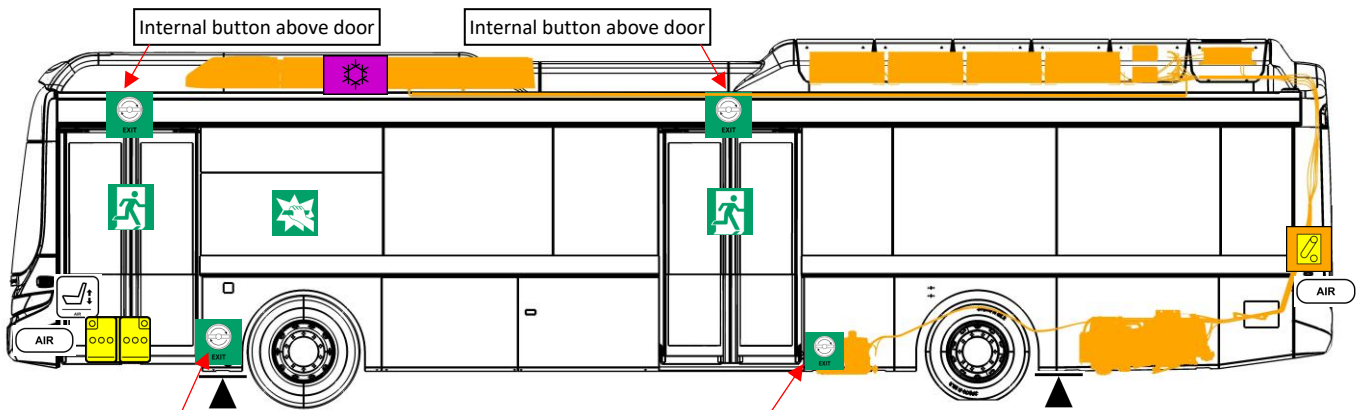


Smashable glass Hatch, marked with opening instructions.



External button will be below the panel. Marked with opening instructions.

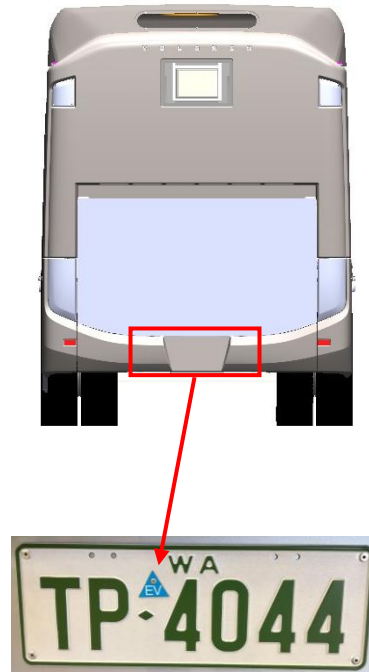
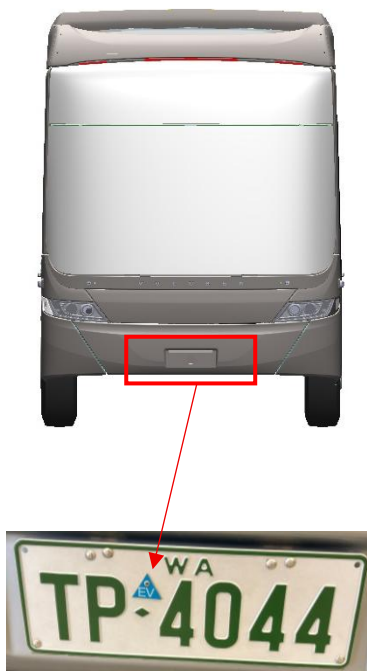
External button will be below the panel. Marked with opening instructions.

	 Traction voltage Battery (600 V), lithium-ion	 Traction voltage component	 Traction voltage power cable	 Disconnect Traction Voltage	 Device to shut down power in vehicle
 Low voltage battery	 Break to obtain access	 Emergency door opener	 Emergency Exit	 Height control	 Seat adjustment
 Lifting point	 Air-conditioning component	 Air tank	 Right-hand drive		

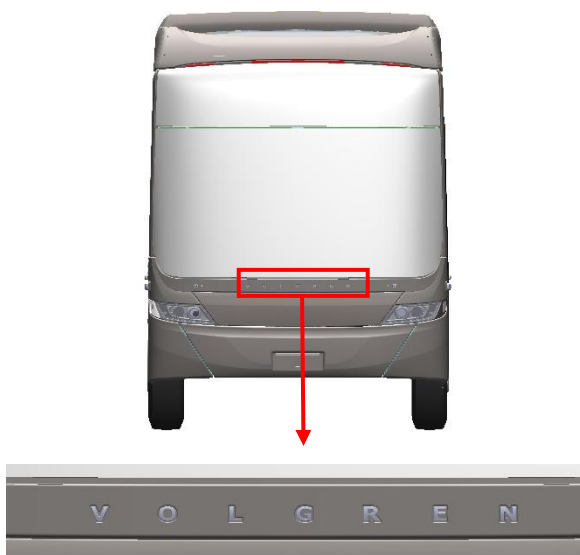
1. Identification/recognition

Volgren electric bus body on Volvo BZL Chassis identification.

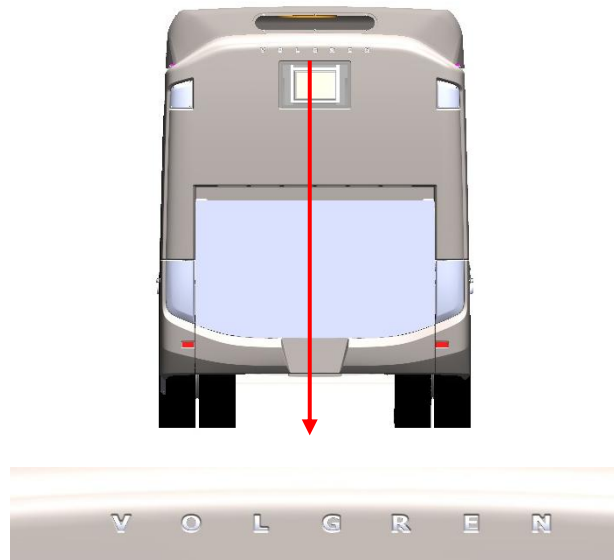
Front and rear bumpers will be fitted with electric vehicle identification plates:



Volgren Body Front Identification:



Volgren Body Rear Identification:



2. Immobilisation/stabilisation/lifting

Immobilisation and Stabilisation actions:

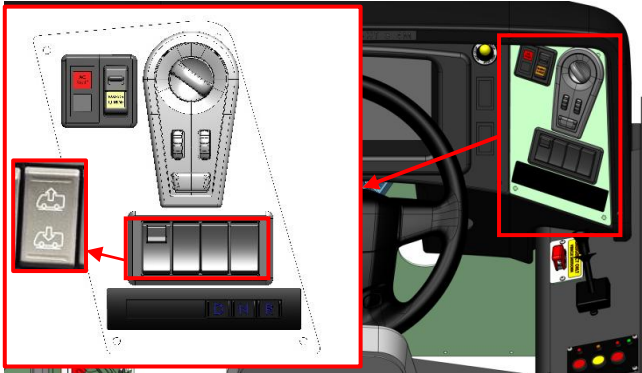
Apply handbrake:



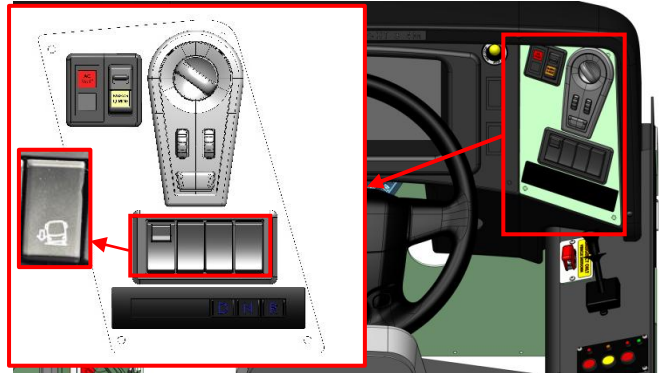
Place vehicle in Neutral:



Raise/Lower Suspension:



Kerb-side kneel



3. Disable direct hazards/safety regulations



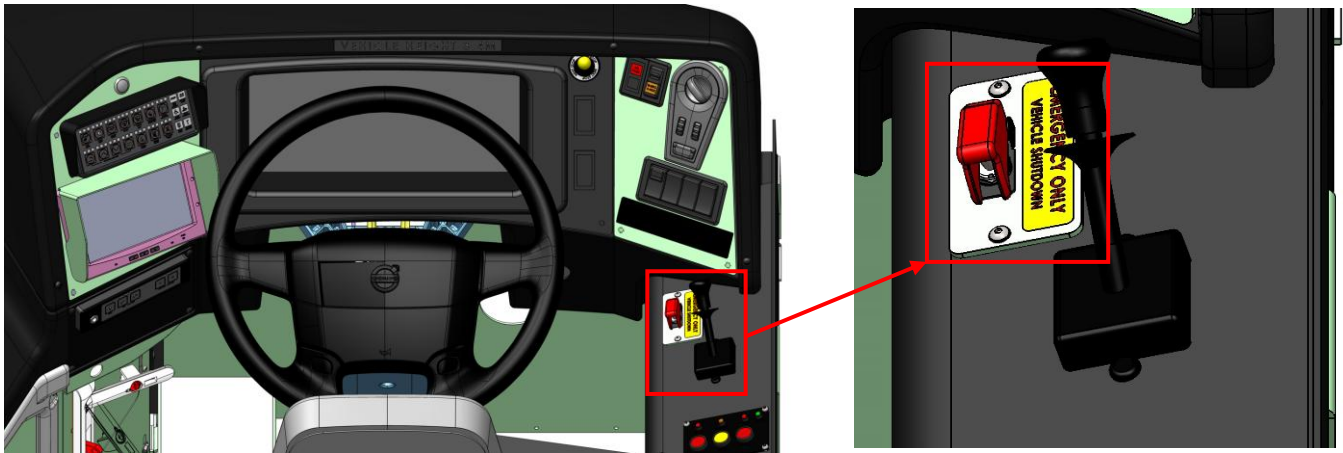
The High-Voltage batteries are equipped with an active cooling system which is powered by the Traction Voltage system, and is active while the Traction Voltage system is active.
Do not cut through or otherwise damage orange high-voltage cables.
Do not touch or open orange high-voltage cables or traction voltage components.

Preferred emergency Traction Voltage shut down procedure:



Traction system emergency switch is located on the side console next to the handbrake.

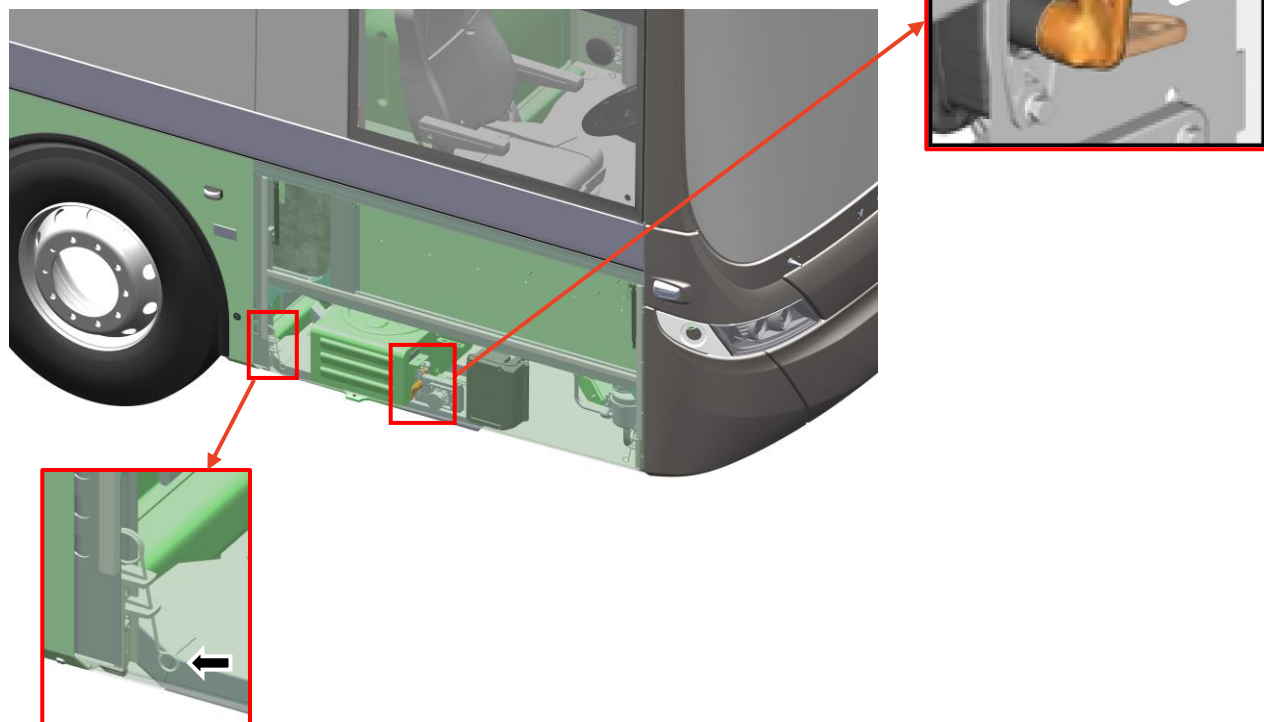
WARNING: Do not close the switch cover after activation as this re-energises the Traction Voltage system.



Alternative emergency Traction Voltage shut down procedures:



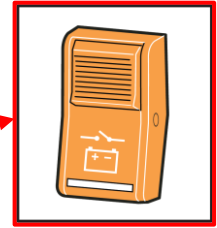
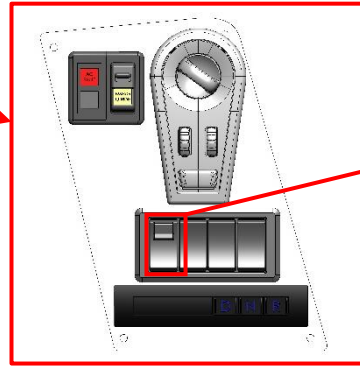
Battery Isolator.



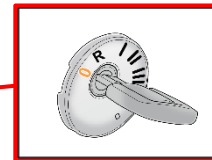
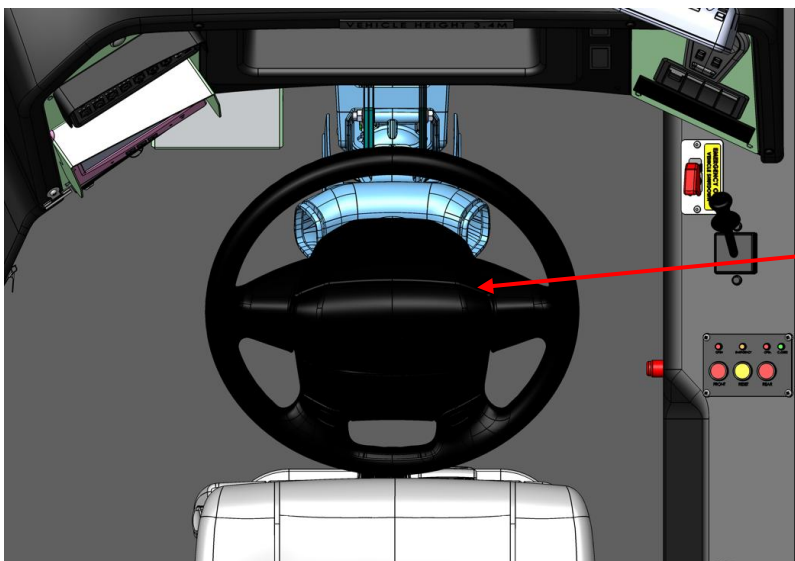
LV batteries are located under the Driver's platform, accessible from the outside of the bus via the hinged panels.
Activate spring latches to open panel – panel may also be key-locked.



Low-voltage master switch.



Ignition switch. Turn the switch completely counter-clockwise to the "0" position.

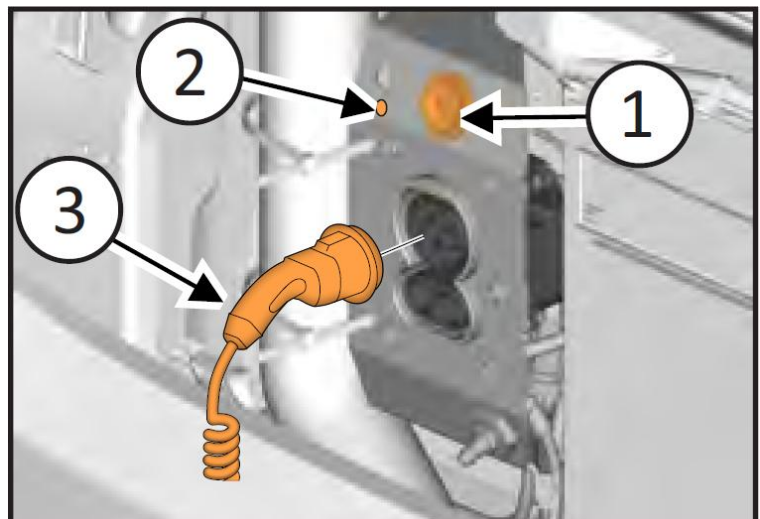


Procedure when Charger is connected:

Follow the Charger Manufacturer's Emergency Instructions to disable the charger.

To remove the charger from the bus:

1. Push the button.
2. Wait until the LED goes out.
3. Remove the charging plug.

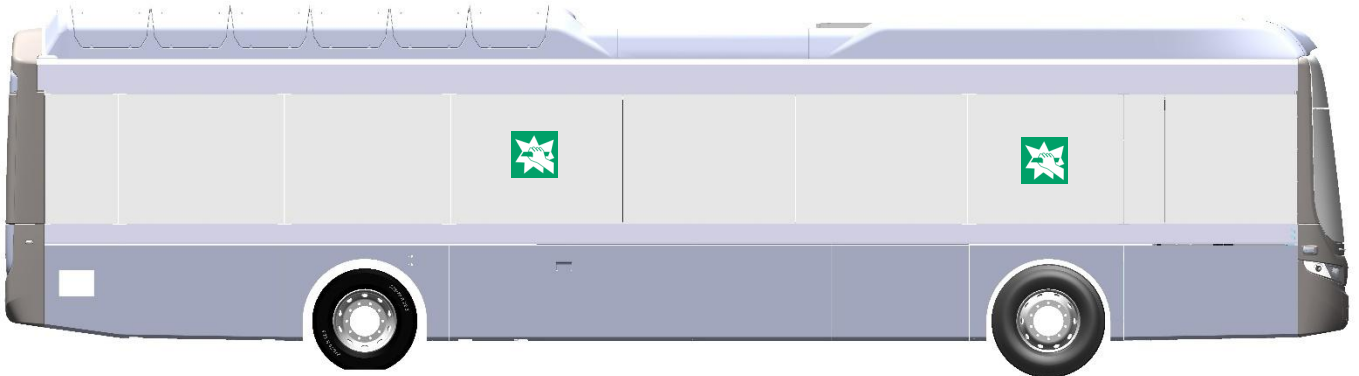


4. Access to the occupants



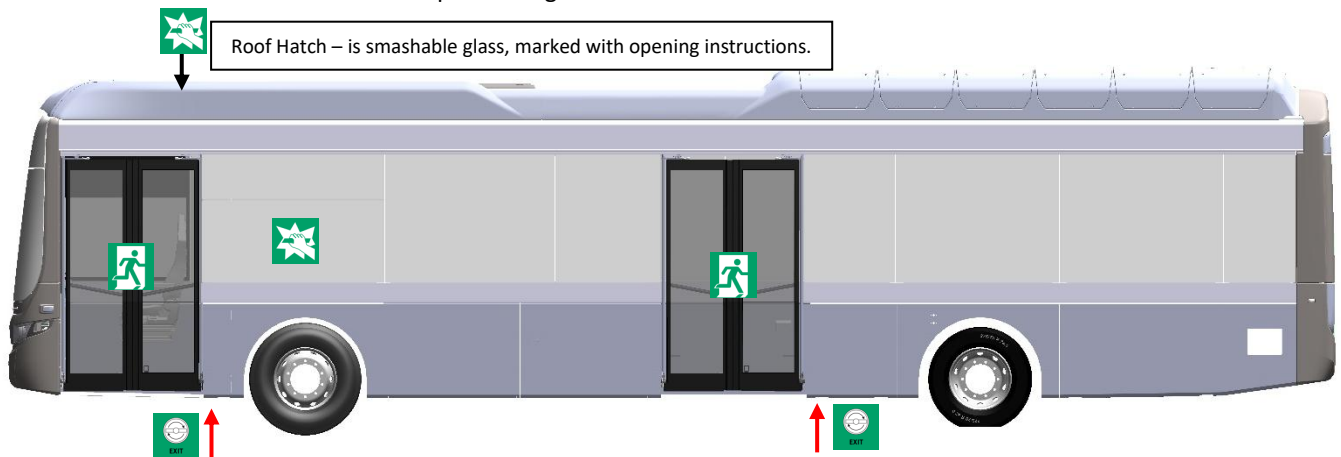
When accessing occupants, take care not to puncture, cut, or otherwise damage any high voltage components as shown in Page 1. Volgren bus body is aluminium framed with no specific high-strength zones or designated cut zones.

The position of breakable glass windows is highlighted with decals:



Doors with exterior access buttons: Access buttons can be found under the panels beside doors.

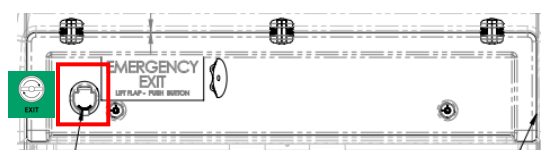
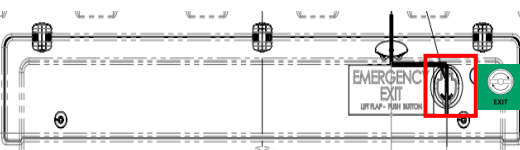
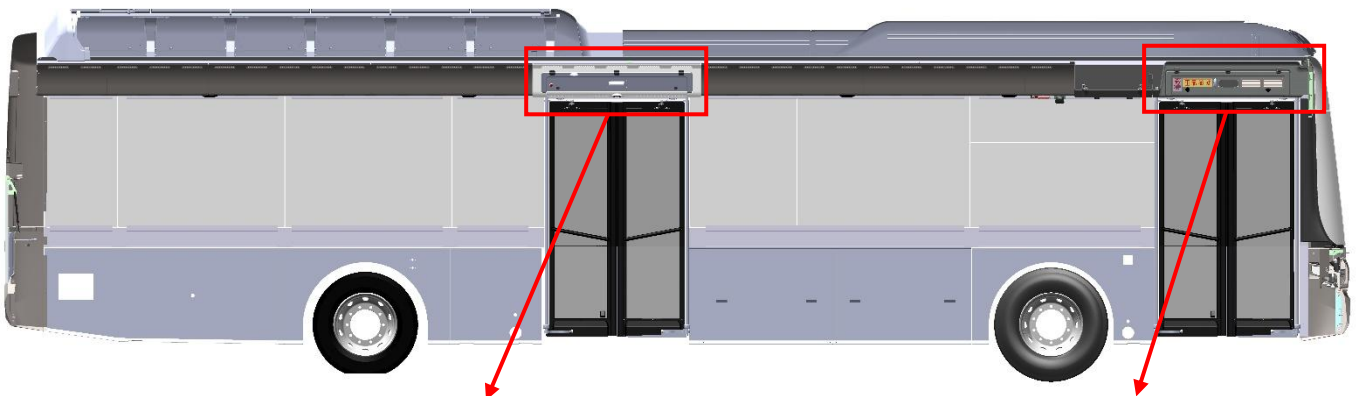
All buttons are fitted with instruction and positioning decals.



Interior emergency door open buttons:

Front and rear doors are fitted with emergency exit buttons above the doors which are labelled.

Various covers or button housings may be in use and are fitted with specific use instruction decals.



5. Stored energy/liquids/gases/solids

600V traction voltage lithium-ion battery:

4 roof-mounted lithium-ion batteries.



A/C unit:

Refrigerant HFC134a, Charging amount 2.4 – 2.6 kg.



Compressor: Pressure Relief Valve 2.67 MPa Normal Specified Pressure, 3.33 MPa Abnormally high pressure.



Pneumatic system:

There are 5 air tanks fitted to the vehicle, 1 at the front under the driver's platform and 4 at the rear as shown in the rescue sheets.

Nominal pneumatic system pressure is 7.5 bar.



Low Voltage batteries:

Located underneath the driver's window on the road side of the bus.



6. In case of fire

Follow Section 3 to disable direct hazards if applicable.

Follow standard emergency procedures as per local authorities.

A 2.5kg ABE dry chemical powder fire extinguisher is located at the driver's platform:

A 2.3Kg ABE dry chemical powder fire extinguisher is located at the centre of the dash area:



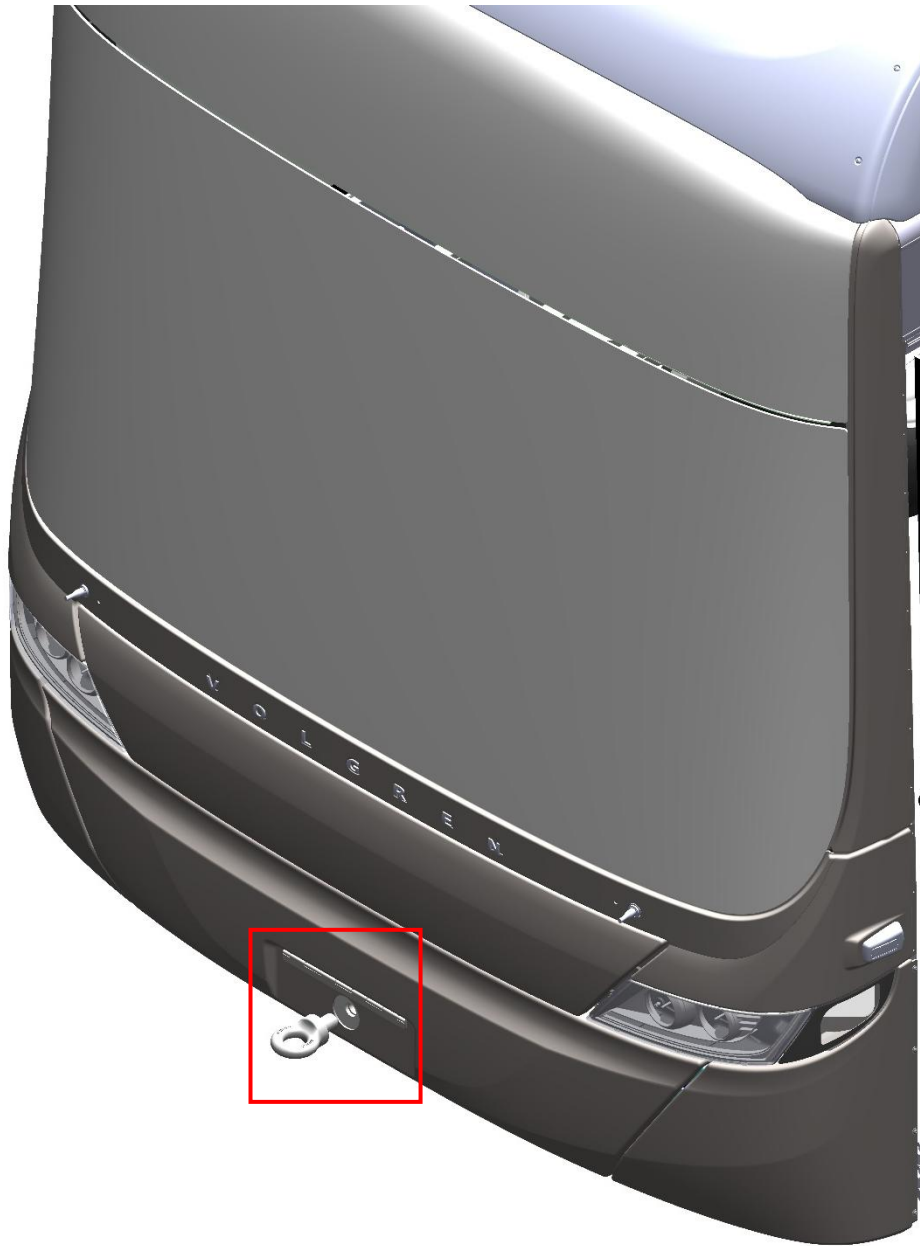
7. In case of submersion

Follow Section 3 to disable direct hazards if applicable.

Follow standard emergency procedures as per local authorities.

8. Towing/Transportation/Storage

Tow eye located in steelwork under front bumper. Flip up number plate hinge and attach eyelet to threaded section:



To tow vehicle, ensure there is sufficient air in the pneumatic system to disengage the park brake and door interlocks.

9. Important additional information



The High-Voltage batteries are equipped with an active cooling system which is powered by the Traction Voltage system, and is active while the Traction Voltage system is active.
Do not cut through or otherwise damage orange high-voltage cables.
Do not touch or open orange high-voltage cables or traction voltage components.