




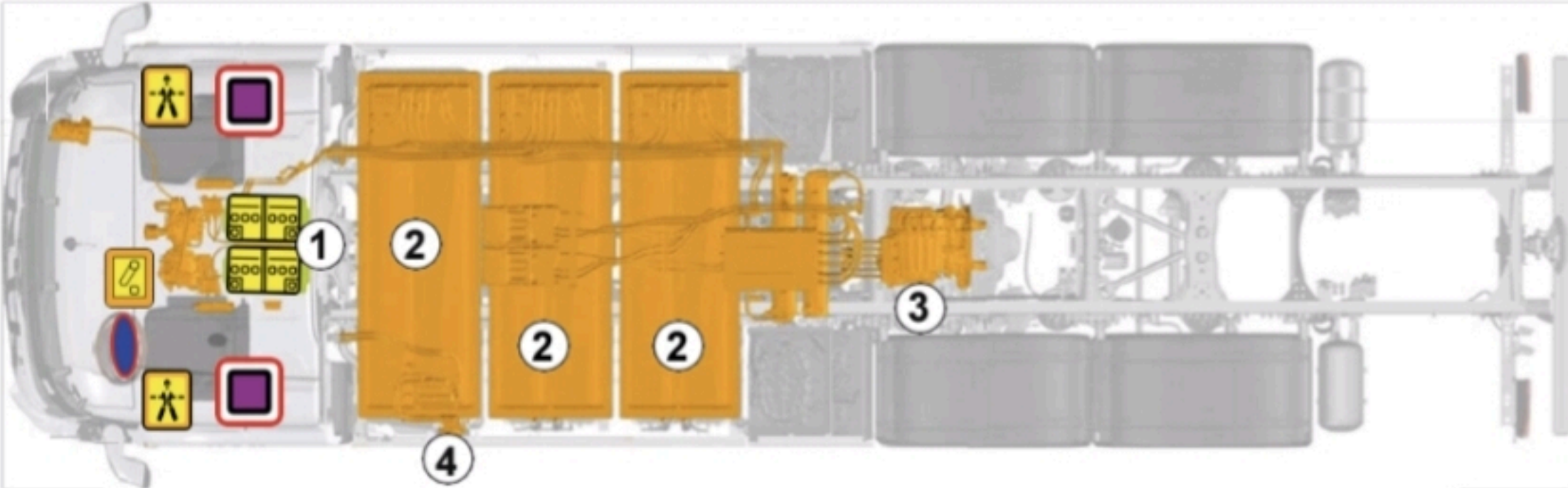
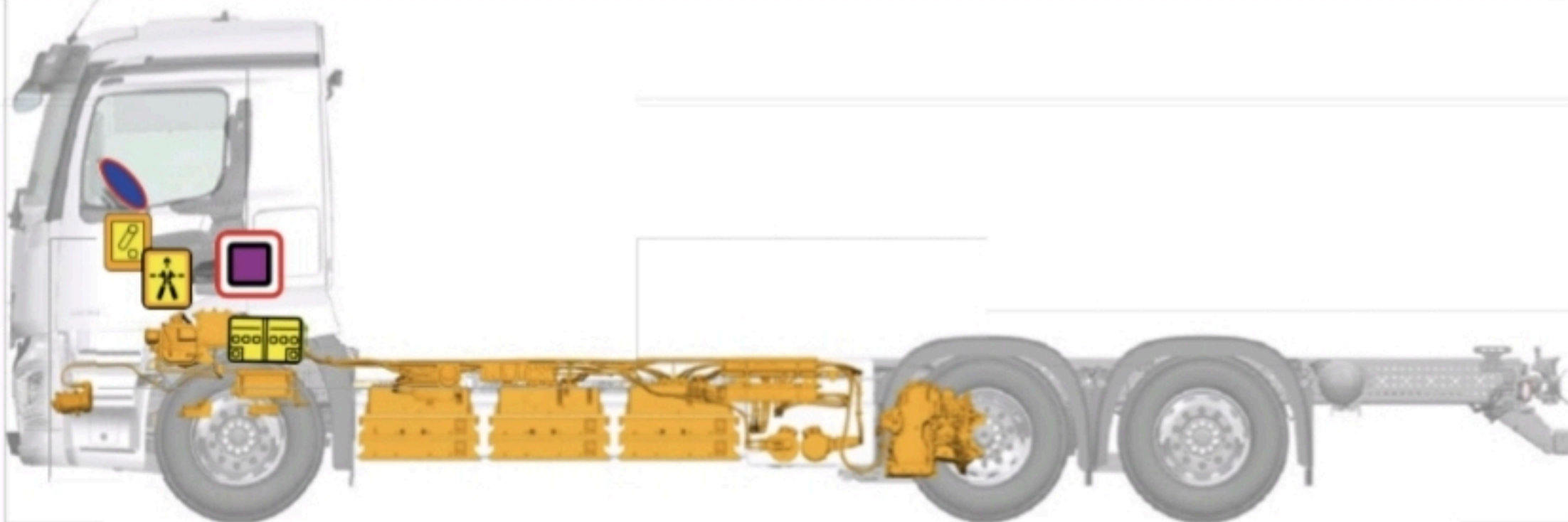

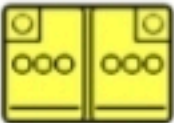



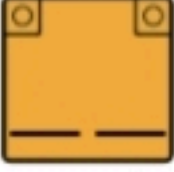

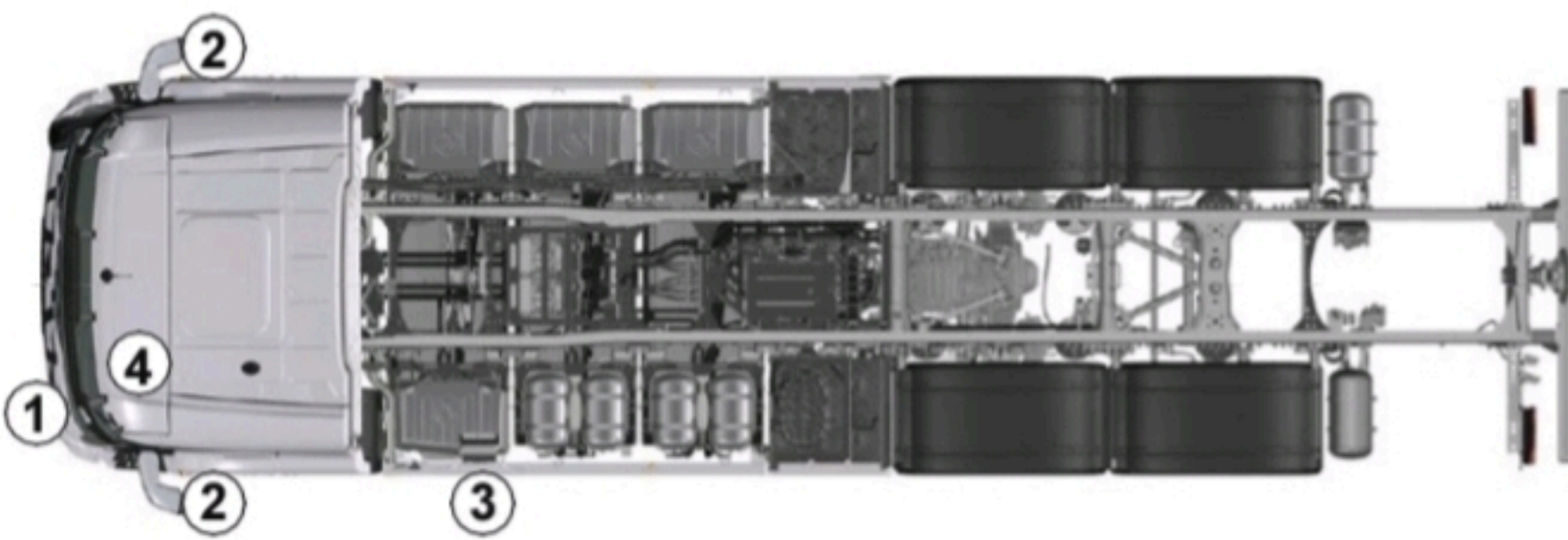


<div>1</div> <div>  <div>Mercedes-Benz</div> </div>	<div>eActros</div> <div>type 983</div> <div>As of 2021</div>		
<div>   </div>			
<div>   </div>			
<div> <div>  <div>Airbag</div> </div> <div>  <div>24 V battery</div> </div> <div>  <div>High-voltage disconnect device (HV main switch)</div> </div> <div>  <div>Rescue separation point</div> </div> <div>  <div>Seat belt tensioner</div> </div> <div>  <div>High-voltage battery</div> </div> <div>  <div>High-voltage line/component</div> </div> <div> <div>1 24 V battery</div> <div>2 High-voltage battery</div> <div>3 Electric motor</div> <div>4 Charging socket</div> </div> </div>			
<div> <div>The rescue separation point is only operated if the HV main switch on the instrument panel is not accessible. Switch off the ignition before using the HV main switch and rescue separation point.</div> <div> <div>ID no.</div> <div>983</div> </div> <div> <div>Version no.</div> <div>01</div> </div> <div> <div>Page no.</div> <div>1</div> </div> </div>			

1. Vehicle identification and labeling



2. Decommissioning/stabilization/lifting

Transmission in neutral:

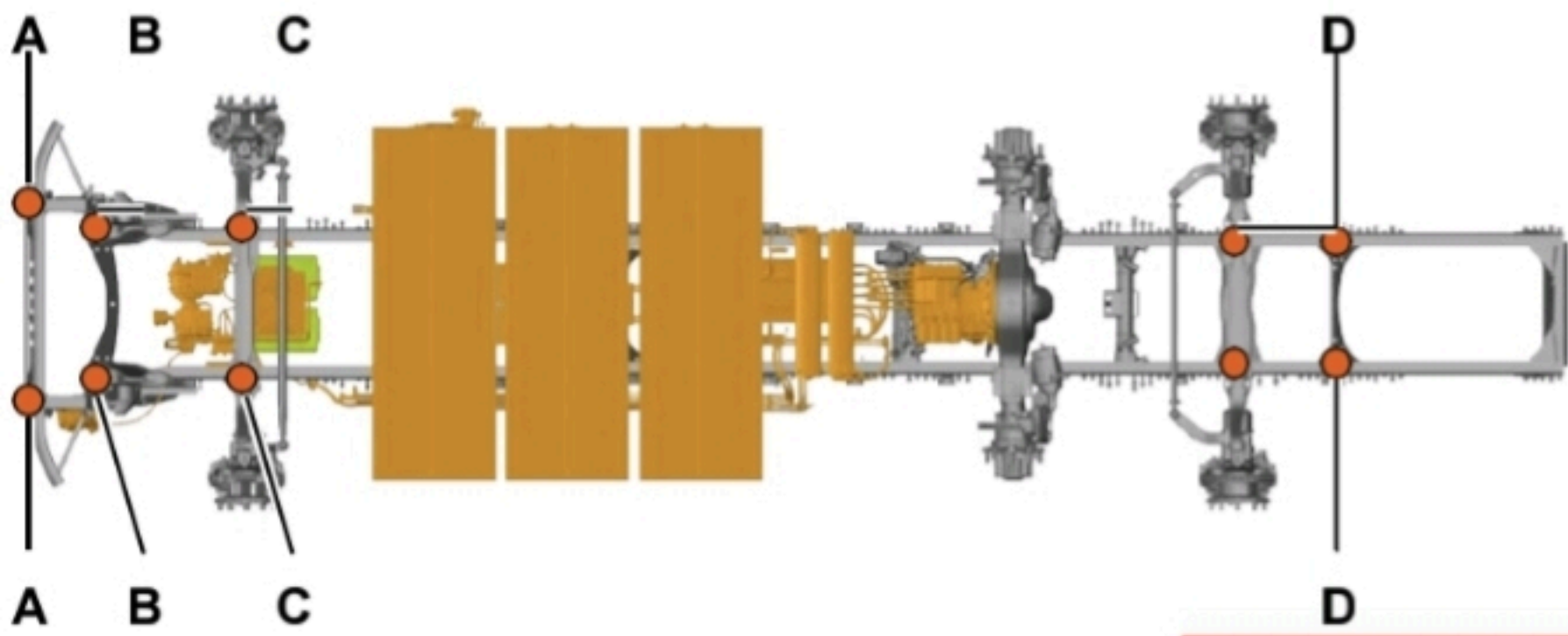


- Turn transmission selector switch (1) to N position. The transmission is shifted to neutral.

Electric parking brake:



- Pull parking brake lever (1) upward. The electric parking brake is engaged.



Lifting points

- A At towing eyes
- B At front end of vehicle frame
- C At front axle
- D At leading or trailing axle (with plate only)
- High-voltage components



Avoid any additional deformation of the frame during rescue (e.g. bracing with hydraulic equipment).

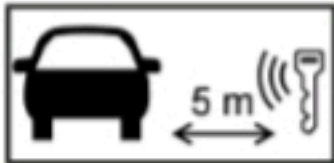
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3. Prevention of direct hazards, safety regulations



Switch off ignition:

- Press START/STOP (1) button without operating the service brake.
Store the electronic vehicle key at a distance of at least 5 m.



An absence of motor noises does not mean that the vehicle is switched off.
Restarting is possible until the vehicle is decommissioned.
Wear suitable protective equipment.

Deactivation of high-voltage on-board electrical system



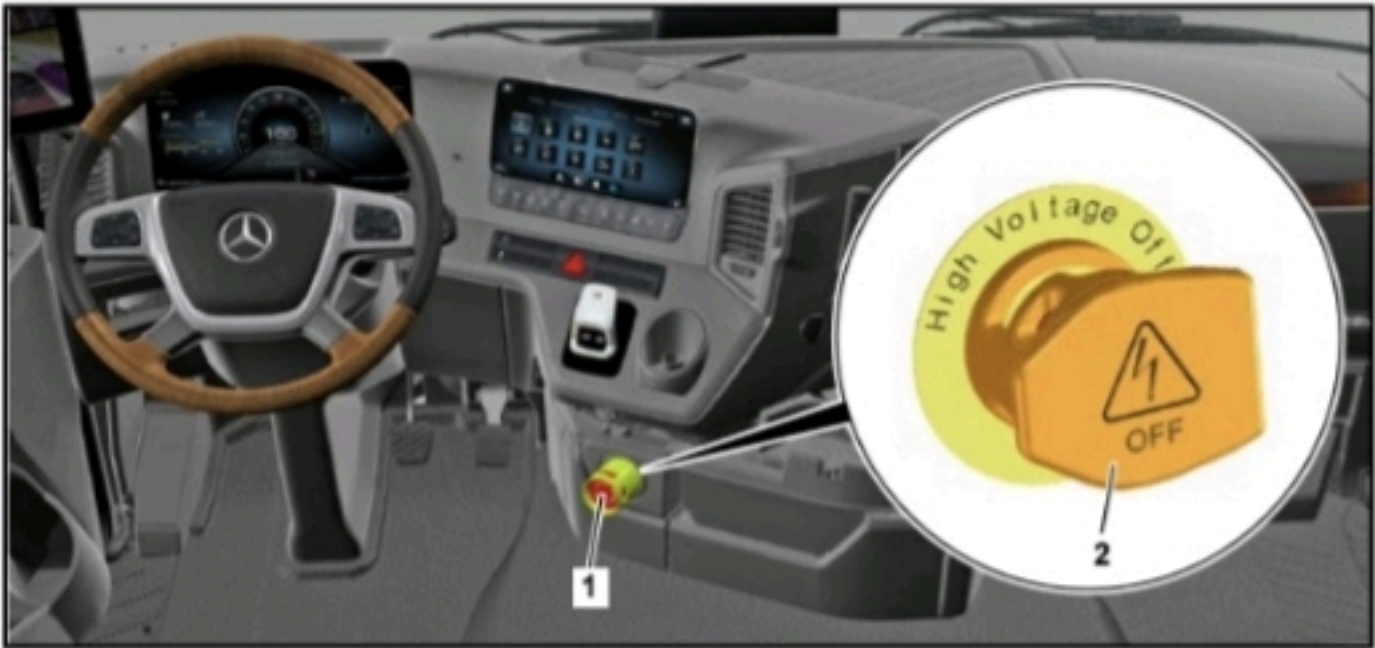
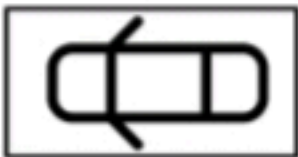
The high-voltage on-board electrical system is automatically disconnected in an accident upon the triggering of a restraint system.



In every other case, the high-voltage on-board electrical system must be deactivated as follows:



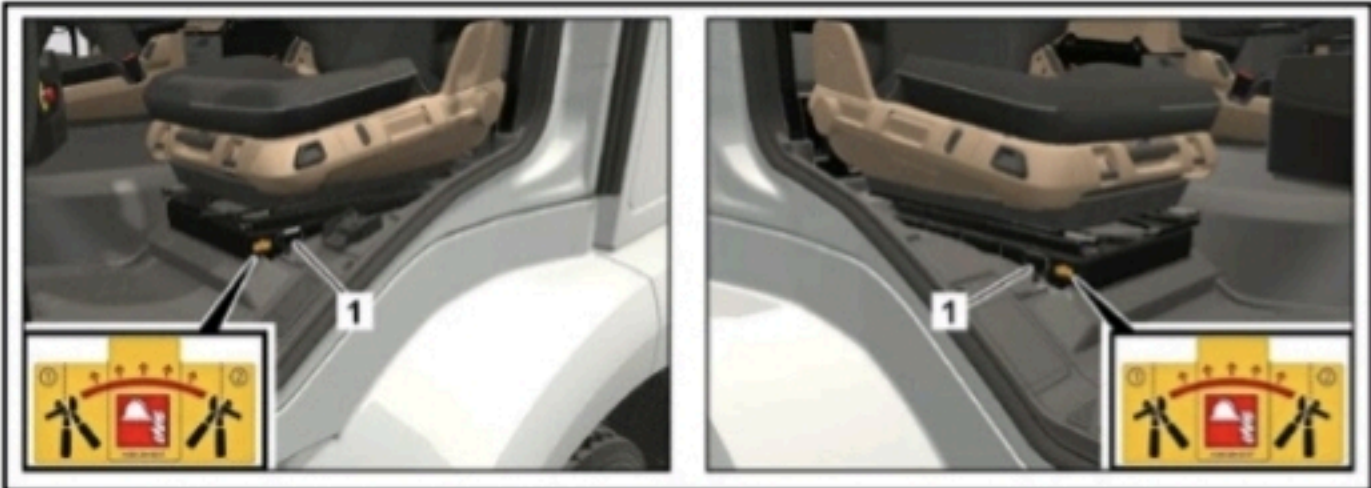
Option 1 - High-voltage disconnect device (HV main switch):
The HV main switch (1) is located on the instrument panel.



- Lift cover (2) of HV main switch (1).
- Press HV main switch (1).
- Secure the HV main switch (1) by attaching a standard pad lock with a diameter of 5 mm and a height of min. 38 mm.



Option 2 - Alternative high-voltage disconnect device:
The alternative high-voltage disconnect devices are located under the seat box on the driver and front passenger side and labeled accordingly.



- Pull out the cable (1) slightly.
- Cut the cable (1) at the marked points.

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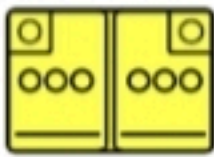


To ensure that there is no residual voltage in the high-voltage network, wait approximately 20 seconds after having switched it off.



Passive safety systems such as airbags and seat belt tensioners will continue to be supplied with voltage by the 24 V on-board electrical system.

Disconnecting the 24 V battery



- Remove the cover of the 24 V batteries behind the cab.
- Disconnect 24 V battery negative cable at the threaded connection and secure against unintended contact.



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

4. Access to vehicle occupants

When freeing vehicle occupants, consider areas of the body made from high-strength steel and restraint system components (pyrotechnic elements in particular) as per the information on page 1.



Steering column adjustment

- Press button (1) with your foot and hold
- Steering column adjustment



Seat adjustment

- 1 Longitudinal adjustment
- 2 Rapid lowering
- 3 Height adjustment



Type of glass



LSG Laminated safety glass
SSG Single-pane safety glass

5. Stored energy/fluids/gases/solids



All high-voltage lines are provided with orange insulation.

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6. Vehicle fire

Use large amounts of water (H2O) to extinguish a vehicle fire.
Use larger amounts of water (H2O) to cool the lithium-ion battery.



Warning: Battery may reignite.



If coolant escapes from the coolant circuit or high-voltage battery, the high-voltage battery may become unstable due to thermal overload. Check the battery temperature with an IR thermal imaging camera or a thermometer.



7. Vehicle in water

- There is no danger that voltage is present on the vehicle body.
After recovering the vehicle:
- 1. Let water drain from the vehicle interior.
 - 2. Begin deactivating the high-voltage on-board electrical system (see chapter 3).

8. Towing/transporting/storing

When recovering a vehicle from the danger zone, the vehicle with electric drive may only be moved at walking pace.
More information can be found in the guide entitled "eActros – Towing and recovery – model series 983" and the towing guide for conventional diesel-powered trucks (see section 9).

Park the heavily damaged vehicle in a safe place and at a safe distance from other vehicles.



Warning: Battery may reignite.



9. Important additional information

More information is available in the guide entitled "Towing and recovery – Actros, Antos (963), Arocs (964)".

10. Explanation of pictograms used



Electric vehicle



Flammable



General indications of danger



Hazardous to health



Warning of hazardous voltage



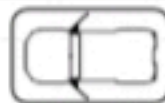
Corrosive (caustic)



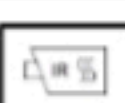
Distance of Digital Vehicle Key



Toxic



Open vehicle doors.



IR thermal imaging camera



High-voltage battery (lithium-ion)



Extinguish with water.