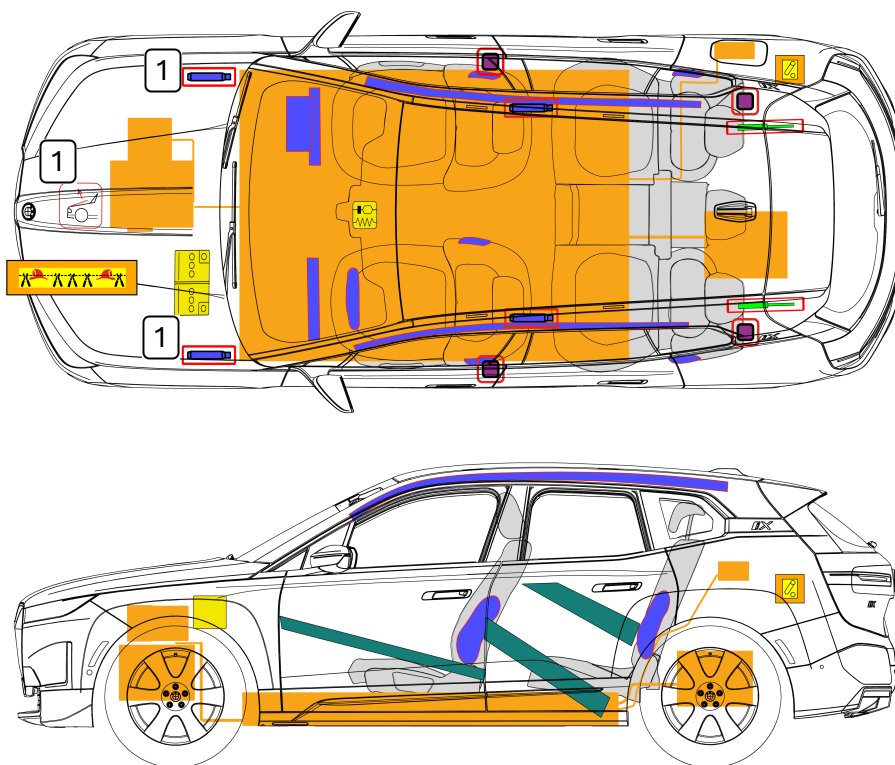




BMW iX I20
SUV
07/2021



	Airbag		Stored gas inflator		Seat belt pretensioner		SRS control unit		active pedestrian protection
	Gas strut / Preloaded spring		Body reinforcement		High voltage disconnect (operating solution)		Battery low voltage		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

High-voltage charging socket at the right rear side panel



Model designation "iX"



2. Immobilization / stabilization / lifting

Immobilization

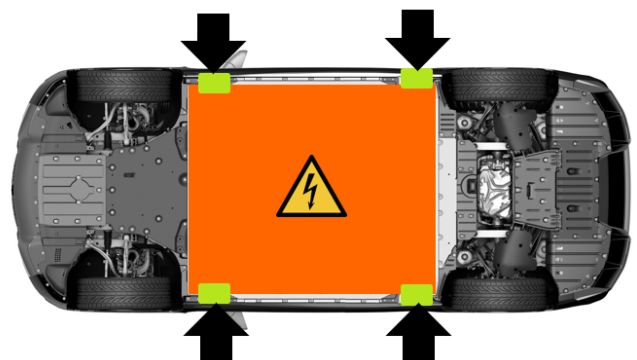
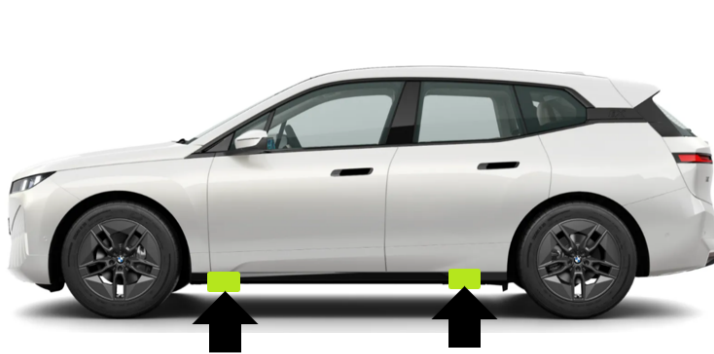
1. Press the "Start / Stop" button to turn off the vehicle



2. Press the parking brake button



Stabilization points/lifting points



3. Disable direct hazards / safety regulations

Procedure for deactivation

Version 1



1. Open hood



2. Cut through the labeled low-voltage cable (1) to deactivate the high-voltage system.



Version 2



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

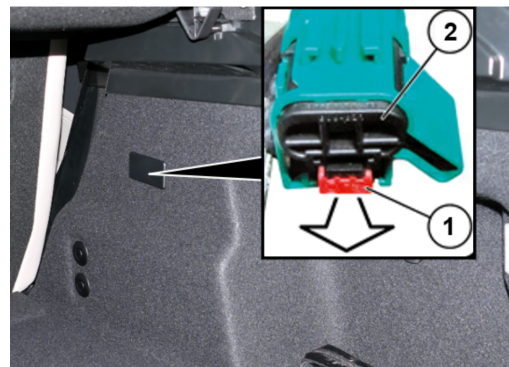


2. Press down catch (1) and remove it to disconnect the power supply (2). Pull apart the connector in the direction of the arrow.

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



4. Disconnect the 48V battery.



Disconnect high voltage power cable from the vehicle

The vehicle must be unlocked.

Detaching the high voltage power cable



4. Access to the occupants

Interfaces

1 Interfaces for removing the roof

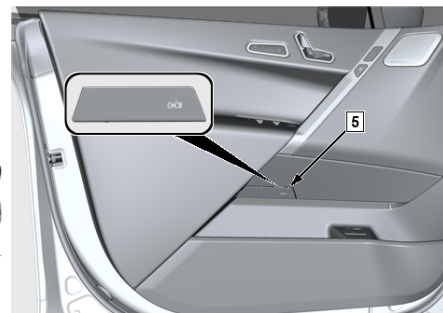
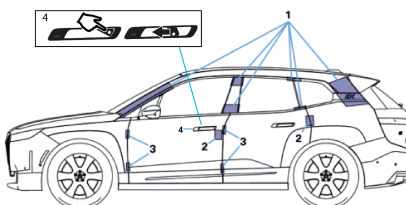
2 Door lock

3 Door hinges

Mechanical emergency unlocking

4 External mechanical handle

5 Internal mechanical handle



5. Stored energy / liquids / gases / solids

		48V
		400V
		1160g

6. In case of fire



Even after a fire, an electrical risk remains. Risk of injury!

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



BGI / GUV-I 8677 Electrical risks at the location of deployment. Risk of injury!

Do not touch 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 wheelwells. Large quantities of water are required to cool the battery down.



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

7. In case of submersion

Vehicle in water and submerged in water

After the vehicle has been salvaged from the water, remove the high-voltage service disconnect and disconnect the Battery low voltage (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 away from flammable materials
- Ensure clear access for 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 towing eye in the vehicle and screw it in securely all the way to the stop.

Use the tow fitting only for towing on a paved road. Prevent 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 must be parked outside of buildings with a safety distance of 5 m to adjacent vehicles/objects.

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



Battery pack, high-voltage: Repeat ignition is possible!

9. Important additional information

This document shows all national-market versions and the maximum equipment of the vehicle.