



Airbag



Gas generator



Seat belt pretensioner



SRS control unit



Active pedestrian protection system



Gas strut / Preloaded spring



Low-voltage bat-



Battery pack, High-voltage



High voltage power cable



High voltage component



Cable cut

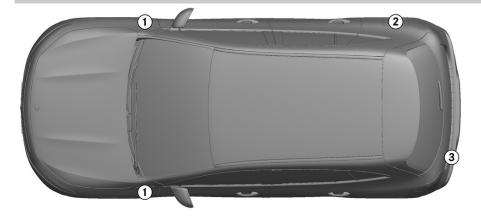


Low voltage device that disconnects high voltage

Mercedes-Benz EQA 250 SUV (H243), as of 2021



1. Identification / recognition







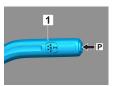




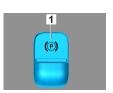
2. Immobilisation / stabilisation / lifting

Parking brake



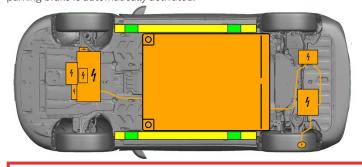






Press the P switch on the gear selector (1). The parking brake is automatically activated.

Electric parking brake (1)









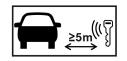


Additional deformation of the door sills and the underbody (e.g. through support with hydraulic equipment) must be avoided during the rescue.

3. Disable direct hazards / safety regulations

Switch off the ignition:

- 1. Press the START/STOP button without actuating the service brake.
- 2. Keep the electronic vehicle key at a distance of at least 5 m.







The absence of engine noise does not mean that the vehicle is switched off.



A restart is possible until the vehicle is switched off.

Deactivation of the high-voltage system



The high-voltage system is automatically switched off in the event of accidents in which the airbags and seat belt pretensioners trigger.

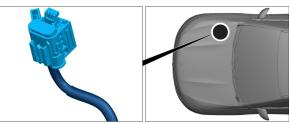






In all other cases, the high-voltage system should be deactivated as follows:

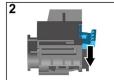
Option 1: High-voltage disconnect

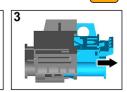


The high-voltage disconnect is located in the engine compartment on the passenger side.







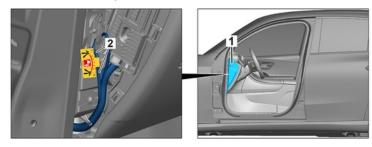


- (1) Pull the release
- (2) Push the release down
- (3) Pull out the switch



Option 2: Alternative high-voltage disconnect

The alternative high-voltage disconnect is located under the cover of the fuse box in the cockpit on the driver's side. It is indicated with a sign.



Remove the cover (1). Cut the cable at the marked point (2).



In order to ensure that there is no longer any residual voltage in the high-voltage system, wait approx. 20 seconds after switching it off.



The passive safety systems such as airbags and seat belt pretensioners will continue to be supplied with power by the 12-volt electrical system.



Disconnecting the 12 V/48 V battery



- 1. Remove the cover from the 12/48-volt battery in the engine compartment.
- $2.\ Disconnect\ the\ negative\ cable\ of\ the\ 12/48-volt\ battery\ at\ the\ screw\ connection\ and\ secure\ it\ against\ unintentional\ contact.$



The passive safety systems (airbags and seat belt pretensioners) are deactivated.

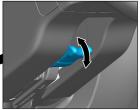




4. Access to the occupants

When rescuing the vehicle occupants, the components of the restraint systems (in particular pyrotechnic elements) must be taken into account in accordance with the information on page 1.





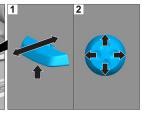
Steering wheel adjustment



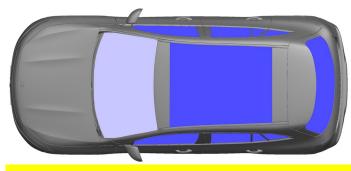


Seat adjustment (electric)





Seat adjustment (mechanical)





5. Stored energy / liquids / gases / solids

000 000				12 V/ 48 V
Li-ion	4			400 V
	(b)	*		710 ± 10 g



All high-voltage cables have orange insulation.

6. In case of fire



Use large volumes of water (H_2O) to extinguish a vehicle fire. Use large volumes of water (H_2O) to cool the Li-ion battery.



Warning: Ignition of the battery possible





If coolant is leaking from the high-voltage battery, it may become unstable owing to thermal overload. Check the battery temperature with an IR thermal imager.



Mercedes-Benz EQA 250 SUV (H243), as of 2021



7. In case of submersion

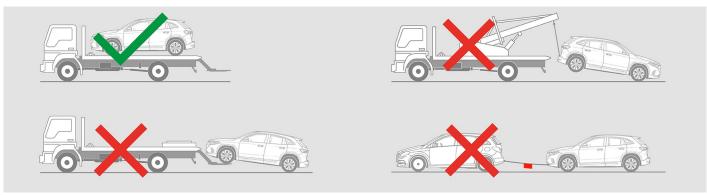
There is no risk of voltage in the bodywork.

After recovery of the vehicle:

- 1. Allow the water to drain out of the interior.
- 2. Commence deactivation of the high-voltage system (see Section 3).

8. Towing / transportation / storage

Only transport the vehicle with both axles on a tow truck or car transporter.



Maintain a safe distance from other vehicles.



Warning: Ignition of the battery possible



9. Important additional information

You can find more information in the **Guidelines for car towing services**.

Note: Please see our <u>emergency response guide</u> for more information

10. Explanation of pictograms used



Electric Vehicle



General warning sign



Warning, Electricity



Flammable



Hazardous to the human health



Corrosives



Acute toxicity



Explosive



Use water to extinguish the fire



Use thermal Infrared camera



Bonnet



Remove smart key



Air-conditioning component



Warning; low temperature