fully power down the vehicle.

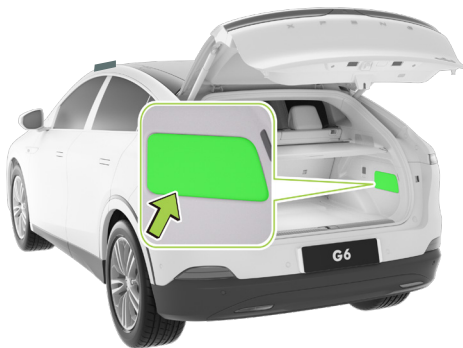


2. Ensure that the smart key is at least 5 meters away from the vehicle.
3. Open the front hood and disconnect the negative battery cable (see Access To 12V Battery).

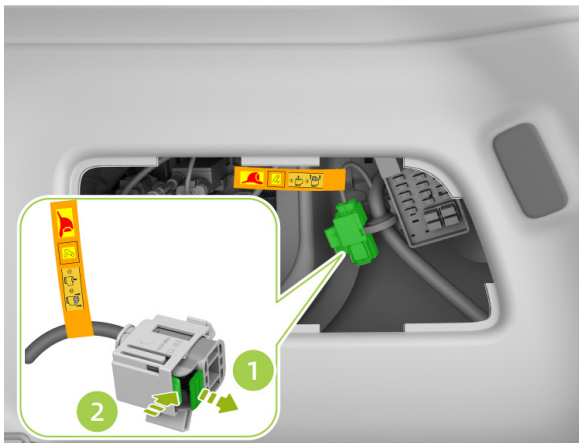
Alternative Disabling Method



1. When the vehicle is unlocked, press the external button on the trunk to open it.

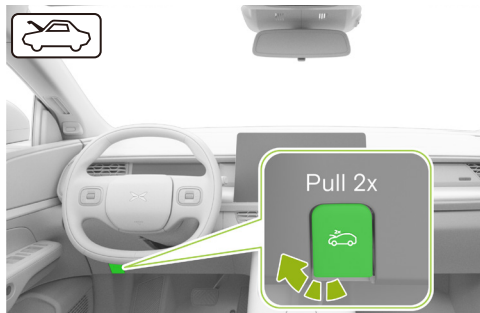


2. Use the appropriate tool to open the service cover on the right side of the trunk.

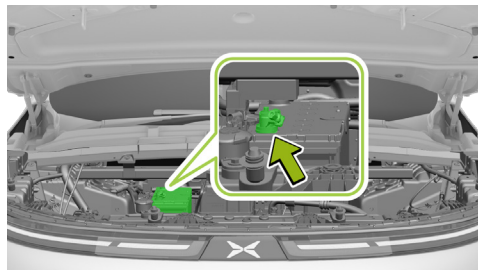


3. Locate the low voltage service switch. Pull out the locking mechanism ① along the direction of the moving arrow, and then press the unlocking paddle ② to disengage the low-voltage service switch.

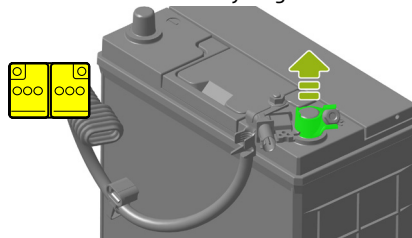
Access To 12V Battery



1. Pull the front hood release handle on the lower left of the dashboard twice in a row. Once the front hood pops up slightly, it is unlocked. Lift the front hood upward, at which point the gas struts will automatically hold the front hood up.

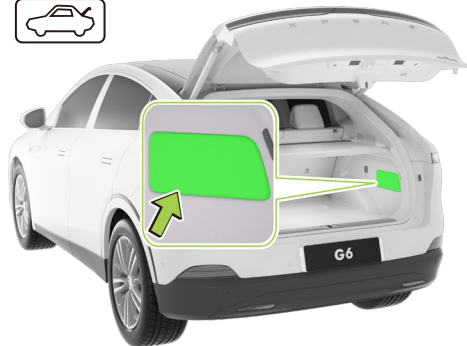


2. Find the 12V battery negative cable.

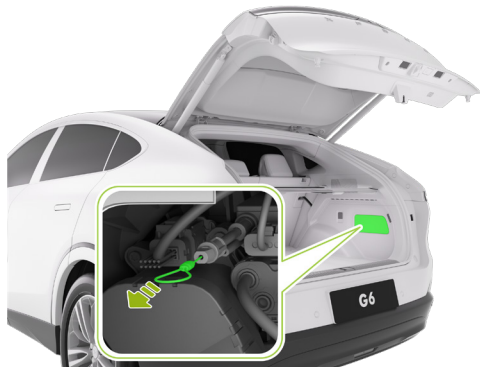


3. Disconnect the 12V battery negative cable.

Emergency Unlocking of Charging Port



1. Open the trunk and use the appropriate tool to open the service cover on the right side of the trunk.



2. Locate the emergency unlocking ring of charging port and pull it.

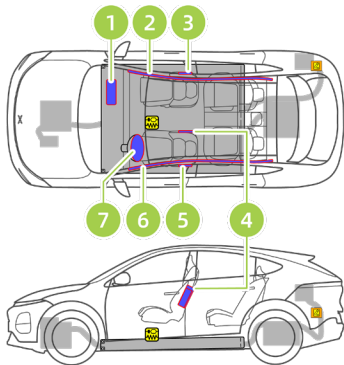


3. Pull out the charger.

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

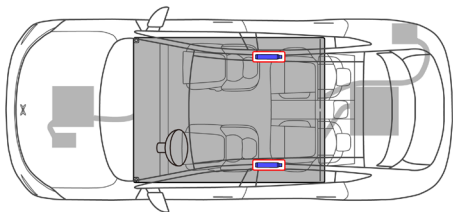


Stored gas inflator



Rescuers must not cut or squeeze the stored gas inflators. Doing so could result in severe damage to the vehicle, or even personal injury or death.

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

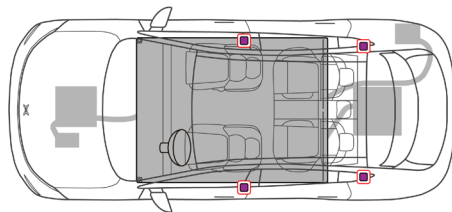


Seat belt pretensioner



The circuit and mechanical release of the seat belt pretensioner may be affected after a crash.

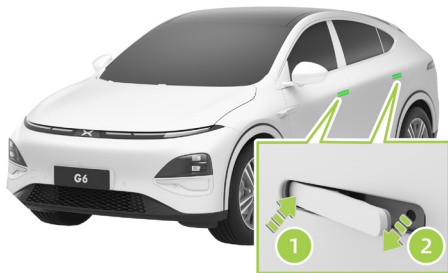
The seat belt pretensioners (marked in red) are located at the bottom of the B-pillar and in the middle and on the outer side of the second-row seats.



4. Access to the occupants

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

Door opening



① Press ② Pull

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

Seat adjustment



Use the switch to adjust the driver / passenger seat:

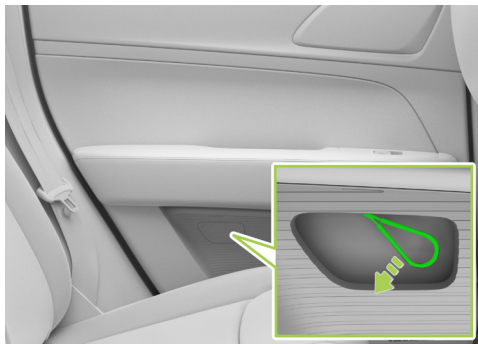
- ① Adjustment for seat distance, seat height, and seat cushion angle (for driver seat only).
- ② Adjustment for backrest angle.

Internal opening of front doors



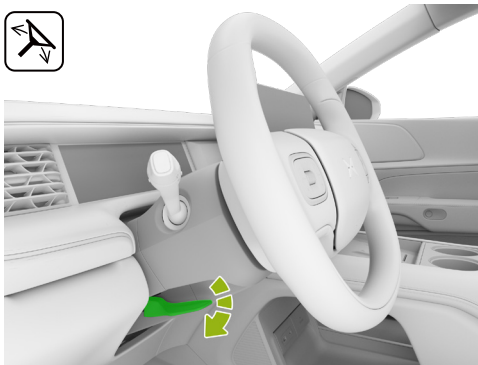
Pull the emergency door opening handle located on the side of the front door storage box to open the door.

Internal opening of rear doors



Press the service cover below the armrest of the rear door and pull the emergency door opening handle to open the door.

Steering column adjustment

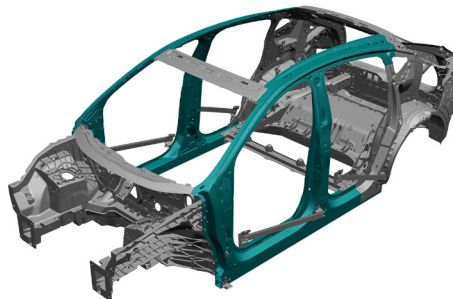


1. Pull down the steering wheel unlocking lever to unlock the steering wheel.
2. Move the steering wheel up, down, forward, or backward to the desired position.
3. Push up the steering wheel unlocking lever to lock the steering wheel.



High strength zone

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



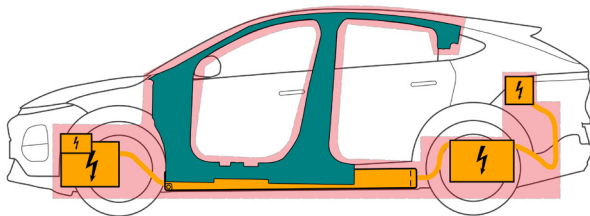
Vehicle Cutting Area



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

When cutting, always use appropriate tools, such as a hydraulic cutter, and wear the appropriate PPE. Failure to follow these warnings can result in severe personal injury or death.

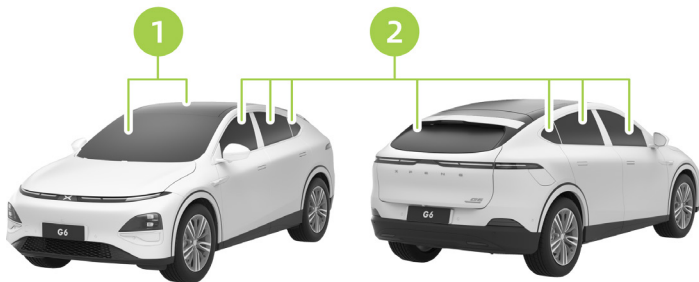
When performing accident rescue, if cutting, expanding, or piercing parts of the vehicle body is necessary, attention should be paid to avoiding areas with safety airbag components, body reinforcement panels, high voltage components, etc., which are high-temperature, high-voltage, and high-strength areas. The red areas in the following diagram indicate prohibited cutting areas.



 Prohibited cutting area

Glass types

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



1 Laminated glass

2 Tempered glass

5. Stored energy / liquids / gases / solids

	      	512V / 550.5V
	  	12V
	  	R1234yf 1150g±15g

Battery Liquid Leakage Rescue



If the vehicle is involved in a crash that results in the leakage of traction battery liquid, it should be handled by professional rescuers, who must wear the appropriate PPE and never touch the liquid directly.

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

- If a small amount of electrolyte has leaked out, keep the battery away from sources of ignition, adsorb the liquid with an absorbent pad, and then place it in an airtight container or dispose of it via incineration.
- In the event of a large spill, collect the spilled material and dispose of it according to hazardous chemical procedures. A calcium gluconate solution can neutralize toxic gases.



Before the traction battery can be safely stored, the temperature of the traction battery must be monitored throughout the process. If the temperature rises abnormally, it must be physically cooled to prevent fire and explosion. If skin inadvertently comes into contact with the leaking liquid, the area must be immediately flushed with a heavy stream of water for 10 to 15 minutes. If there is no improvement, or if symptoms of discomfort occur, please seek medical attention immediately.



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



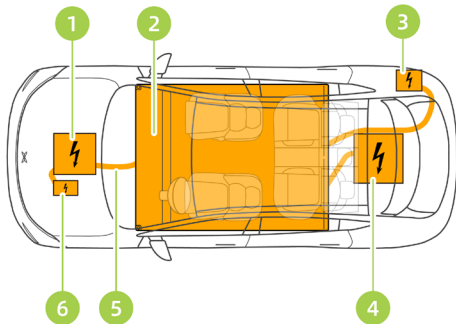
Check battery pack temperature with thermal imaging camera.



High voltage component



If damage is found in high voltage components, wear appropriate PPE and wrap the damaged area with insulating tape.



1. Front electric drive system (configuration on certain models)
2. Traction battery
3. Charging port
4. Rear electric drive system
5. HV wiring harness
6. Air-conditioning compressor



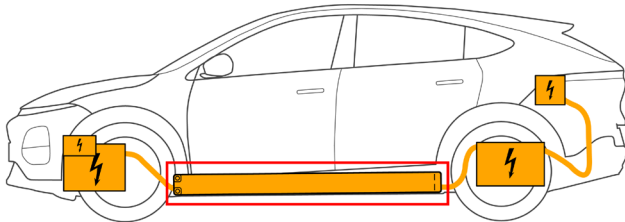
Battery pack, high-voltage



The rated voltage of the traction battery is up to 512V / 550.5V. High-voltage electricity can cause severe injury or even death. Please be aware of high-voltage dangers.

Only trained technicians may remove, check, refit, repair, and conduct other operations on the traction battery and its wiring. Improper handling may result in electric shock injuries or even death.

The traction battery is installed on the chassis of the vehicle. During a rescue, please exercise caution when driving over muddy terrain, potholes, curbs, high or wide speed bumps, pedestrian ramps, and other special road conditions to avoid scratching or damaging the traction battery with impacts to the chassis.



Main parameters of traction battery

Project name		Long range vehicle model	Ultra-long range 2WD model	Ultra-long range 4WD model	Unit
Individual battery cell	Battery type	LFP	NCM	NCM	/
	Nominal voltage	3.16	3.67	3.67	V
	Rated capacity	129	159	159	Ah
Traction battery	Nominal voltage	512	550.5	550.5	V
	Rated capacity	129	159	159	Ah
	Rated energy	66	87.5	87.5	KWh
	Mass (including protection plates)	569±10	559±15	559±15	kg

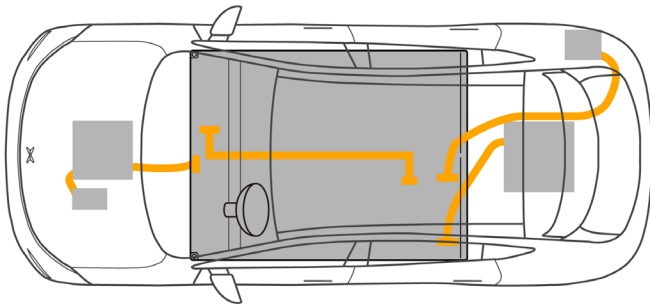
Note: The above data were taken at a 1C rate and under 25°C conditions.

High voltage power cable



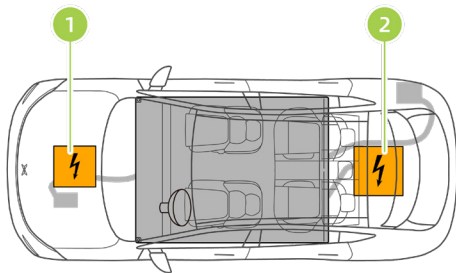
High voltage is always present in high-voltage power cables, so rescue tools that might damage these high-voltage power cables should not be used. Only trained technicians may remove, check, refit, repair, and conduct other operations on high-voltage power cables. Improper handling may result in electric shock injuries 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 (configuration on certain models) is located between the front wheels. The drive motor uses direct current to power the wheels.



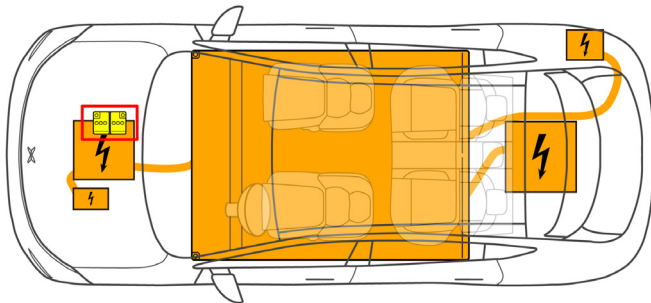
1. Front electric drive system (configuration on certain models)
2. Rear electric drive system



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 powers 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

Vehicle Fire Rescue



Do not touch any part of the vehicle directly when it is on fire. This rescue work should be done by professional rescuers wearing appropriate PPE.

If a vehicle fire is small and under control, suitable extinguishing agents such as dry sand, chemical powder, or carbon dioxide should be used.

When the vehicle is on fire or the battery is damaged due to severe crushing, bending, and so on, and there is a rapid development of the fire or the fire is out of control, rescuers must be called to extinguish the fire using a massive and continuous volume of firefighting water for 30 minutes (the windows can be broken to apply water). At the same time, to prevent expansion of the fire, any nearby combustible objects should be kept away from the burning vehicle.



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 using water for firefighting, it is recommended to use a thermal imaging or infrared camera to monitor the temperature of the traction battery, until the temperature of the traction battery reaches the ambient temperature indicated by the thermal imaging camera or falls below it. Once water application has stopped, allow sufficient time for the heat inside the traction battery to transfer to the traction battery shell. During firefighting, be sure to use insulated tools to extinguish the fire, and do not touch any high voltage components.



DO NOT SUBMERGE VEHICLE TO EXTINGUISH BATTERY!

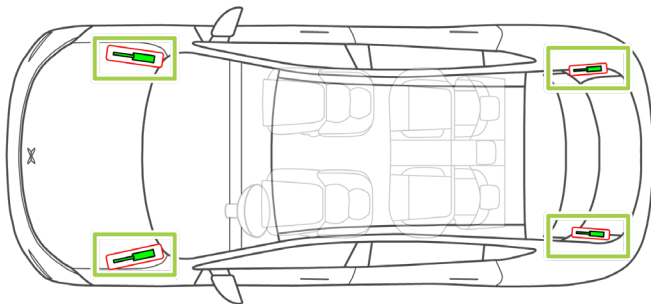


It is important to assume that all high voltage components are energized when the vehicle is on fire. Be sure to wear the appropriate PPE.

  Gas Strut / Preloaded spring



Risk of missile effect of hood and tailgate.



7. In case of submersion

Vehicle Submersion Rescue



Handling a submerged vehicle without the appropriate PPE can result in severe injury or death.



When dealing with submerged vehicles, professional rescuers must wear the appropriate rescue protective equipment.

The rescuers should first pull the vehicle out of the water, and then safely cut off the high-voltage circuits.

While driving through water, it is recommended that the vehicle not remain in deep water for a long period of time, as this can easily damage the vehicle's high voltage components.

Once the vehicle is out of the water, it must be left idle for at least 30 minutes. During this idle period, real-time monitoring of the traction battery temperature is required to ensure that no thermal runaway is ongoing inside the traction battery before the vehicle is pulled away.

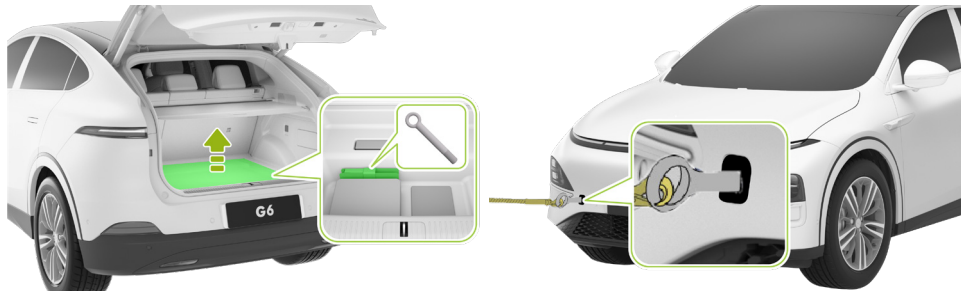
Towing Rescue



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

This vehicle model is not suitable for towing wherein the wheels have traction with the ground. Please do not use a tow rope, tow bar, or similar means to directly tow the vehicle. To tow the vehicle, use a flatbed trailer to transport the vehicle. The procedure is as follows:

1. Use an appropriate tool to pry off the tow hook cover on the front bumper.
2. Open the trunk lid and locate the tow hook.
3. Insert the tow hook and rotate it clockwise until it is securely fastened. Attach the tow rope to the tow hook.



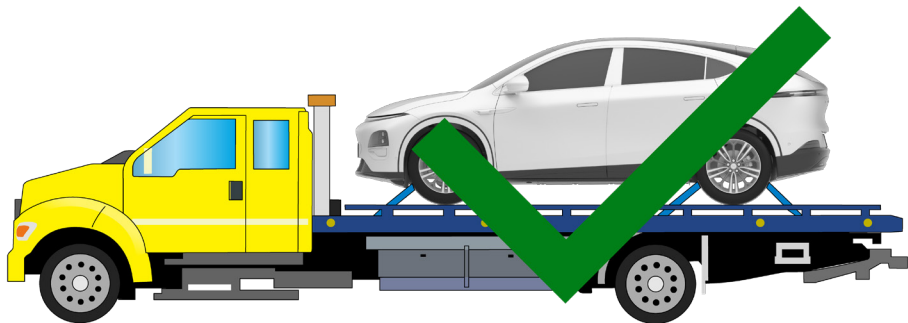
4. Tap "  → Vehicle Settings" on the CID to activate rescue mode.
5. Attach the tow rope to the tow hook and slowly pull the vehicle onto the flatbed trailer. Unless otherwise specified by XPENG Motors, only the towing method shown in the figure using a flatbed trailer is permitted. Always transport with all four tires off the ground.
6. After pulling the vehicle to the designated location on the flatbed trailer, use brake blocks and wheel straps to secure the tires.

If a flatbed trailer is unavailable to carry the vehicle in the normal fashion, a rigid connection can be used in an emergency to tow the vehicle to a safe area for later pickup. If a direct rigid connection is used, avoid towing over long distances, and the speed of the towed vehicle should not exceed 5 km/h.

Only after ensuring that there are no safety hazards can the vehicle be towed away from the scene. If the vehicle has battery pack deformation, liquid leakage, smoke, etc., the first priority is to address the safety risks and ensure a safe distance of 15 meters between the vehicle and other vehicles or buildings.



Ensure that all four tires are off the ground when transporting the vehicle. Failure to do so can result in severe damage to and overheating of the vehicle. In very 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 notes and warnings



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.



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. This rescue work should be done by professional rescuers wearing appropriate PPE.



Handling a submerged vehicle without the appropriate PPE can result in severe injury or death.



Ensure that all four tires are off the ground when transporting the vehicle. Failure to do so can result in severe damage to and overheating of the vehicle. In very rare cases, extreme overheating may cause surrounding parts to catch fire.

Instructions for accessing the rescue sheet and rescue manual

The XPENG G6 rescue sheet is based on ISO 17840-1:2022.

The rescue sheet and rescue manual are available on the website:

<https://tis.xpeng.com>

10. Explanation of pictograms used

Pictogram 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				