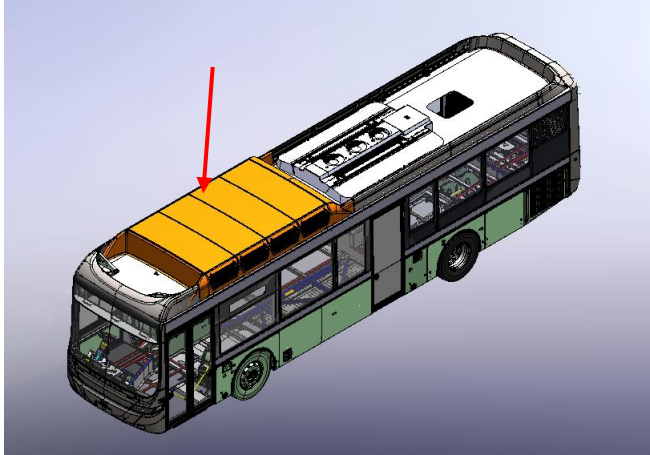


	 Traction voltage Battery (600 V), lithium-ion	 Traction voltage component	 Traction voltage power cable	 Disconnect Traction Voltage	 Device to shut down power in vehicle
 Low voltage battery	 Break to obtain access	 Emergency door opener	 Emergency Exit	 Height control	 Seat adjustment
 Lifting point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

1. Identification/recognition

Volgren electric bus body on Scania K-BEV Chassis identification.

Presence of roof-mounted battery pod covers:



Electric livery Decals and Charger location:



Volgren Body Front Identification:



Volgren Body Rear Identification:



2. Immobilisation/stabilisation/lifting

Immobilisation and Stabilisation actions on vehicle dash:

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:



HV shut off switch is located in the electrical centre above the driver, accessed via the latches.



Battery Isolator.



LV batteries are located under the Driver's platform, accessible from the outside of the bus via the front bumper.



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. In event charge plug is locked to the bus, an alternative latch release can be accessed inside the bus via the hatch on the driver side front wheel box. A screwdriver is required for access.





Remove Hatch
via Phillips
head screws



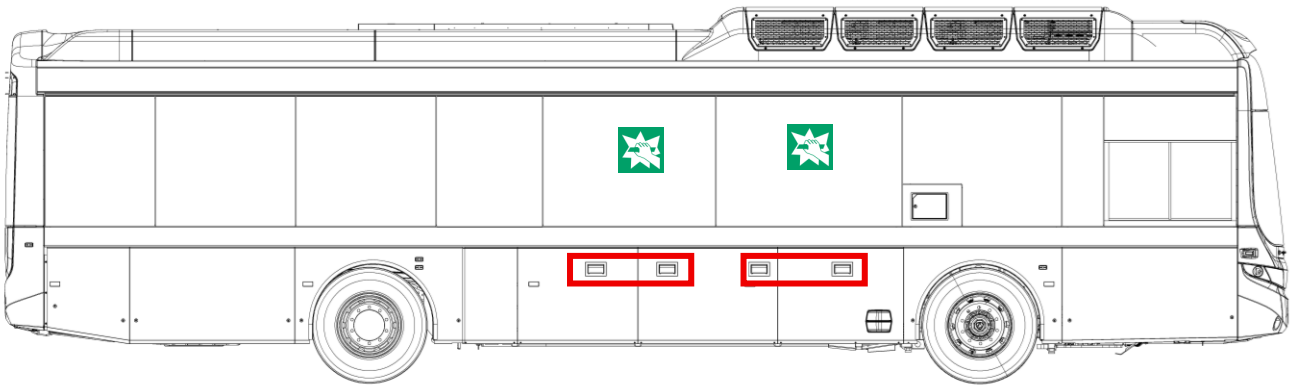
Pull yellow loop to release

4. Access to the occupants



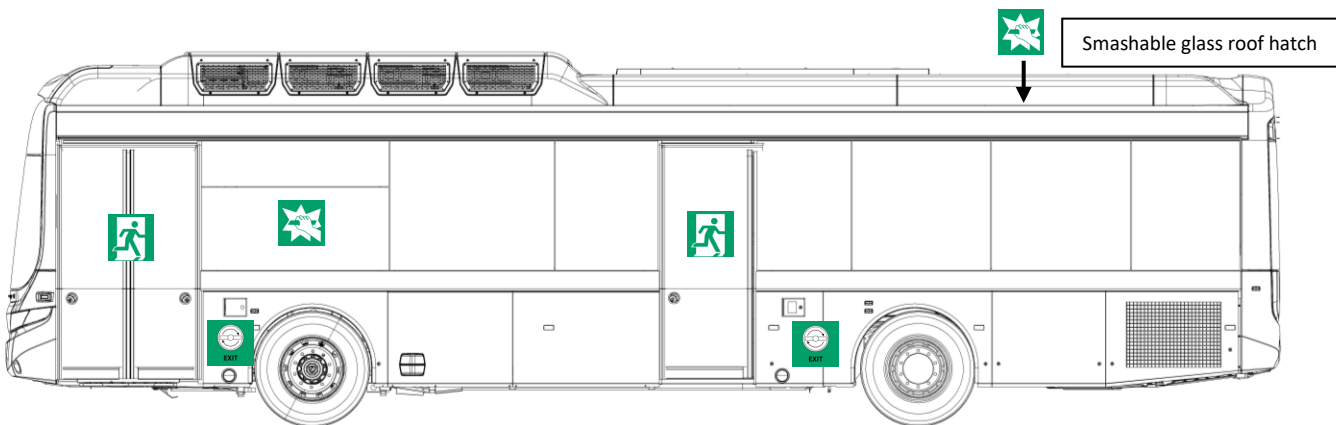
When accessing occupants, take care not to puncture, cut, or otherwise damage any high voltage components as shown in Page 1. Volgren bus body is aluminium framed with no specific high-strength zones or designated cut zones.

The position of breakable glass windows is highlighted with decals and steps in panel:



Doors with exterior access buttons: Access buttons found in panels

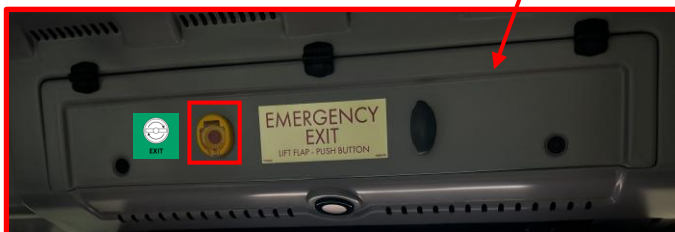
All buttons are fitted with instruction and positioning decals.



Interior emergency door open buttons:

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

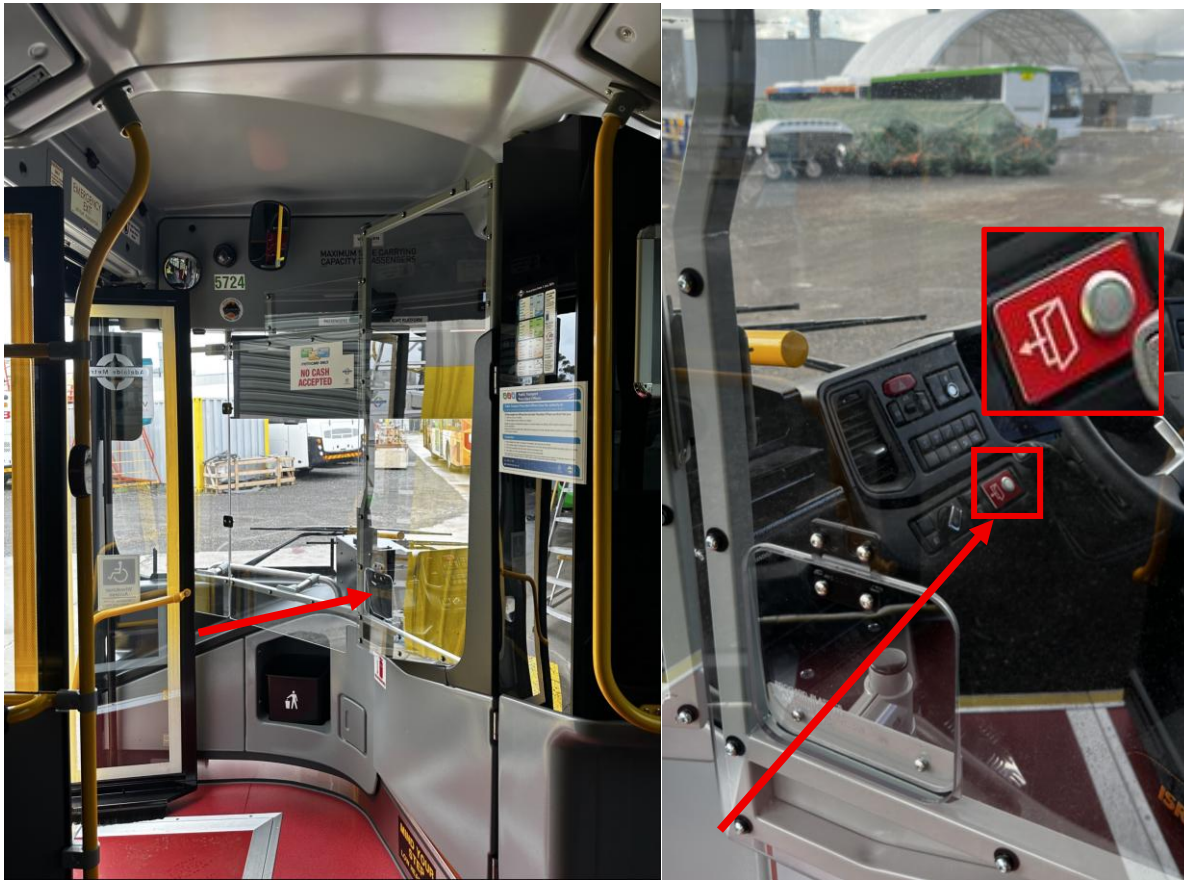
Various covers or button housings may be in use and are fitted with specific use instruction decals.



Access to driver's compartment with security screen installed

When vehicle power is off, follow steps in section 3, driver's door latch is then automatically unlocked.

If a Volgren driver's screen is installed and vehicle power is still ON, door can be opened by accessing the door release button via the access flap.



Alternative access:

Access can be via the driver's window either via the sliding door or breaking the driver's window.



5. Stored energy/liquids/gases/solids

660V traction voltage lithium-ion battery:

3x roof-mounted lithium-ion batteries.

1x lithium-ion battery below the floor behind the rear axle



A/C unit:

Refrigerant gas held under pressure
A/C unit powered high voltage.



Pneumatic system:

There are 4 air tanks fitted to the vehicle, 1 at the front under the driver's platform and 3 at the rear
As shown in the rescue sheets.



Low Voltage batteries:

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



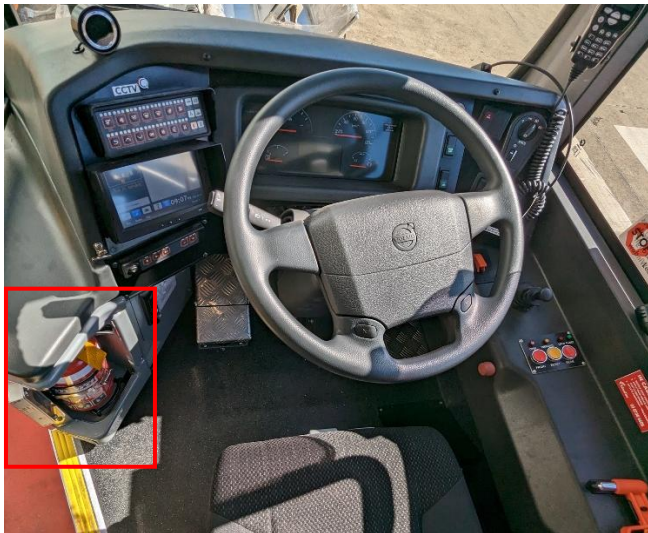
6. In case of fire

Follow Section 3 to disable direct hazards if applicable.

Follow standard emergency procedures as per local authorities.

Automatic Fire Suppression system is installed as shown in Page 1.

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



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.

For further information, contact Volgren Aftersales South Australia Support