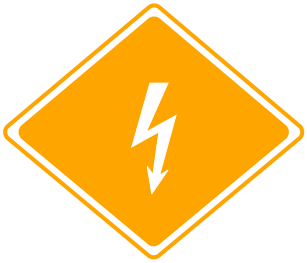
ZEEKR

INFORMATION FOR FIRST AND SECOND RESPONDERS
EMERGENCY RESPONSE GUIDE FOR VEHICLE



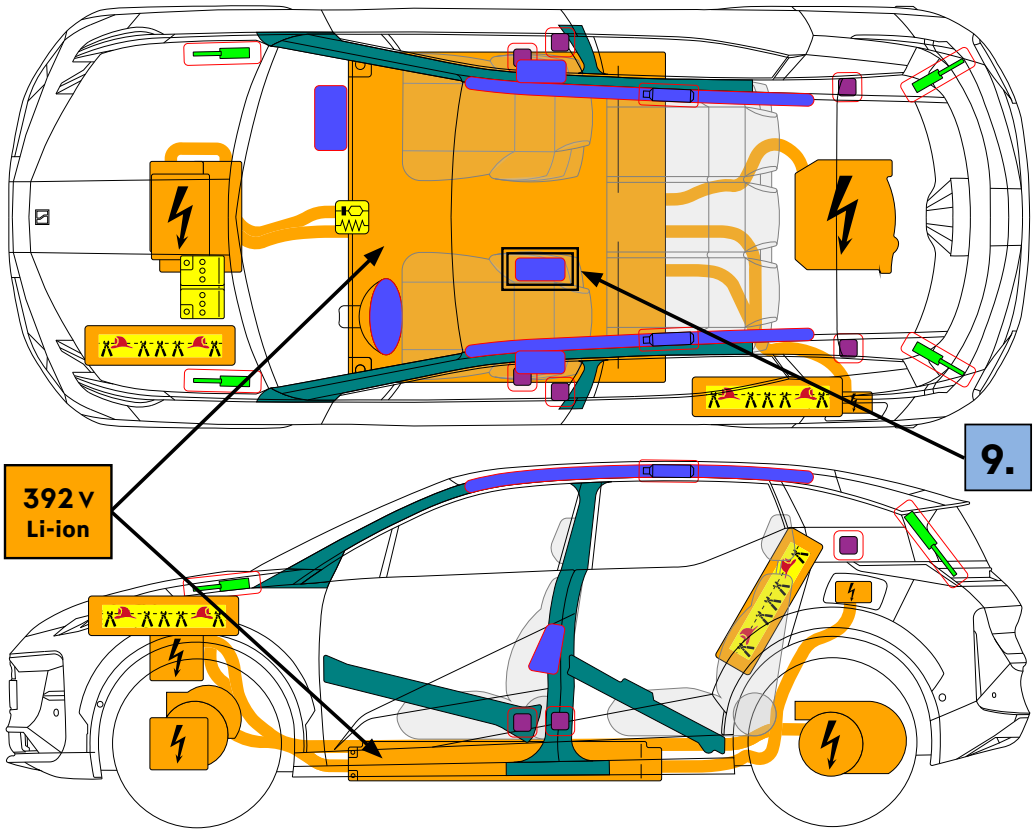
ZEEKR X
ELECTRIC VEHICLE
2024 -

VERSION N°: 2.0 EN

Contents

0. Rescue sheet(s)

ZEEKR	**Zeekr X** **Type: 5dr SUV** **(2024 -)**		



Airbag

Stored gas inflator

Seat belt pretensioner

SRS control unit

Battery low voltage

Gas strut / Preloaded spring

High strength zone

Cable cut

High voltage component

Battery pack, high-voltage

High voltage power cable

Zone requiring special attention

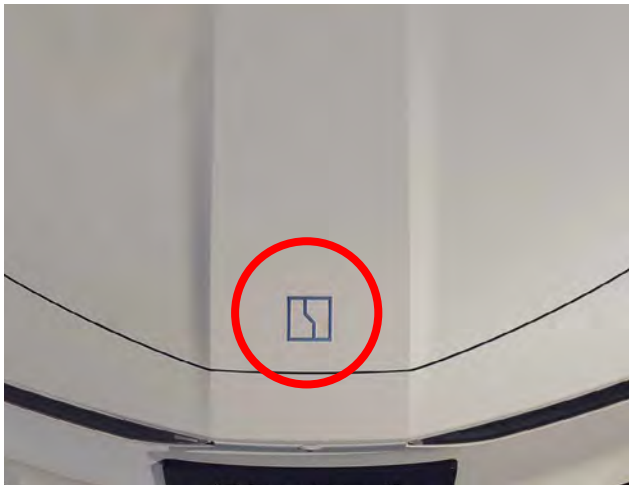
Internal reference	Version	Creation date	Page
Zeekr_X__SUV_2024_5d_Electric_EN	03	05/2024	1 / 5

1. Identification / recognition

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

HOW TO IDENTIFY A ZEEKR X

Zeekr X can be identified by its brand and model badges, location of the charge port and VIN number.



Brand name front

Brand name rear

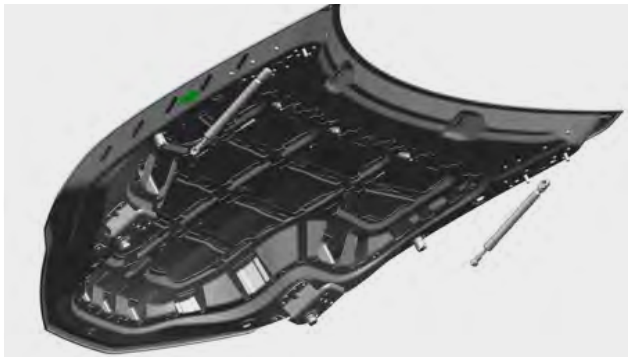
Model name rear

Charge port

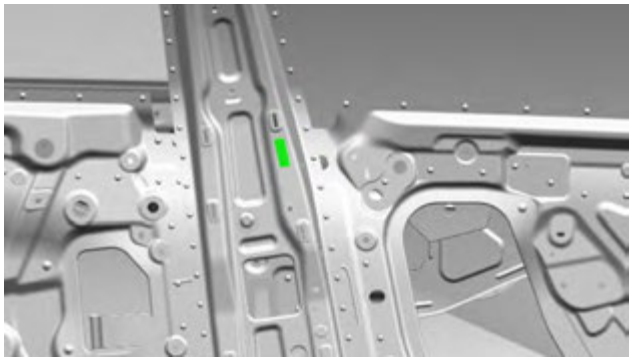
VEHICLE IDENTIFICATION NUMBER (VIN)

The VIN code is made up with 17 numbers or words. Character 8 of the VIN will show the drive system. 1 = 200 kW, RWD. 3 = 315 kW AWD. The Vehicle Identification Number (VIN) can be found on these locations:

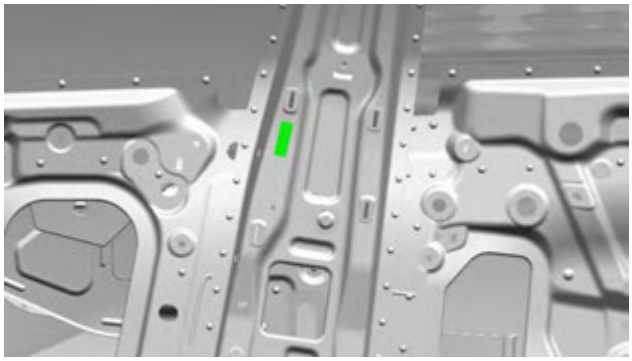
Lower left end of front windshield



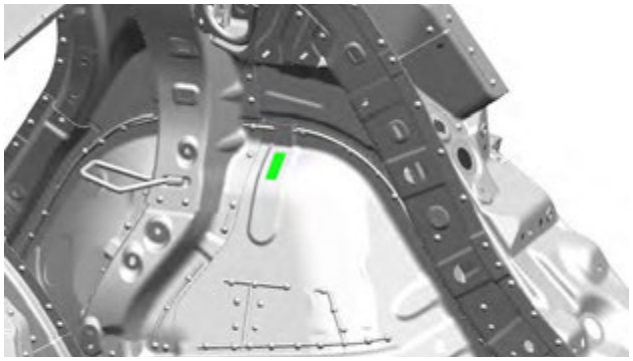
Engine hood inner panel



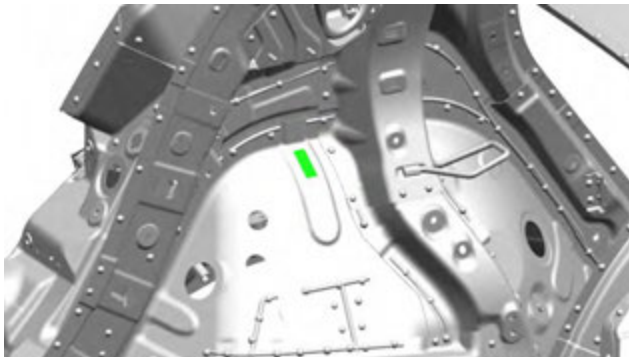
Middle left side B-pillar inner panel



Middle right side B-pillar inner panel



Left rear wheel inner panel middle



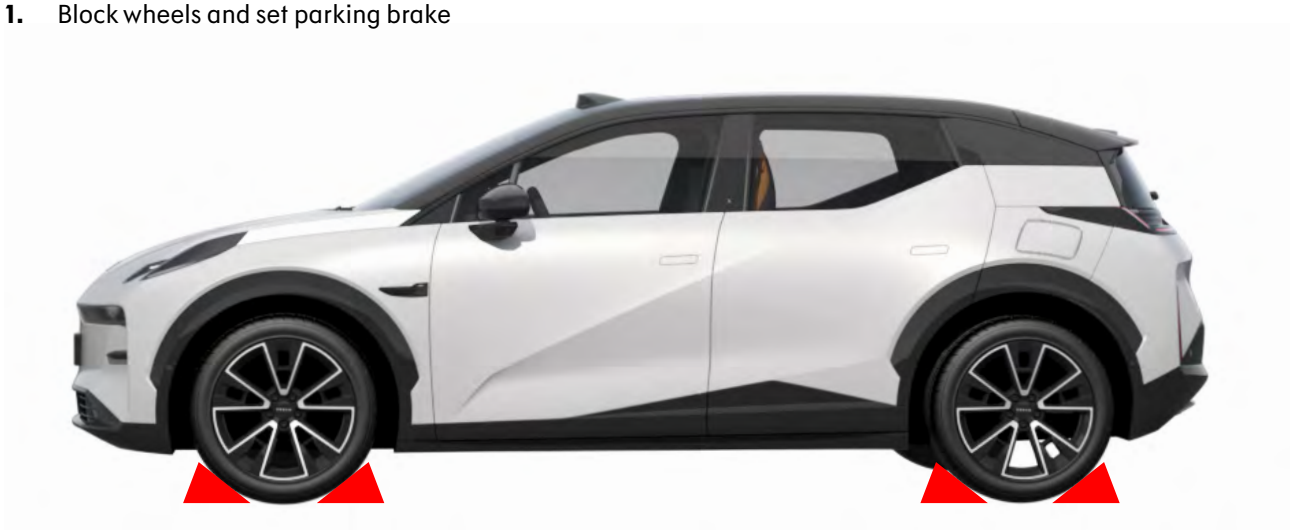
Right rear wheel inner panel middle

Rear door inner panel left

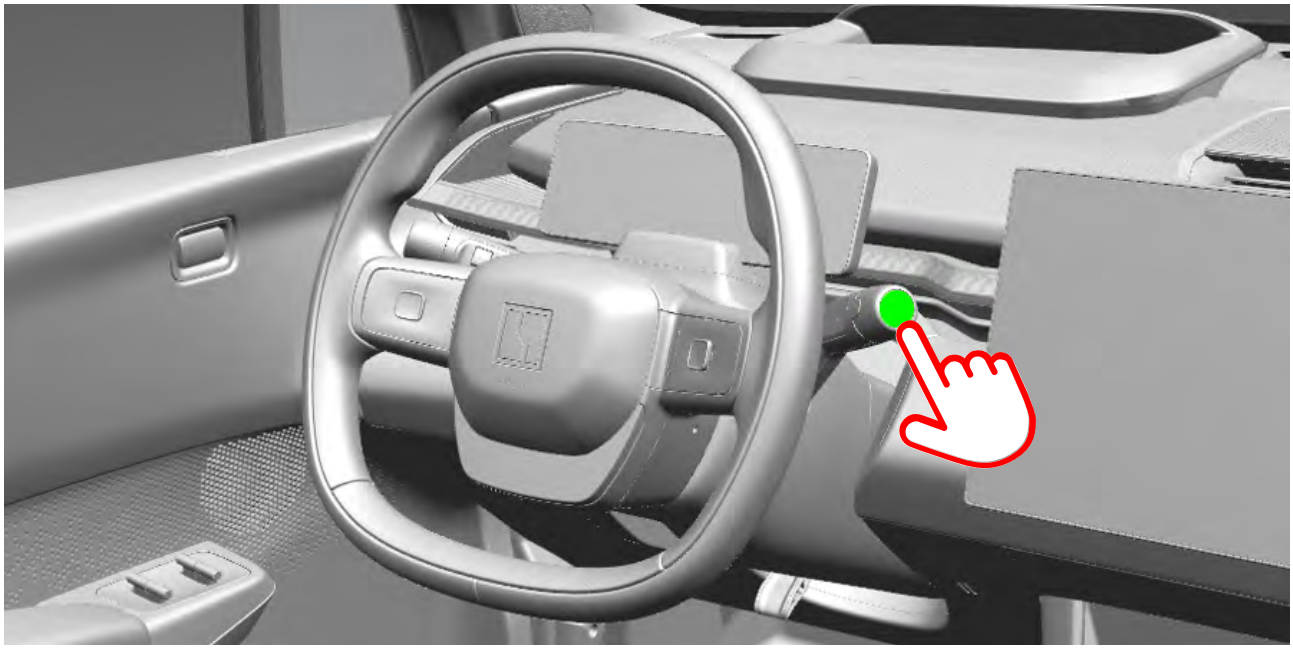
2. Immobilisation / stabilisation / lifting

IMMOBILISE VEHICLE:

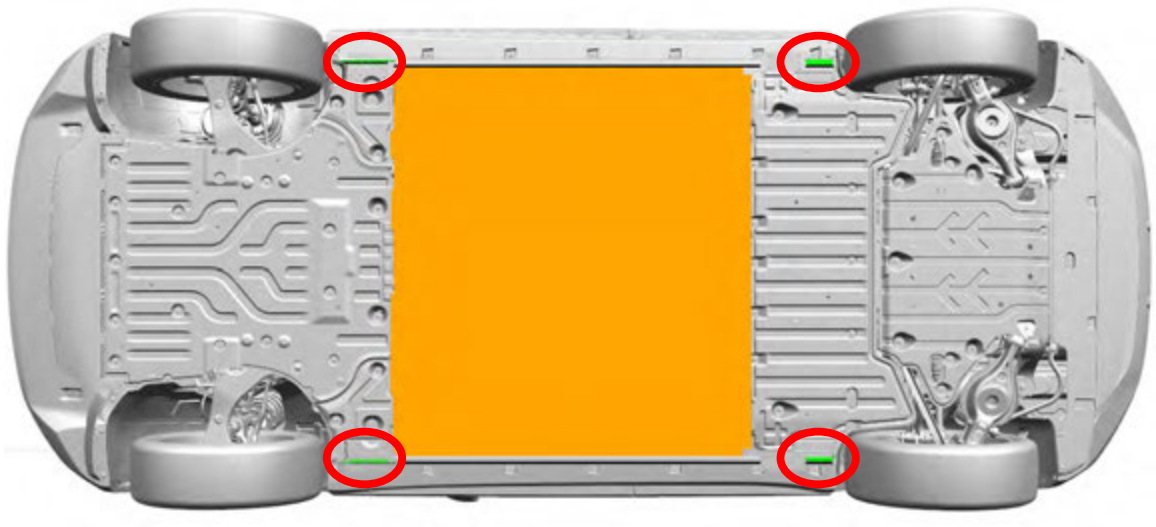
1. Block wheels and set parking brake



2. Push the P (park) button to select the P (park) position



LIFTING POINTS:



Appropriate lifting points

High voltage battery

Be careful to not damage high voltage cables and/or high voltage battery while stabilizing / lifting the vehicle.

Never touch, cut, or open any orange high voltage power cable or high voltage component; In case of a collision with seat belt pretensioner activation / airbag deployment, the high voltage system will be disabled automatically. The restraint systems are still active. Wear appropriate PPE.

3. Disable direct hazards / Safety regulations

After immobilizing and stabilizing the vehicle, the next step is to disable the vehicle, its SRS components and the high voltage electrical system.

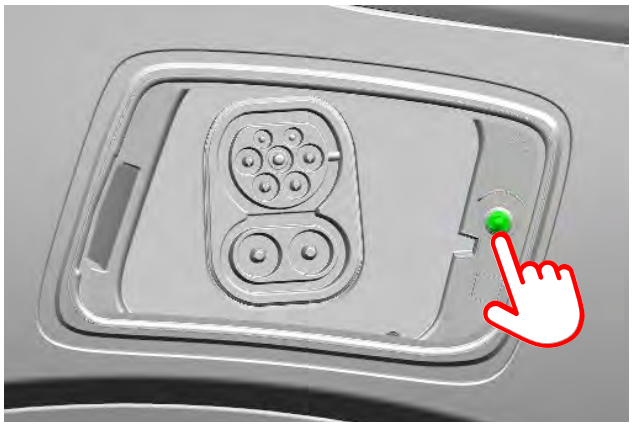
First responders should always assume that the high-voltage system is powered on, and take the appropriate action described in this guide to power off the system.

To prevent the current flow through the system, use one of the following procedures to disable the vehicle.

CHARGING CABLE

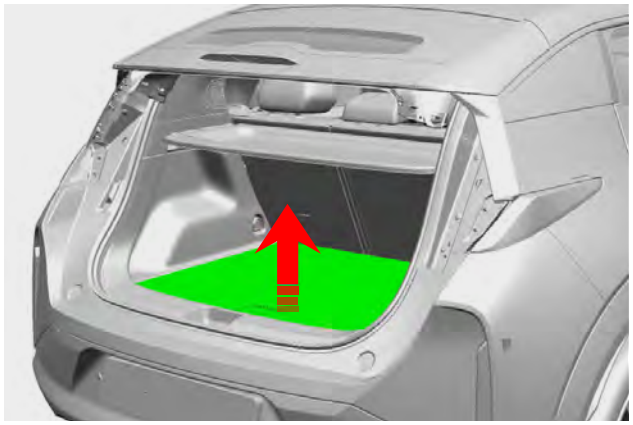
To release the charging cable with a functional 12 Volt circuit:

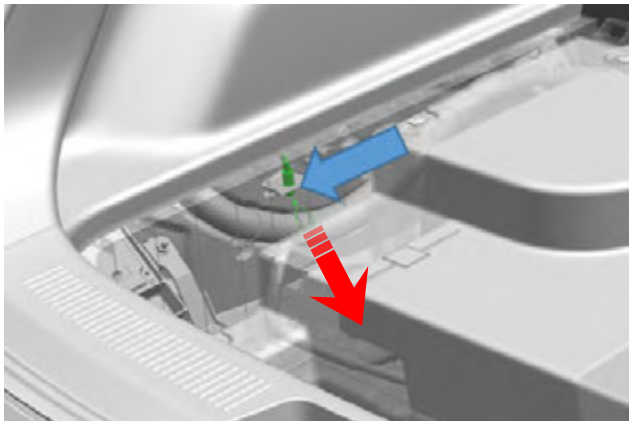
- Unlock the vehicle with the electronic key
- Push the release button on the charging socket
- Disconnect the charging cable



To release the charging cable without a functional 12 Volt circuit:

- Open the trunk
- Remove the hatch
- Pull the loop until the charging cable is released
- Disconnect the charging cable



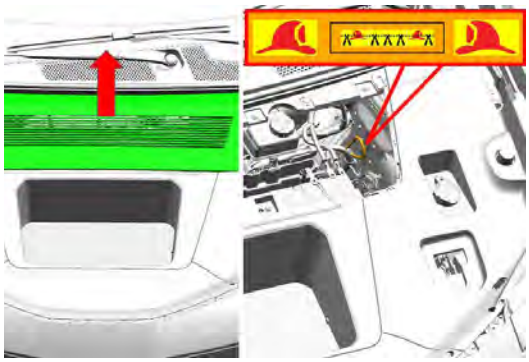


MAIN METHOD:

The propulsion system is disabled when the 'Safety mode See Manual' indicator in the instrument cluster is illuminated.

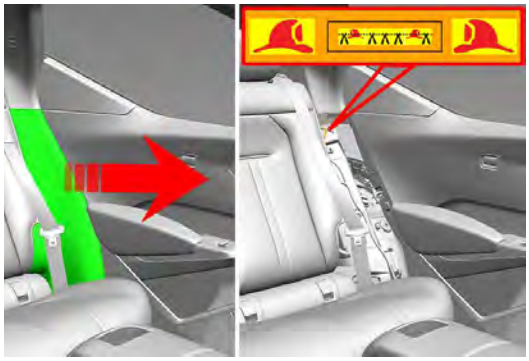
ALTERNATIVE METHOD 1:

1. Open the hood
2. Remove the access cover by pulling it upward to release the clips that hold it in place.
3. Cut the cable according to the cutting label, to interrupt the circuit of the high voltage system.



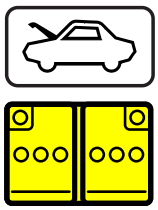
ALTERNATIVE METHOD 2:

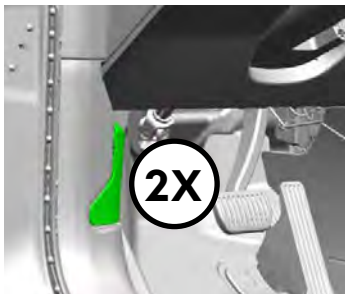
1. Open the left rear door
2. Remove the access cover by pulling it to release the clips that hold it in place.
3. Cut the cable according to the cutting label, to interrupt the circuit of the high voltage system.

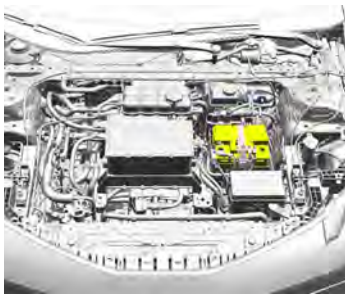


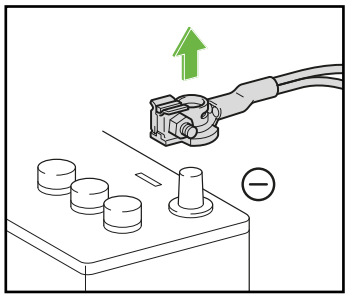
DISCONNECT 12 VOLT BATTERY

1. Open the hood
2. Remove the access cover by pulling it upward to release the clips that hold it in place.
3. Disconnect 12 Volt battery









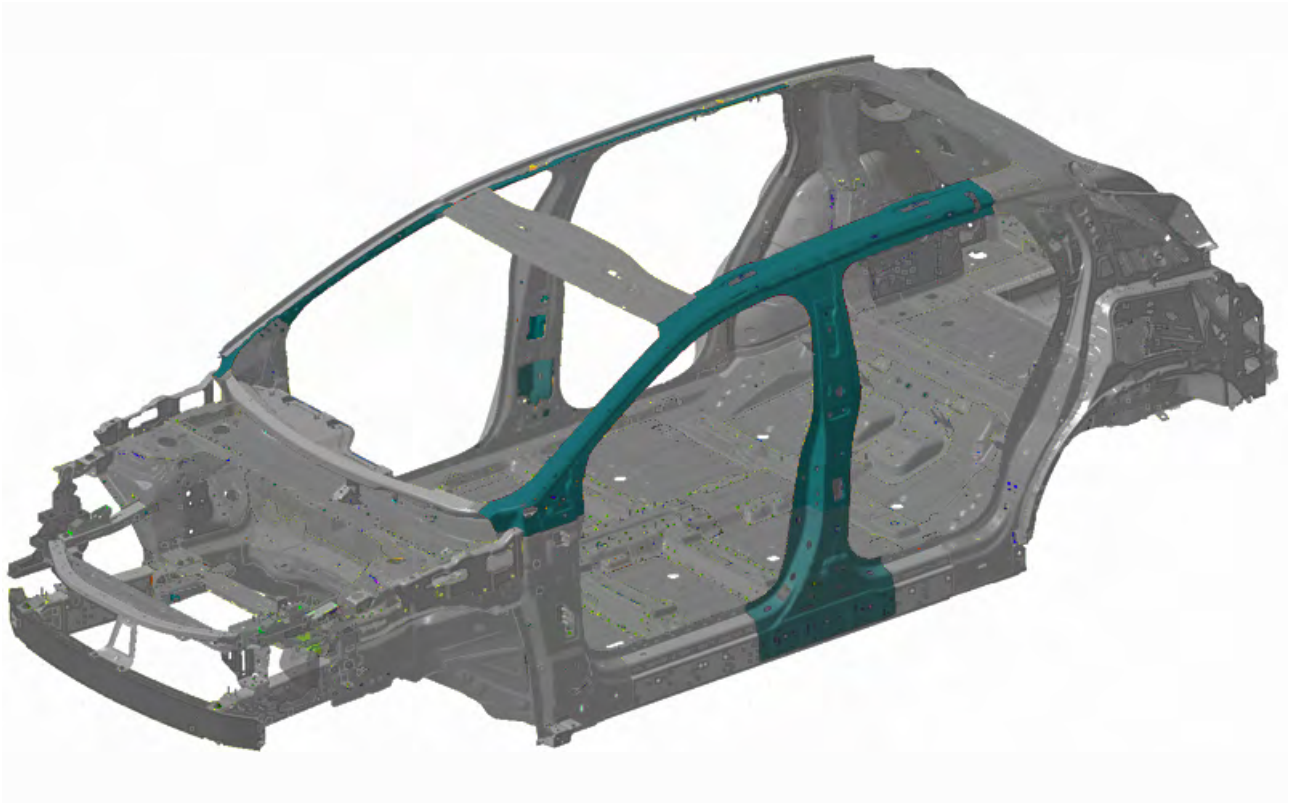
Always assume the vehicle is powered, even if it is silent!
Make sure that the vehicle is immobilized and the propulsion system is deactivated; Never touch, cut, or open any orange high voltage power cable or high voltage component; In case of a collision with seat belt pretensioner activation / airbag deployment, the high voltage system will be disabled automatically. The restraint systems are still active.

It takes approximately 5 minutes for the electrical charge stored in the capacitor etc. to discharge.
After the high voltage has been switched off, take care to avoid short circuits, etc.

4. Access to the occupants

LOCATION OF HIGH STRENGTH STEEL

The body of the Zeekr X is made of multiple types of steel and are indicated by the colored areas.

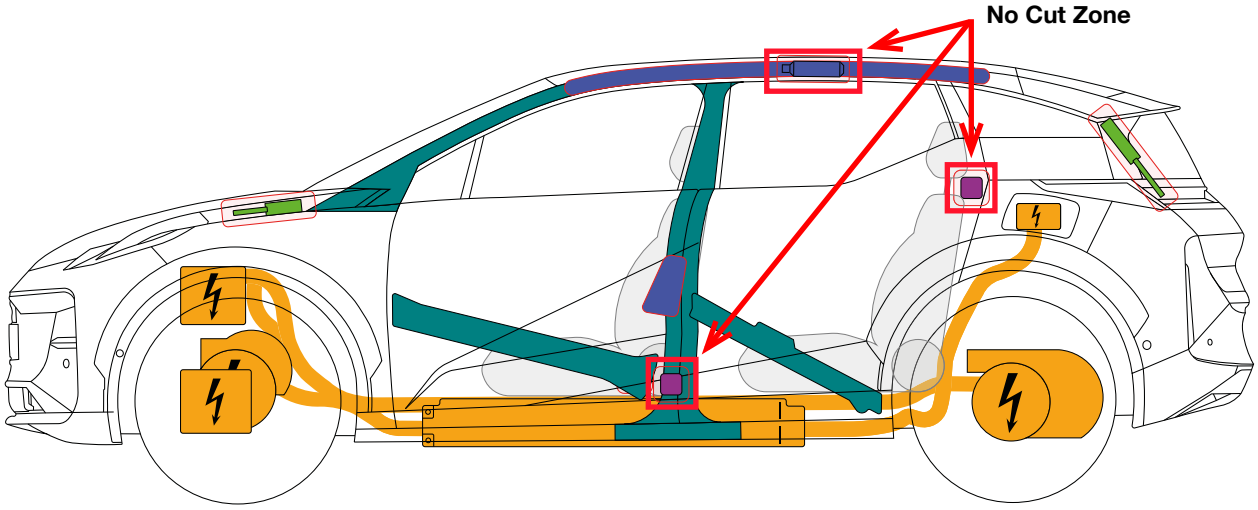


Press Hardened Steels Hard Zone

HIGH STRENGTH ZONE

CUT ZONE (CUTTABLE AREA)

If it is necessary to cut the vehicle body or use hydraulic cutters, etc. to rescue the occupants, do so within the cut zones shown in the image below. Do not cut the area near the high-pressure gas generator part of the side curtain airbag on the side of the vehicle (non-cut zone shown below).



GLASS TYPES

A. Laminated glass
B. Tempered glass

LOCK AND UNLOCK

The car can be locked and unlocked with the following types of keys:

- **NFC card:** The NFC card can be used to lock and unlock the car.
- **Key fob:** The key fob can be used to unlock and lock the car, open the tailgate, control the windows and remotely drive the car into and out of tight parking spaces.
- **Phone as key:** The Phone as key can be used to lock or unlock the car through the ZEEKR app or mobile wallet on a phone.

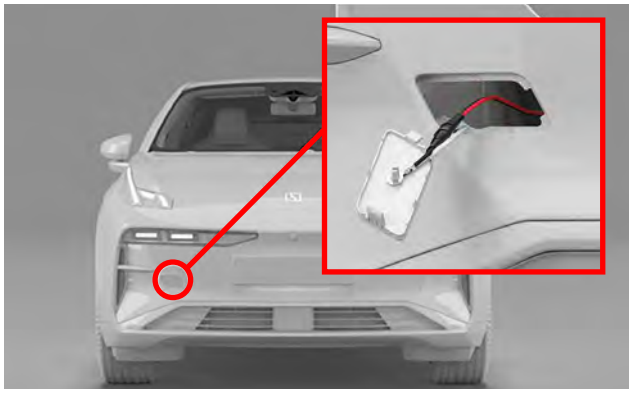
OPENING DOORS

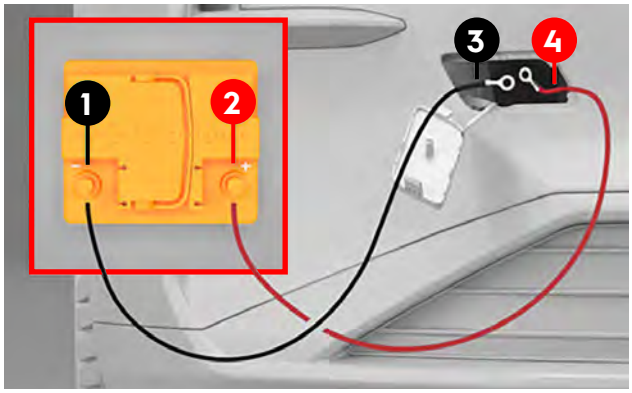
Opening side doors from outside with power

When the door is unlocked, the door handle cover folds in. To open the door, insert your hand into the hole left by the folded door handle, then touch the capacitive switch inside the hole before pulling the door outwards.

Opening side doors and trunk lid from outside without power

If no- or low battery voltage the side doors and trunk lid cannot be opened from outside. To resolve this, the vehicle must be jumpstarted, see pictures below.





1. Press the front towing eyelet cover to open it.
2. Unhook the two electrical wires from the towing eyelet cover.
3. Remove the tape from the two wires. Make sure the metal rings on the wires do not touch each other.
4. Connect the red jumper cable from the external power source (2) to the red wire (4) on your car.
5. Connect the black jumper cable from the external power source (1) to the black wire (3) on your car.

Opening side doors from inside with power

Use the door release button below the window.

Opening side doors from inside without power

Use the door release lever on the lower side of the door.

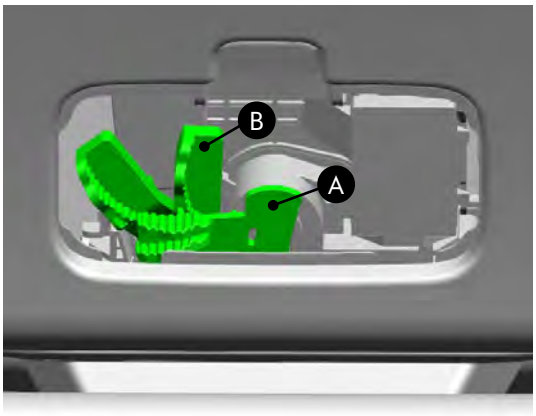
Opening the tailgate from the outside

The tailgate can be opened by pressing the button located in the middle of the tailgate, just below the rear windshield.

The tailgate can also be opened by pressing the unlock tailgate button on the key fob.

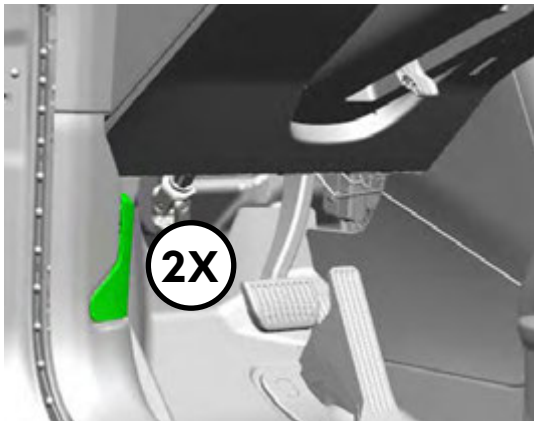
Opening the tailgate from the inside

1. Press the protective cover clip.
2. Remove the cover.



3. Push the A lever downwards, while pushing the tailgate upwards and outwards. If the tailgate lock is stuck, push both the A and the B levers downward, while pushing the tailgate upwards and outwards.

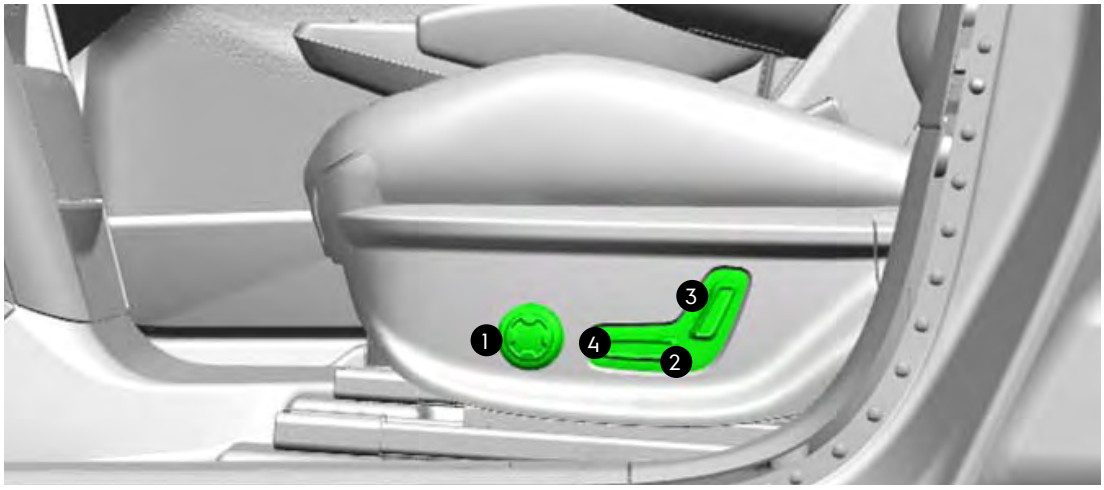
Opening the hood



Pull the hood release lever twice to open the hood.

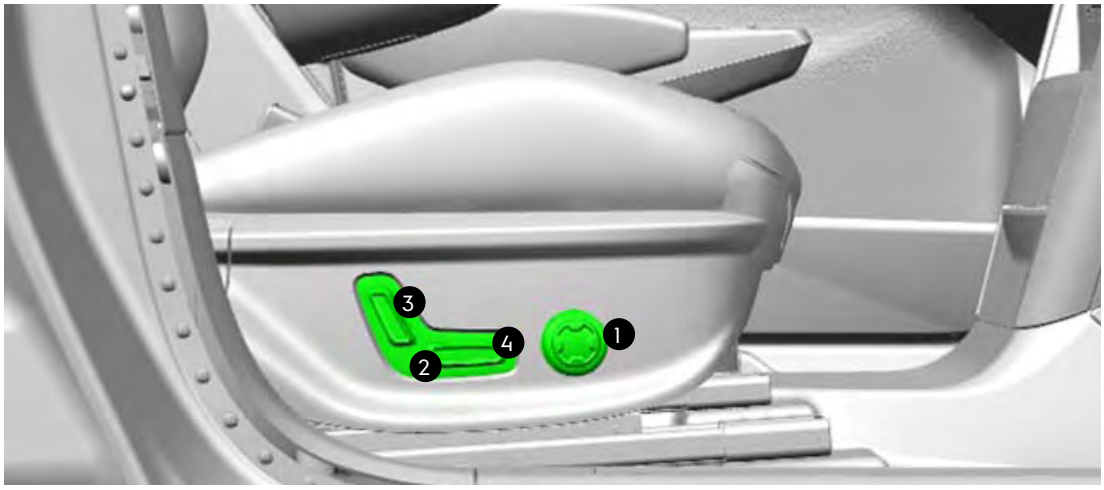
SEATS ADJUSTMENT

The driver seat can be adjusted in two ways:
• The seat buttons on the lower left side of the seat



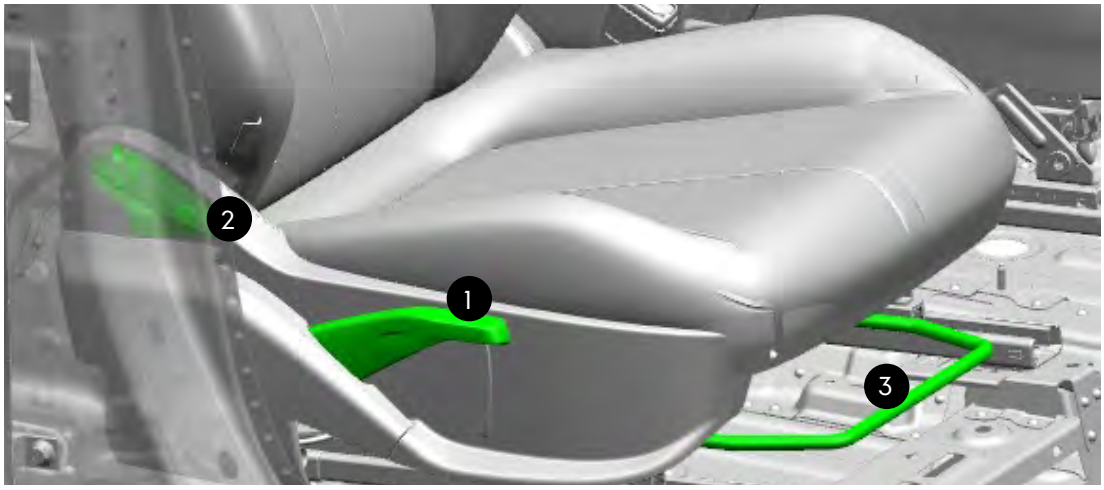
1. Adjust the lumbar support by pressing the button up/down/left/right.(Flagship & premium only)
2. Adjust the cushion height by moving the rear section of the button up and down.
3. Adjust the backrest angle by moving the button forward/backward.
4. Adjust the seat forward/backward by moving the button forward/backward.

There are three ways to adjust the front passenger seat:
• The seat buttons on the lower right side of the seat
• The manual levers on the seat (standard model only)



1. Adjust the lumbar support by pressing the button up/down/left/right.(Flagship & premium only)
2. Adjust the cushion height by moving the rear section of the button up and down.
3. Adjust the backrest angle by moving the button forward/backward.
4. Adjust the seat forward/backward by moving the button forward/backward.

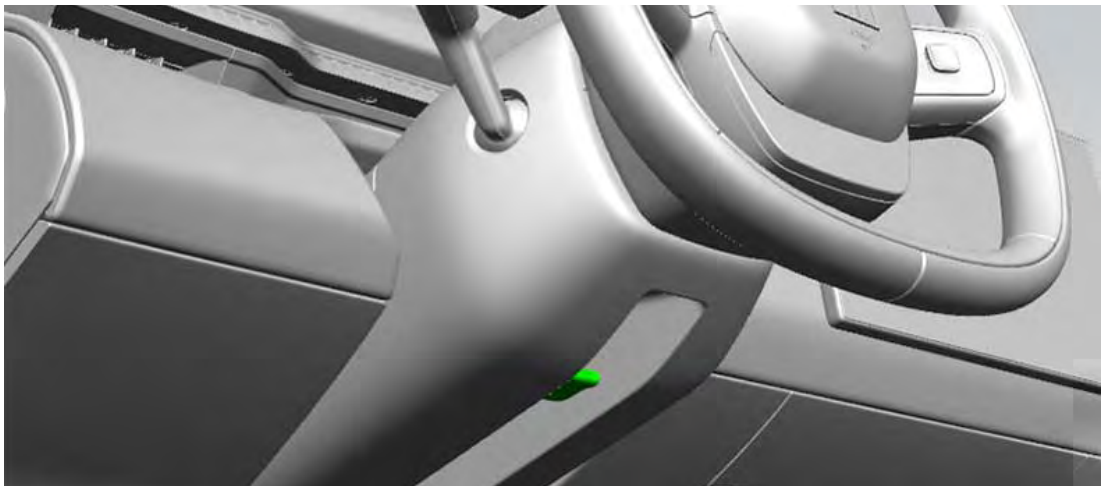
The front passenger seat is manually adjustable in three ways:



1. Lift/lower the seat handle to raise/lower the seat.
2. Lift the back rest handle and push/pull the backrest to move it forwards or backwards.
3. Lift the seat position handle below the seat and slide the seat forwards or backwards.

STEERING WHEEL ADJUSTMENT

Adjust the position of the steering wheel if necessary.



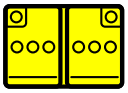
Manual steering wheel

Pull the lock lever up and adjust the steering wheel up or down, forward or rearward to the desired position.

Push the lock lever down securely to lock the steering wheel in place.

5. Stored energy / Liquids / Gases / Solids

FLUIDS AND GASES USED IN THIS VEHICLE

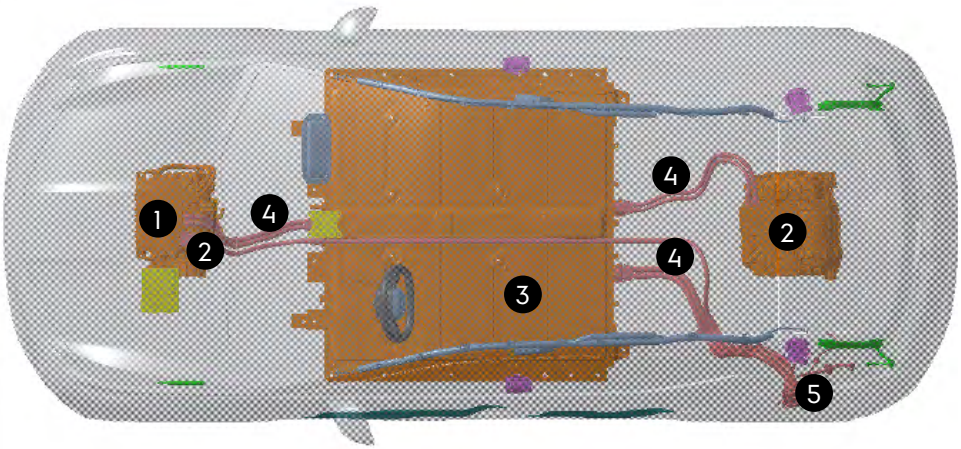
Type	Capacity	Dangers
	392 V	
	12 V	
	R-1234yf 900 +/- 20 g	

When conventional coolant leaks (check reservoir) from the high voltage (HV) battery cooling system, HV-battery can become unstable with risk of thermal runaway. An increasing HV-battery temperature might be an indicator of thermal runaway.

LOCATION OF HIGH-VOLTAGE COMPONENTS

If it is necessary to cut the vehicle body or use hydraulic cutters, etc., to rescue occupants, avoid areas near high-voltage cables and lithium-ion batteries on the underside of the vehicle body.

1. Power control unit
2. Electric motor
3. Battery pack, high-voltage
4. High-voltage cable (orange)
5. Charge port

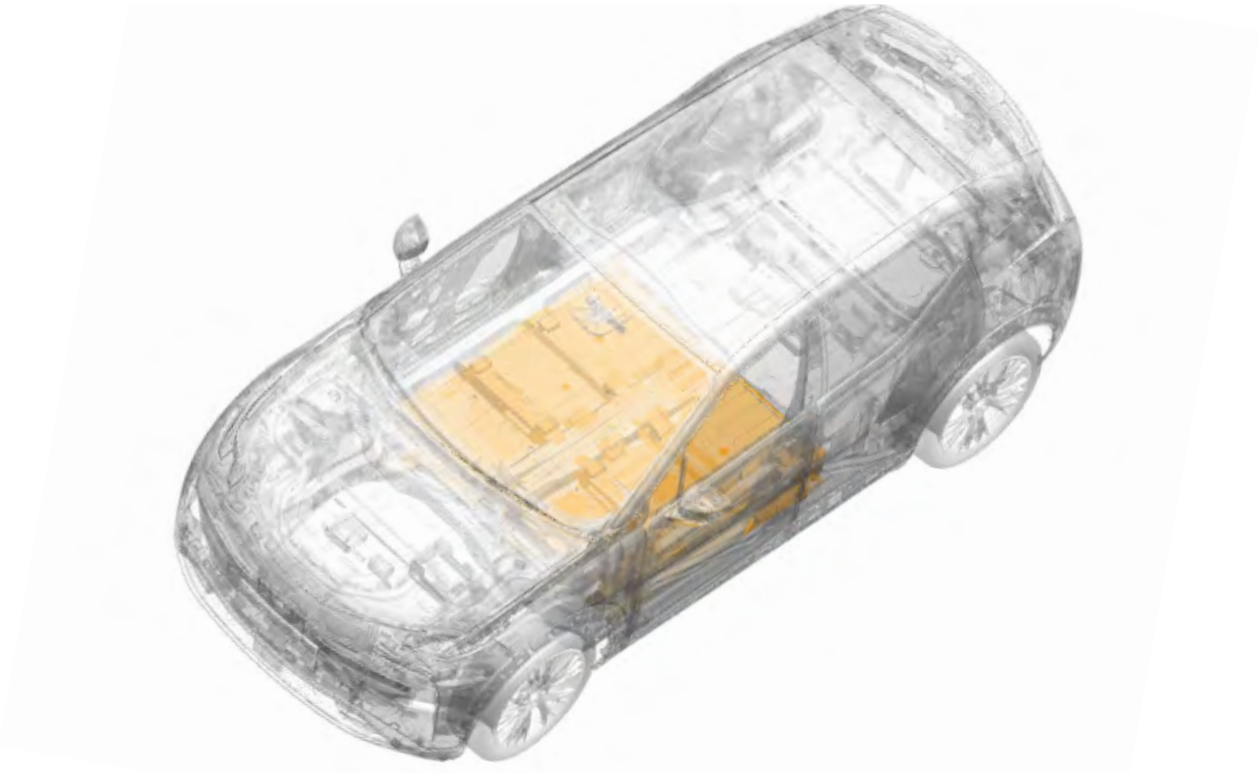


Do not disconnect high-voltage parts. In particular, lithium-ion batteries may cause serious injury or death due to severe burns or electric shock if high voltage parts are exposed by disconnection, even after the high voltage has been interrupted.

HIGH VOLTAGE BATTERY PACK

Zeekr X is equipped with a floor-mounted 400V lithium-ion high voltage battery. The battery is made up of many cells that are liquid cooled with coolant. The coolant will appear blue in color and may leak from the battery pack if the pack has been compromised during a vehicle collision. The battery cells will have stored energy within them. Never breach the high voltage battery when lifting from under the vehicle. When using rescue tools, pay special attention to ensure that you do not breach the floor pan. See chapter 2: Immobilisation / stabilisation / lifting for instructions on how to properly lift the vehicle.

Never touch, cut, or open any orange high voltage power cable or high voltage component; In case of a collision with seat belt pretensioner activation / airbag deployment, the high voltage system will be disabled automatically. The restraint systems are still active. Wear appropriate PPE.



The battery assembly cover should never be breached or removed under any circumstances, including fire. Doing so might result in severe electrical burns, shocks, or electrocution.

6. In case of fire

Responders should always protect themselves with Personal Protective Equipment (PPE), including a Self-Contained Breathing Apparatus (SCBA), and take appropriate measures to protect civilians downwind from the incident.

EXTINGUISHING METHOD FOR THE HIGH VOLTAGE (HV) BATTERY:

LARGE AMOUNTS OF PURE WATER

POTENTIAL RISK OF HV-BATTERY FIRE RE-IGNITION / DELAYED FIRE!

7. In case of submersion

SUBMERGED VEHICLE

1. There is no increased risk of electric shock in water resulting from the high voltage system.

2. If possible, remove the vehicle from the water and continue with the deactivation procedure for this vehicle (see chapter 3)

3. If water enters the driving battery, hydrogen gas may be generated. When seawater enters, a large amount of hydrogen gas is generated by rapid electrolysis due to salinity, which may cause a fire.

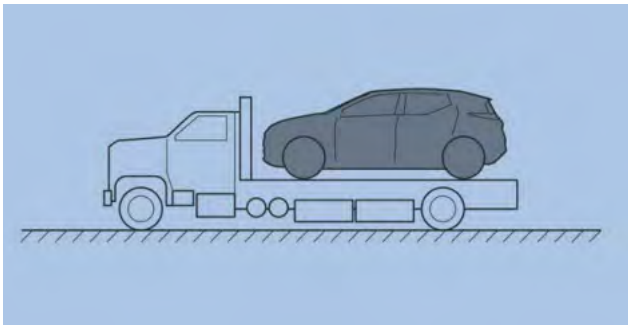
Responders should always protect themselves with Personal Protective Equipment (PPE), including a Self-Contained Breathing Apparatus (SCBA), and take appropriate measures to protect civilians downwind from the incident.

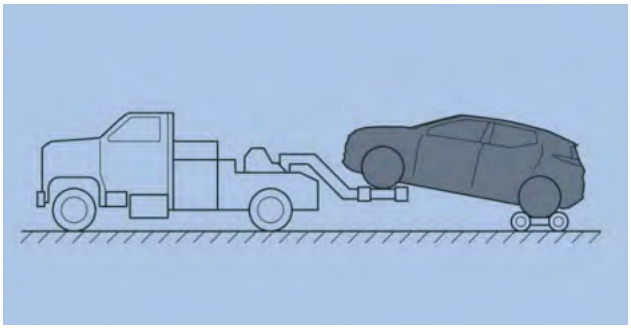
8. Towing / transportation / storage

TOWING GUIDELINES

Towing should be carried out in accordance with the following guidelines.
- Lift all four wheels or the front wheels.
- Tow chains or cables must be attached only to main structural parts of the vehicle.
- Do not use bumpers to lift vehicles.
- Do not tow the vehicle in a way that causes damage to the vehicle.
- If the front and rear wheels are stuck, the four wheels shall be lifted and transported.
- If the N position is not reached, the four wheels shall be lifted and transported.
- Towing according to road traffic laws.

Zeekr strongly recommends towing the X with all four wheels off the ground. Only the options shown in the image below are valid towing options, either with the car on a flatbed truck or with lifted front wheels and the rear wheels on a dolly. Make sure the wheels cannot rotate during towing.





Before pulling the car onto a flatbed truck, the car must be put in tow mode. Tow mode is only used when pulling the car onto a flatbed truck.

To enter tow mode and towing the car:

1. Make sure the key is in the car. If it is an NFC key, place it on the induction area of the wireless charging pad.
2. Open and close the driver door once.
3. Press and hold the hazard lights warning switch for 7 seconds, until the warning light on the driver display turns on.
4. Shift into neutral (N) and release the parking brake.
5. Once the car has been pulled onto the flatbed truck, engage the electronic parking brake, and exit tow mode.

To exit tow mode:

- Shift into park (P) and lock the car from the outside.

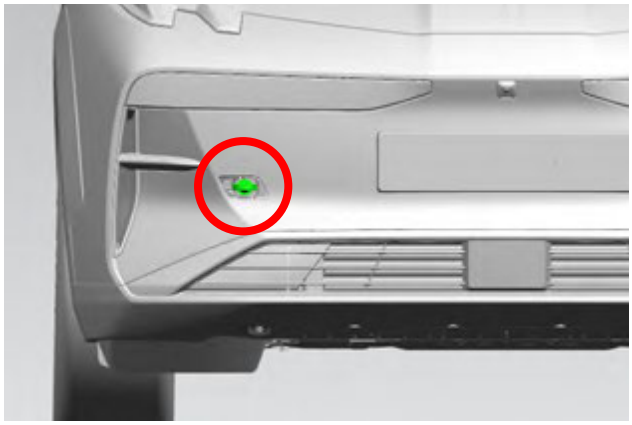
If you have ever accidentally entered tow mode, you can exit tow mode as follows:

- Shift into Drive (D) or Reverse (R).

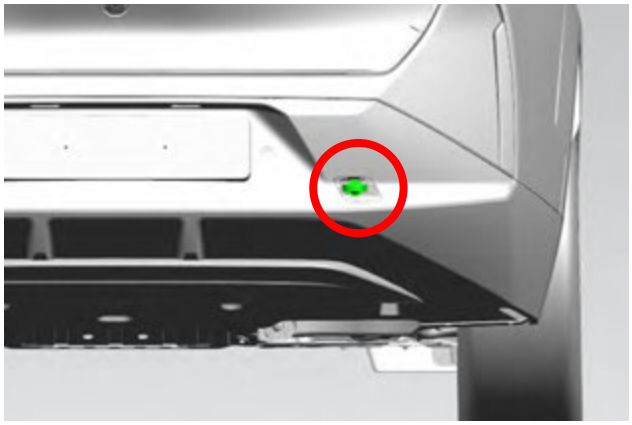
Note If the 12V battery does not have power, the car cannot be put in tow mode or shifted into N. In this case, the 12V battery must be jumpstarted before the car can be towed.

Recovery hook storage

Location front hook



Location rear hook



STORE VEHICLE IN AN OPEN-AIR PARKING AT A SAFE DISTANCE ≥ 5M FROM OTHER OBJECTS OR VEHICLES!

POTENTIAL RISK OF HV-BATTERY FIRE RE-IGNITION / DELAYED FIRE!

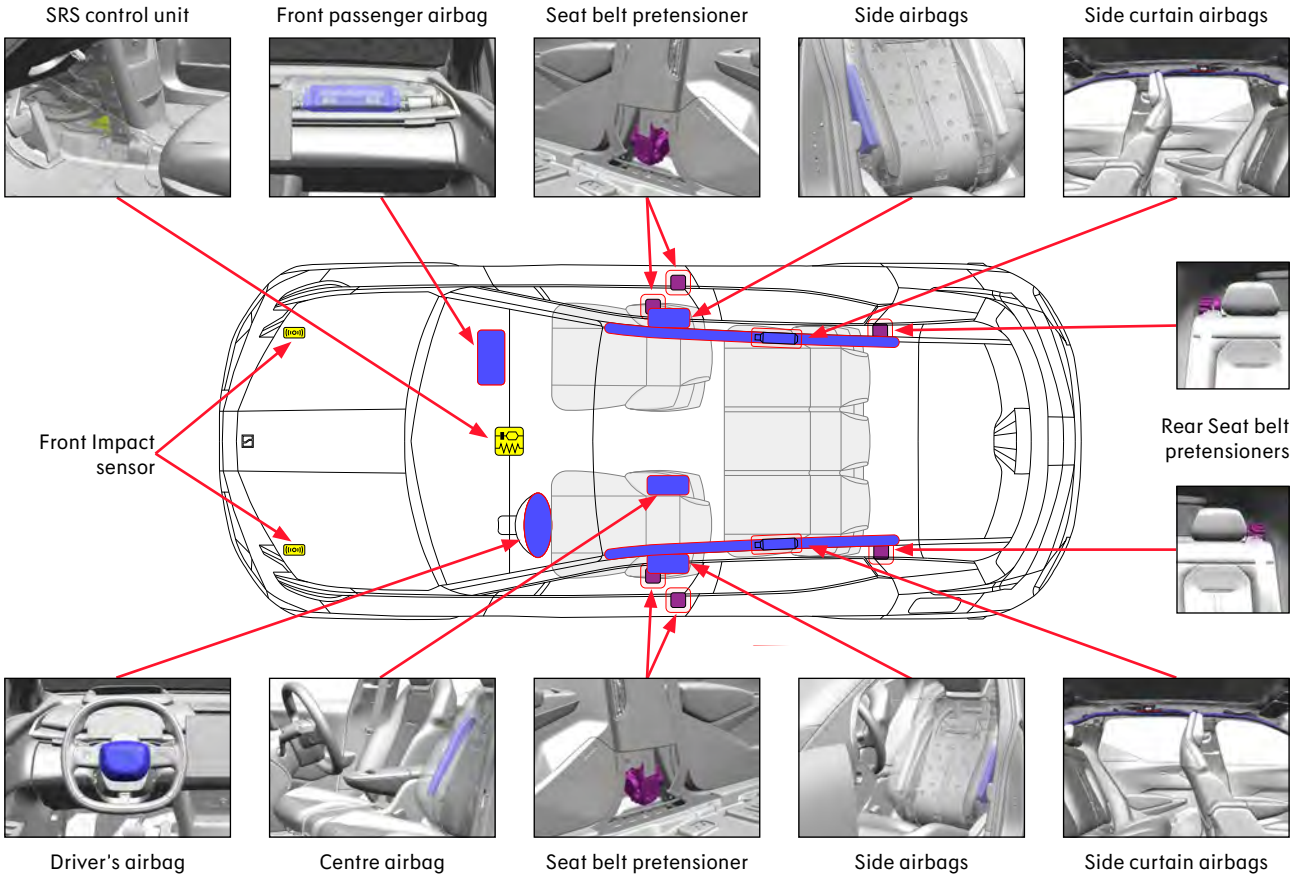
9. Important additional information

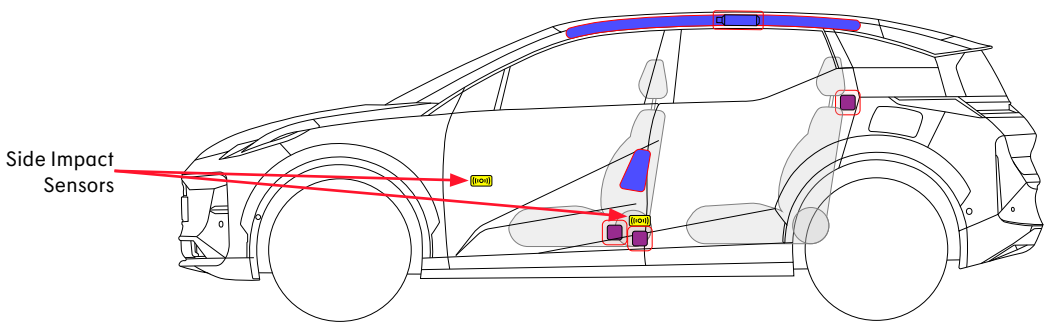
PASSIVE SAFETY SYSTEM

Passive safety system mainly consists of airbag system and safety belt system. When a vehicle crashes, the passive safety system can effectively reduce the personal injury caused by the collision to the driver and passengers in the vehicle.

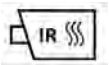
The SRS Module (SRS) determines the type and severity of the collision based on data sent from the collision sensor and/or the door pressure sensor, and controls the belt retractor to tighten or the airbag to deploy, depending on the collision type and severity.

The airbag's inflator contains a detonator. Airbags work through detonators and gas generators. When the airbag is deployed, the detonating agent burns, and the air pressure increases, causing the gas in the gas generator to enter the airbag, and the airbag is deployed. The retractor with pretightening function activates the retractor and locks the seat belt in the event of a collision, effectively reducing the distance forward movement of the driver or passenger. Driver side seat belt retractor with motor pretightening function.





10. Explanation of pictograms used

	Warning, Electricity		Electric vehicle
	General warning sign		Flammable
	Warning; low temperature		Hazardous to the human health
	Air-conditioning component		Acute toxicity
	Use water to extinguish the fire		Explosive
	Use thermal infrared camera		Corrosives
	Bonnet		Seat height adjustment
	Boot		Seat adjustment, longitudinal
	Steering wheel, tilt control		Stored gas inflator
	Airbag		Seat belt pretensioner
	SRS control unit		Battery low voltage
	Battery pack, high-voltage		Cable cut