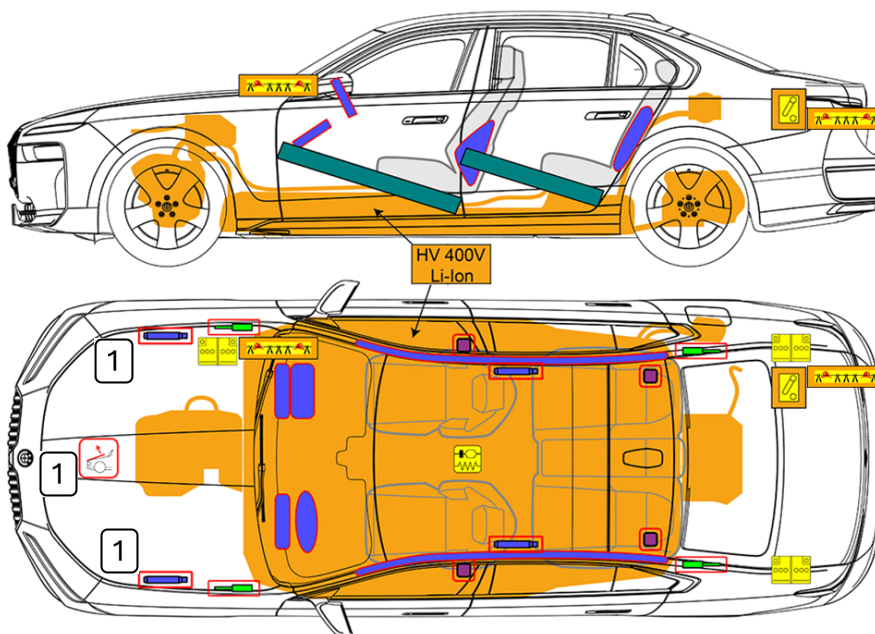




BMW i7 G70 BEVE

Sedan

from 06/2022



	Airbag		Gas generator		Belt tensioner		Supplementary Restraint System control unit		Active pedestrian protection
	Gas-filled shock absorber / preloaded spring		Body reinforcement		High voltage disconnect (operating solution)		Low voltage battery		High-voltage battery
	High-voltage cable / component		High voltage separation point						

1) Not equipped on US and Canadian market vehicles

1. Identification / detection

The absence of engine noise does not mean that the vehicle has been turned off. Quiet movement or restart capability is possible until the vehicle has been switched off completely. Wear appropriate personal protective equipment.

Vehicle identification features

Model designation "i7"

The blue outline around the badge indicates a high-voltage vehicle

High-voltage charging socket at the right rear side panel



2. Immobilization / stabilization / lifting

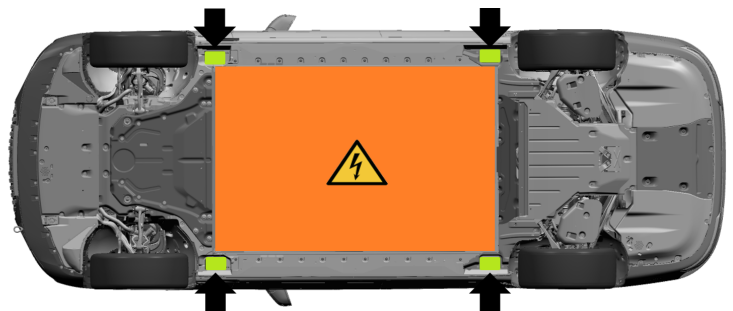
Immobilization

1. Press the "Start / Stop" off button of the vehicle

2. Press the vehicle's "parking brake button"



Stabilization points/lifting points



3. Eliminate direct dangers / safety regulations

Procedure for deactivation

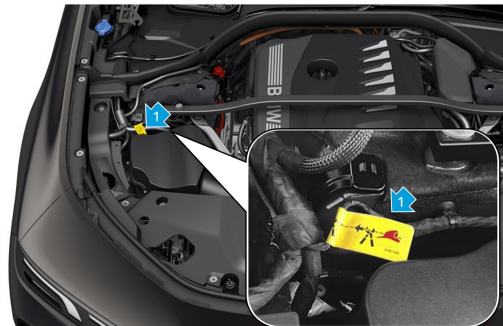
Standard method



1. Open hood



2. Remove cover (1). Cut through the low-voltage cable (2), which is marked with a label, to deactivate the high-voltage system.



Alternative method



1. Open the tailgate and remove the cover on the right side.



2. Press down the catch (1) and pull it out to interrupt the circuit (2). Pull apart the connector in the direction of the arrow.

3. The high-voltage system is deactivated when the drilled hole is completely visible.



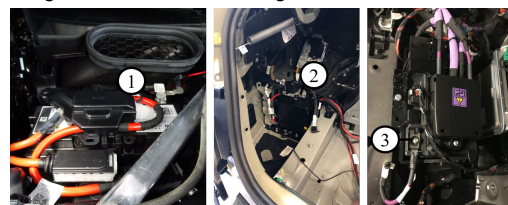
4. Disconnect the 12V battery.



Disconnecting the negative terminal of the 12V battery

The low voltage battery is located on the front passenger side in the front section and in the cargo area on the left and right of the vehicle.

1. Remove covers
2. Slacken nuts (1), (2) and (3) and pull off negative battery cables upwards
3. Cover the negative battery terminals to prevent contact with the negative battery cable



4. Access to the occupants

Interfaces

1 Interfaces for removing the roof

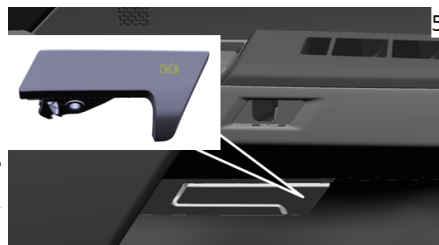
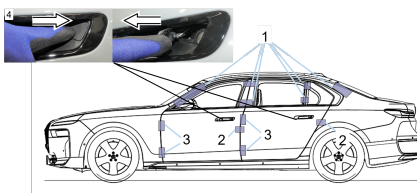
2 Door lock

3 Door hinges

Mechanical emergency unlocking

4 Mechanical outside handle

5 Mechanical inside handle



5. Stored energy / fluids / gases / solids

Identification of the high-voltage battery

		48V
		400V
		900g

Identification of the remaining high-voltage components

6. In the event of a fire



Even after a fire, there is an electrical risk. Injury hazard!

Use personal protective equipment identical to the equipment used for conventional vehicle fires.



BGI / GUV-I 8677 Electrical risks at the location of deployment. Injury hazard!

Do not touch any high-voltage components.

Maintain a safety distance when extinguishing the fire:

- 1 m for spray jet
- 5 m for direct jet



Extinguish the fire with large quantities of water.

To do so, open the hood if possible and direct the extinguisher jet in these areas toward the underbody / high-voltage battery. In addition, water can be added through the wheel wells. Large amounts of water are required to cool the battery.



Use a thermal imaging camera to detect a temperature increase in high-voltage components

7. In the water

Vehicle partially or completely submerged in water

After the vehicle has been salvaged from the water, remove the high-voltage safety plug and disconnect the low-voltage battery (negative terminal) to switch off the high-voltage system.



After the vehicle has been salvaged from the water:

- Monitor vehicle closely
- Park vehicle outside and far from flammable materials
- Ensure clear access to the firefighters

8. Towing / transportation / storage



Removing the vehicle from the immediate hazardous area at walking speed is generally permitted.

Transportation is permitted on a truck only. Other variants of towing the vehicle are prohibited. Securing the vehicle by its wheels is recommended.

Use only the tow fitting in the vehicle and screw it in securely all the way to the stop.

Use the towing eye only for towing on a paved road. Prevent transverse loads on the tow fitting. For example, do not lift the vehicle by the towing eye

Electric vehicles with damaged batteries or with a red high-voltage warning light must be parked outside buildings with a safety distance of 5 m from adjacent vehicles/objects

If 5 m is not feasible, vehicles should be parked next to non-flammable structures such as concrete barriers.



High-voltage battery: Repeat ignition is possible!

9. Important additional information

This document presents the maximum configuration of the vehicle.