



Airbag



Gas generator



Seat belt pretensioner



SRS control unit



Active pedestrian protection system



Gas strut / Preloaded spring



Low-voltage bat-



Petrol fuel tank



Battery pack, High-voltage



High voltage power cable



High voltage component



Cable cut



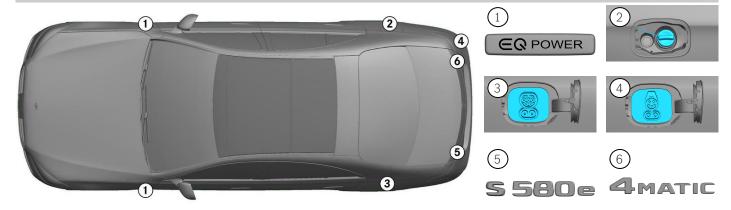
Low voltage device that disconnects high voltage

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

Mercedes-Benz S-Class 580e 4MATIC Model W223 Sedan, as of 2021



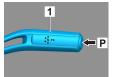
1. Identification / recognition



2. Immobilisation / stabilisation / lifting

Parking brake



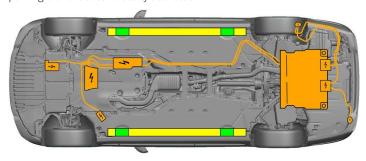






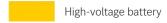
Press the P switch on the gear selector (1). The parking brake is automatically activated.

Electric parking brake (1)









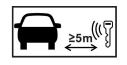


Additional deformation of the door sills and the underbody (e.g. through support with hydraulic equipment) must be avoided during the rescue.

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 $5\ \mbox{m}.$







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.





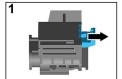
In all other cases, the high-voltage system should be deactivated as follows:

Option 1: High-voltage disconnect

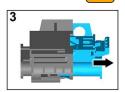


The high-voltage disconnect is located in the engine compartment on the passenger side.







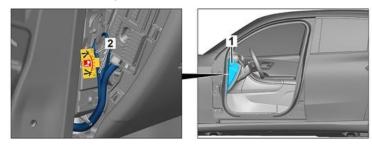


- (1) Pull the release
- (2) Push the release down
- (3) Pull out the switch



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 battery



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



Disconnecting the 12/48 V battery



- 1. Remove the cover from the 12/48-volt battery in the boot.
- 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.

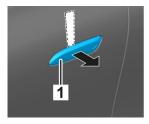


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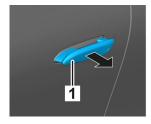


4. Access to the occupants

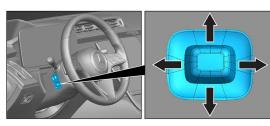
When rescuing the vehicle occupants, the components of the restraint systems (in particular pyrotechnic elements) must be taken into account in accordance with the information on page 1.



Slide a flat, non-metallic object behind the retracted door handle (1) from Reach behind the door handle (1) from below and pull it out until you feel above and lever it slightly out.



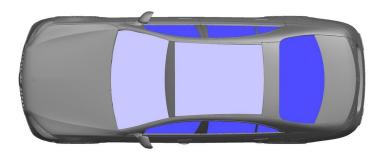
resistance, then hold.



Steering wheel adjustment



Seat adjustment (electric)





5. Stored energy / liquids / gases / solids













All high-voltage cables have orange insulation.

6. In case of fire



Use large volumes of water (H₂O) to extinguish a vehicle fire. Use large volumes of water (H_2O) to cool the Li-ion battery.



Warning: Battery re-ignition





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.



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).

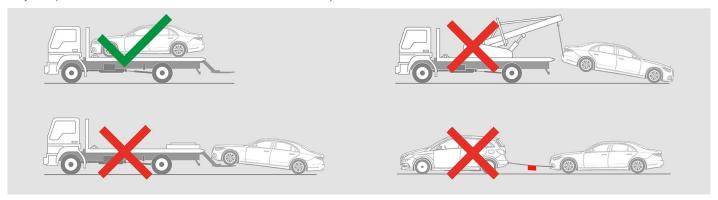


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8. Towing / transportation / storage

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



Maintain a safe distance from other vehicles.



Warning: Battery re-ignition



9. Important additional information

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

10. Explanation of pictograms used



Hybrid Electric Vehicle on fuel of liquid group



General warning sign



Warning, Electricity



Flammable



Hazardous to the human health



Corrosives





Acute toxicity



Use water to extinguish the fire



Use thermal Infrared



Bonnet



Boot



Remove smart key