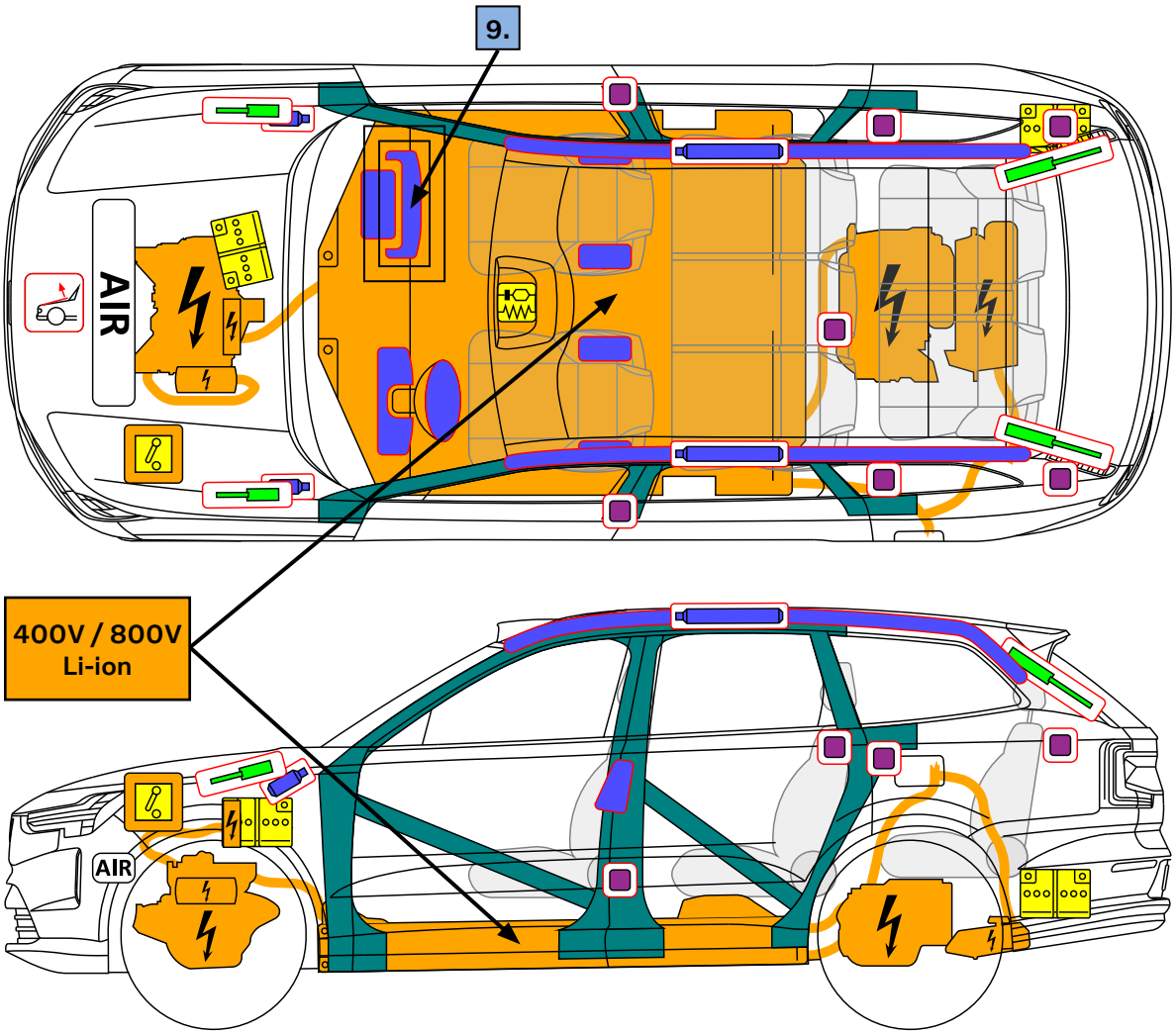
VOLVO

Volvo EX90
5dr SUV
(2024 -)



Airbag

Stored gas inflator

Seat belt pretensioner

SRS control unit

Battery low voltage

Gas strut / Preloaded spring

High strength zone

Low voltage device that disconnects high voltage

High voltage component

Battery pack, high-voltage

High voltage power cable

Pedestrian protection active system

AIR Air tank

Zone requiring special attention

Volvo EX90 5dr SUV (2024 -) Additional Pages

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.

Brand name front

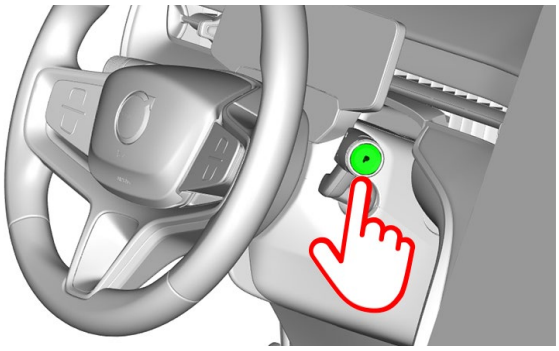
Model name rear

Charge port

2. Immobilisation / stabilisation / lifting

Immobilise vehicle:

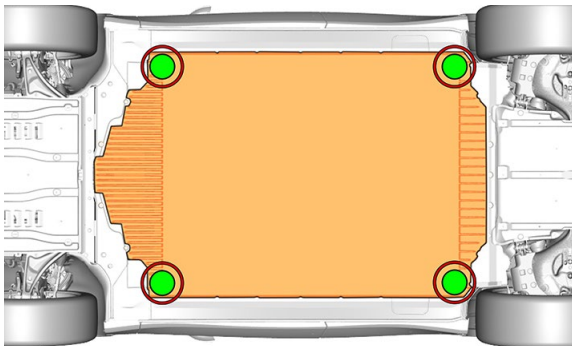
1. Block wheels and set parking brake
2. Push the P (park) button to select the P (park) position
3. Then, electronic key and keep at least 10 ft. (3 m) away from the vehicle



Lifting points:

Appropriate lifting points

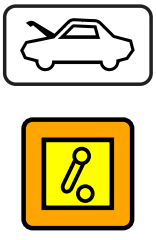
High voltage battery

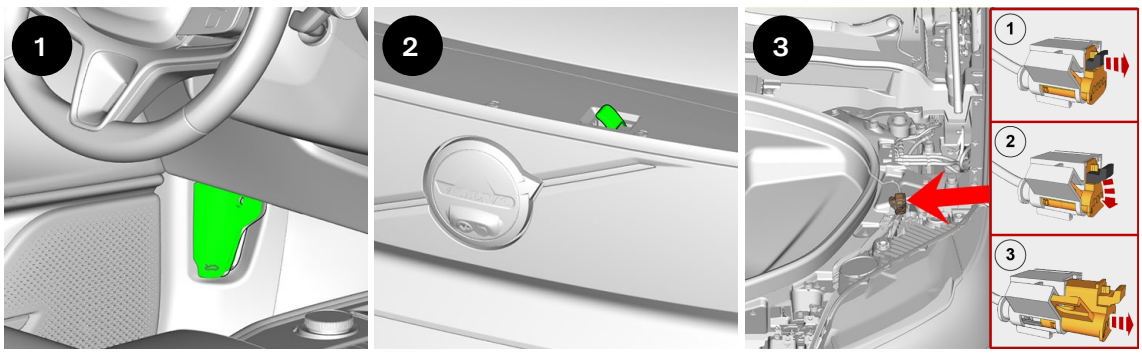


3. Disable direct hazards / safety regulations

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

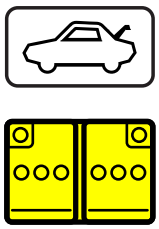
Main method:

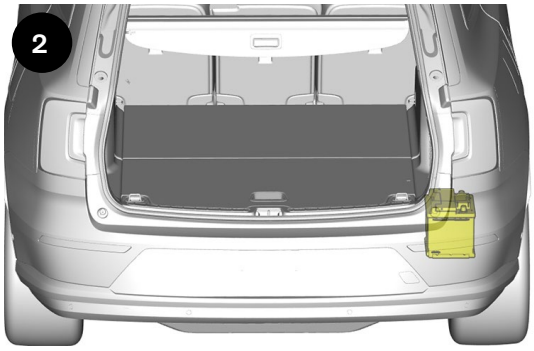


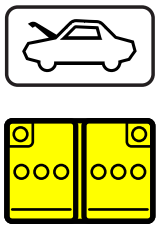


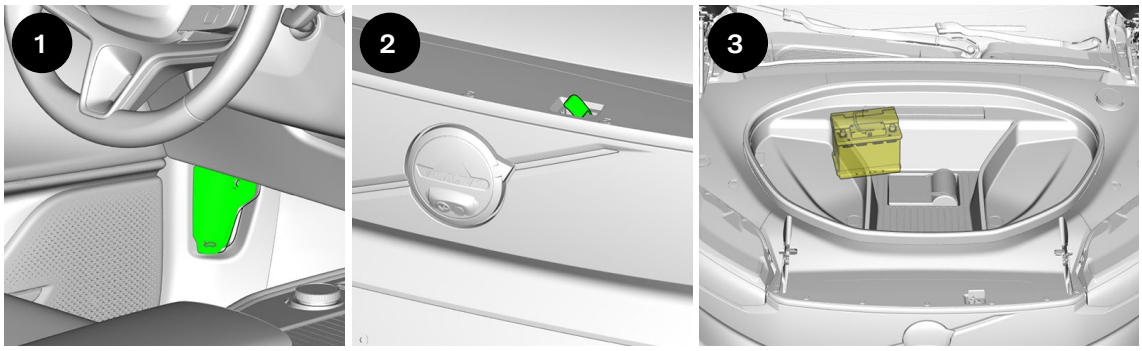
Caution! After the procedure, the high voltage circuit requires 10 seconds to deplete.

Disconnect 12 Volt batteries





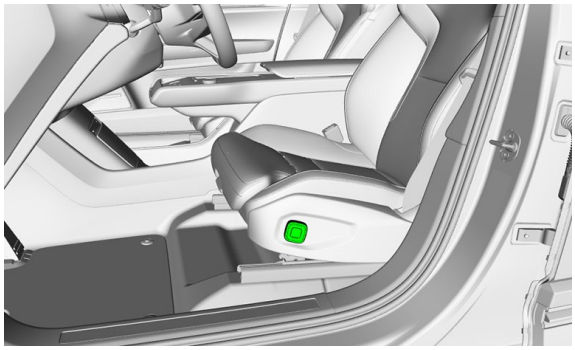




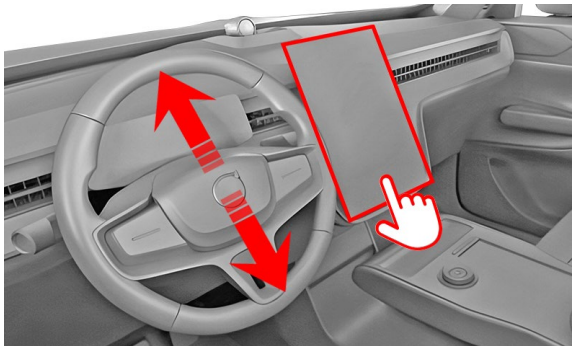
Safety instructions
Always assume the vehicle is powered, even if it is silent!
Make sure that the vehicle is immobilized and the propulsion system is deactivated; Never touch, cut, or open any orange high voltage power cable or high voltage component; In case of a collision with seat belt pretensioner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

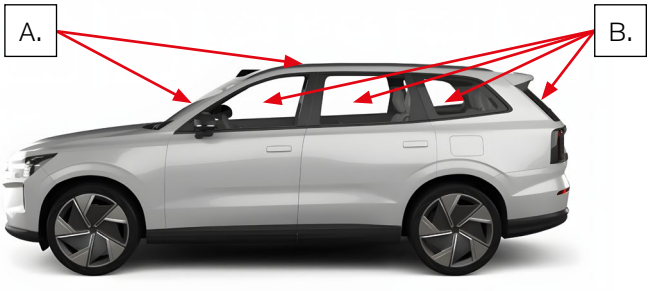
4. Access to the occupants

Electrical seat adjustment



Steering wheel, tilt control





Glass types

A. Laminated glass
B. Tempered glass with optional laminated glass

5. Stored energy / liquids / gases / solids

Li-ion	400V / 800V	
	12V	
	R-1234yf 850g - 900g	
AIR	18 - 19 bar	

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.

6. In case of fire

Extinguishing method for the high voltage (HV) battery:

LARGE AMOUNTS OF PURE WATER

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

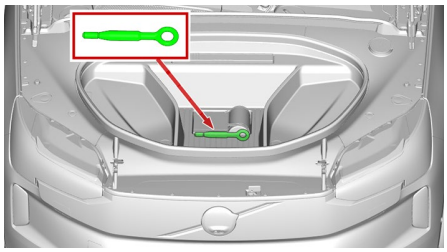
IR

7. In case of submersion

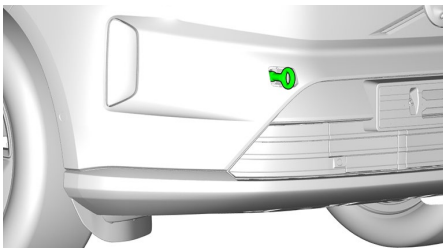
- There is no increased risk of electric shock in water resulting from the high voltage system
- If possible, remove the vehicle from the water and continue with the deactivation procedure for this vehicle (see chapter 3)

8. Towing / transportation / storage

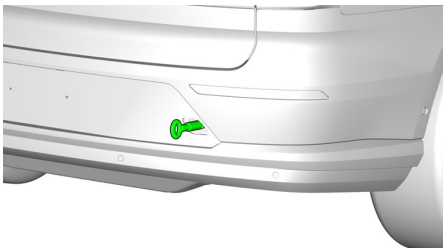
Recovery hook storage



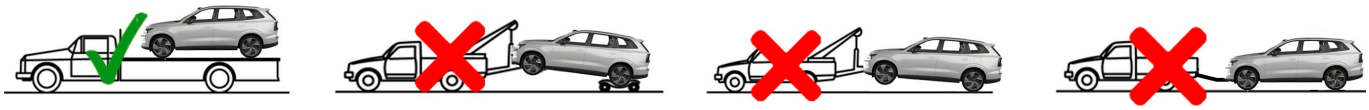
Location front hook



Location rear hook

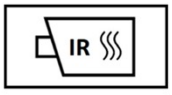


Towing



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

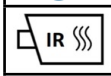
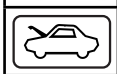
POTENTIAL RISK OF HV-BATTERY FIRE RE-IGNITION / DELAYED FIRE!



9. Important additional information

The passenger knee airbag is only installed in the United States of America.

10. Explanation of pictograms used

	Electric Vehicle		Boot
	Warning, Electricity		Gases under pressure
	General warning sign		Flammable
	Warning; low temperature		Hazardous to the human health
	Air-conditioning component		Acute toxicity
	Use water to extinguish the fire		Corrosives
	Use thermal Infrared camera		Explosive
	Bonnet		