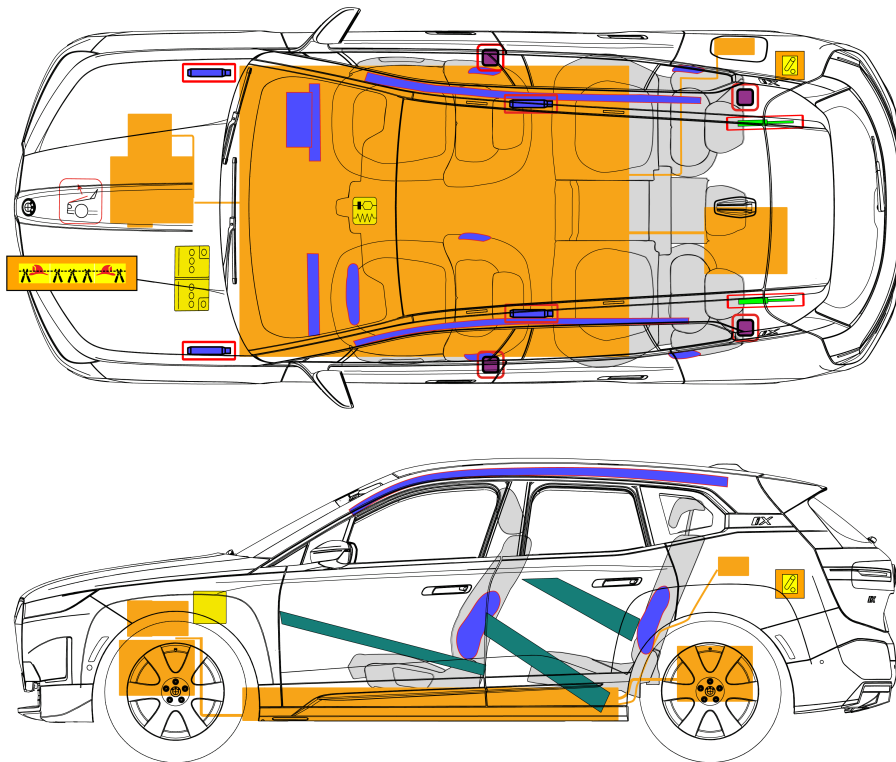
















**BMW iX I20**  
SUV  
07/2021



	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		High-voltage battery
	High-voltage cable / component		High-voltage disconnect						

\*Switch off the ignition to avoid this 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

High-voltage charging socket on the rear right side panel

Model designation "ix"



## 2. Immobilisation / stabilisation / lifting

### Immobilisation

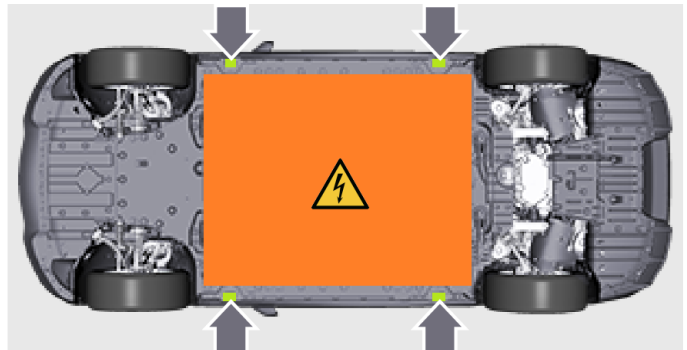
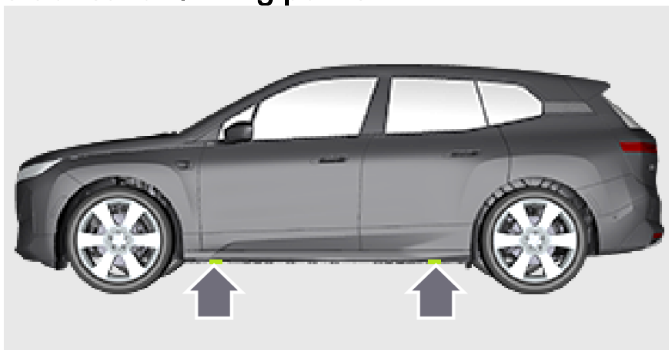
1. Press the "Start / Stop" button to switch off the vehicle



2. Activate the parking brake button



### Stabilisation / lifting points



## 3. Eliminate direct dangers / safety regulations

### Procedure for deactivation

## Standard method

1. Unclip the wire loop (1) under the instrument panel
2. Unlock the bonnet catch by pulling on wire loop (1)
3. Perform the steps on the left and right side

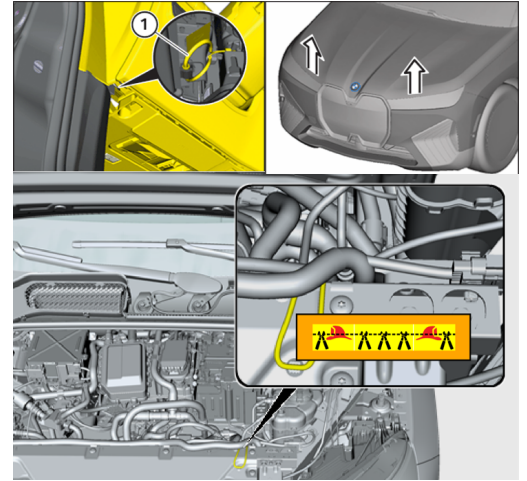


2. Open engine compartment lid

4. In order to simplify access to the passenger compartment, open windows before the 12 V power supply is disconnected.



5. Cut through the low-voltage cable marked with a label to deactivate the high-voltage system.



## Alternative method



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

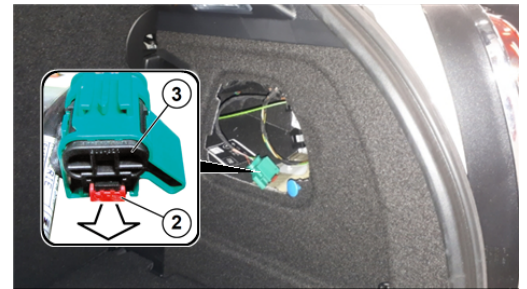


2. Press the catch downwards and pull it out to disconnect current (2). Pull the connector apart in the direction of the arrow(3).

3. The high-voltage system is deactivated when the drilled hole (4) is completely visible.



4. Disconnect the 12 V battery.



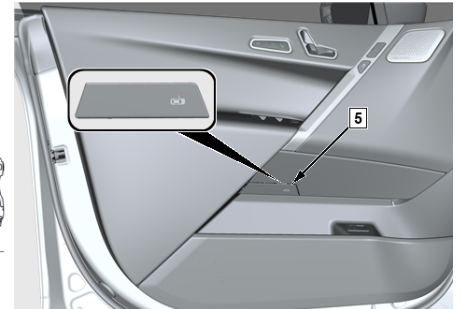
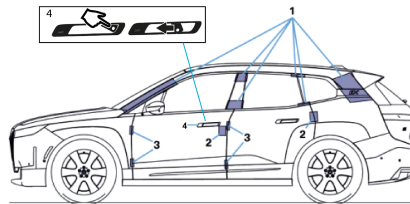
## 4. Access to the passengers

### Interfaces

- 1 Interfaces in order to remove the roof
- 2 Door lock
- 3 Door hinge

### Mechanical emergency release

- 4 External mechanical handle
- 5 Internal mechanical 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 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 quantities of water are required to cool down 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 on a paved road. Avoid transverse loads on the towing eye. For example, do not raise 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.