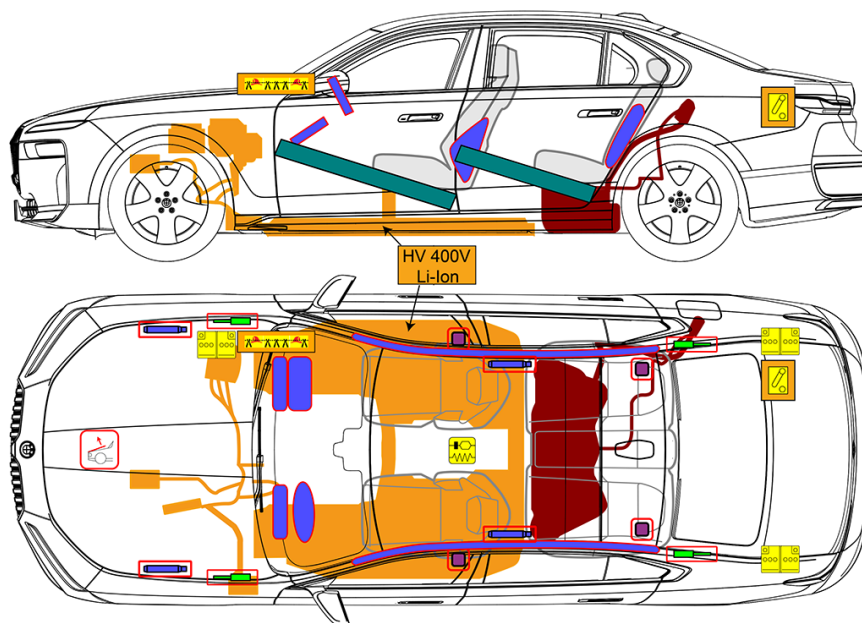




BMW 7er Reihe G70 PHEV

Saloon

From 06/2022



	Airbag		Gas generator		Seat belt tensioner		Supplementary Restraint System control unit		Active pedestrian protection
	Gas-filled shock absorber / preloaded spring		Body reinforcement		High-voltage disconnect (rescue disconnect)		Low-voltage battery		Fuel tank
	High-voltage battery		High-voltage cable / component		High-voltage disconnect				

*Switch off the ignition to avoid the risk of an electric arc when disconnecting.

1. Identification / detection

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

Vehicle identification features

Model designation "7e"

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

High-voltage charging socket on the front left side panel



2. Immobilising / stabilising / lifting

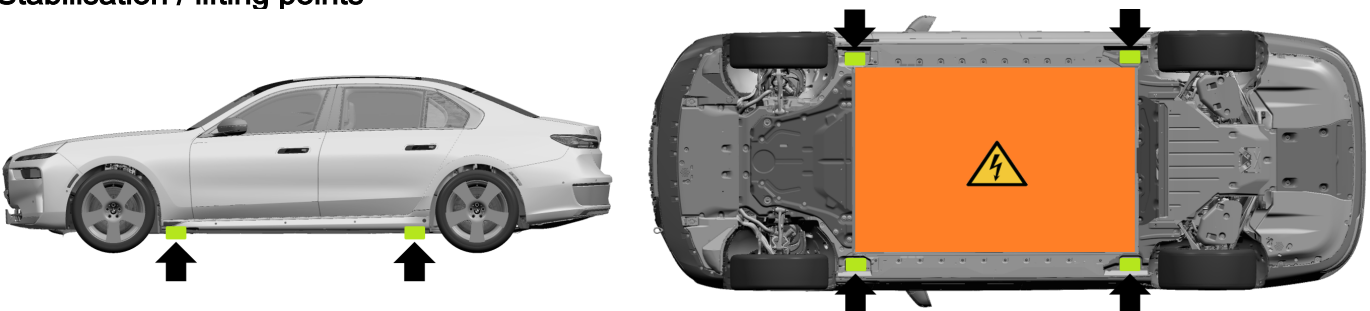
Immobilisation

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

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



Stabilisation / lifting points



3. Eliminate direct dangers / safety regulations

Procedure for deactivation

Standard method



1. Open bonnet



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



Alternative method



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

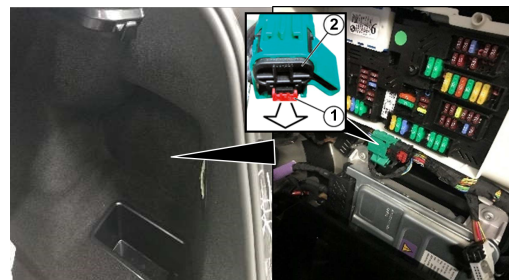


2. Press the catch (1) downwards and pull it out to disconnect current (2). Pull the connector apart in the direction of arrow.

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



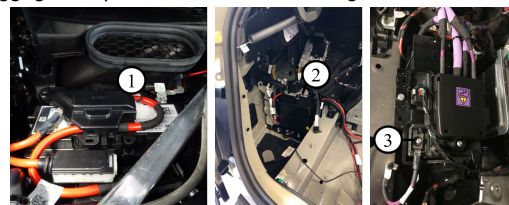
4. Disconnect the 12 V battery.



Disconnecting the negative terminal of the 12 V battery

The low-voltage battery is located on the passenger's side in the front section and in the luggage compartment on the left and right of the vehicle.

1. Remove covers
2. Slacken the nuts (1), (2) and (3) and pull the negative battery cables out toward the top
3. Cover the negative battery terminal to prevent contact with the negative battery cable



4. Access to the passengers

Interfaces

1 Interfaces in order to remove the roof

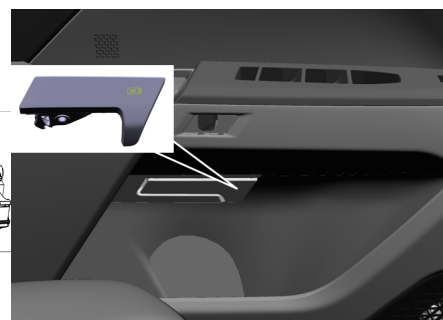
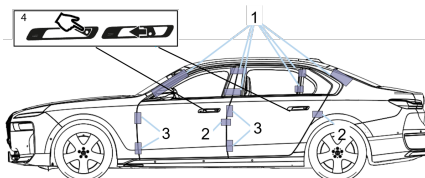
2 Door lock

3 Door hinge

Mechanical emergency release

4 Mechanical outside handle

5 Mechanical inside handle



5. Stored energy / fluids / gases / solids

Identification of the high-voltage battery



Identification of the remaining high-voltage components



6. In the event of a fire



There is an electrical risk even after a fire. Danger of injury!

Use personal protective equipment identical to that for conventional vehicle fires.



BGI / GUV-I 8677 electrical risks at the place of deployment. Danger of injury!

Do not touch high-voltage components.

Maintain safety distance when extinguishing:

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



Extinguish with large quantities of water.

To do so, if possible, open the engine bonnet and direct the extinguishing agent in these areas towards the vehicle underbody / high-voltage battery. Water can also be added via the wheel arches. Large amounts of water are required to cool the battery.



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

7. In water

Vehicle in and under water

After the vehicle has been recovered 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 recovered from the water:

- Observe vehicle precisely
- Park vehicle outdoors and far from flammable substances
- Ensure access for the fire service

8. Towing away / transportation / storage



As a general principle, removing the vehicle from the immediate danger zone at walking speed is permitted.

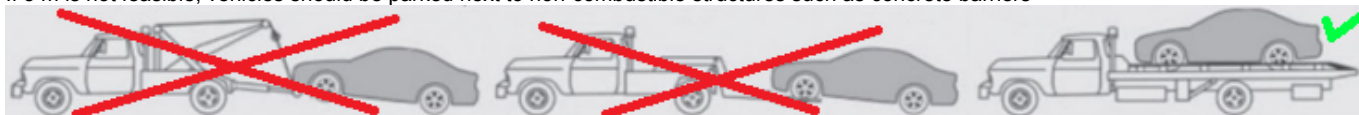
Transport is permitted exclusively by truck. Other variants of towing of the vehicle are prohibited. It is recommended to secure the vehicle by its wheels.

Only use the towing eye supplied in the vehicle and screw in firmly to the limit position.

Only use the towing eye for towing away on a paved roadway. Avoid transverse loads on the towing eye. For example, do not lift the vehicle by the towing eye

Electric vehicles with damaged batteries or with a red high-voltage warning light should 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-combustible structures such as concrete barriers



High-voltage battery: Repeated ignition is possible!

9. Important additional information

This document presents the maximum configuration of the vehicle.