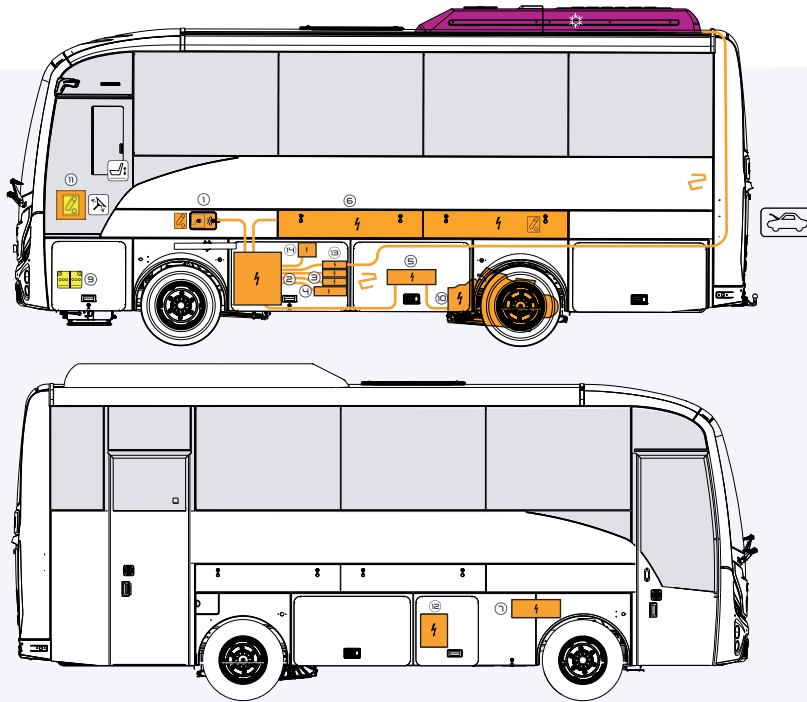


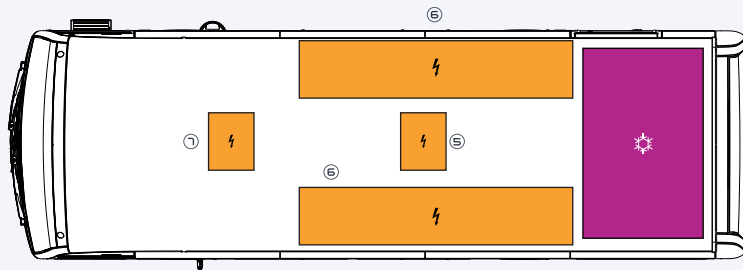


From 2024,  
**NOVO VOLT**

**TECHNICAL  
DETAILS**



- |                    |                           |                         |                |
|--------------------|---------------------------|-------------------------|----------------|
| 1 Charge Plug      | 5 Motor Inverter          | 9 24V Batteries         | 13 AC Inverter |
| 2 PDU              | 6 HV Batteries            | 10 E-Axle               | 14 DC Heater   |
| 3 DC-DC Converter  | 7 Battery Management Unit | 11 HV Disconnect Switch |                |
| 4 On Board Charger | 8 Air Condition           | 12 E-Compressor         |                |



- |                      |                            |                           |                          |
|----------------------|----------------------------|---------------------------|--------------------------|
| Battery High Voltage | Vehicle Induction Charging | Warning, Electricity      | High Voltage Power Cable |
| Shutdown Power       | High Voltage Component     | Steering Wheel Adjustment | Air-Conditioner          |
| Disconnect High      | Bonnet; Hood               | Seat Adjustment           | Left Hand Drive          |
| Battery Low Voltage  |                            |                           |                          |

# 01 IDENTIFICATION / RECOGNITION



Electric Bus With Inductive Charging



Lithium-Ion Battery



LACK OF ENGINE NOISE DOES NOT MEAN VEHICLE IS OFF. SILENT MOVEMENT OR INSTANT RESTART CAPABILITY EXISTS UNTIL VEHICLE IS FULLY SHUT DOWN. WEAR APPROPRIATE PPE.

# 02 IMMOBILIZATION / STABILIZATION / LIFTING

- 1 Choke wheels,
- 2 Put the vehicle in neutral (N) and engage the handbrake.



Lifting points,  
Use these lifting points if it's needed.



# 03 DISABLE DIRECT HAZARDS / SAFETY REGULATIONS

 DO NOT ATTEMPT TO OPEN HIGH VOLTAGE BATTERY.

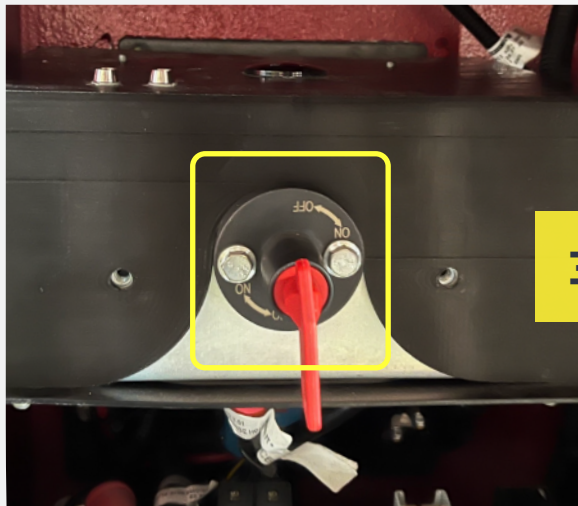


### Main Method:

- 1 Stop engine via switching off the ignition key then go to the back of the vehicle.



2 Pull out the MSD on PDU that disconnects HV from PDU to vehicle.

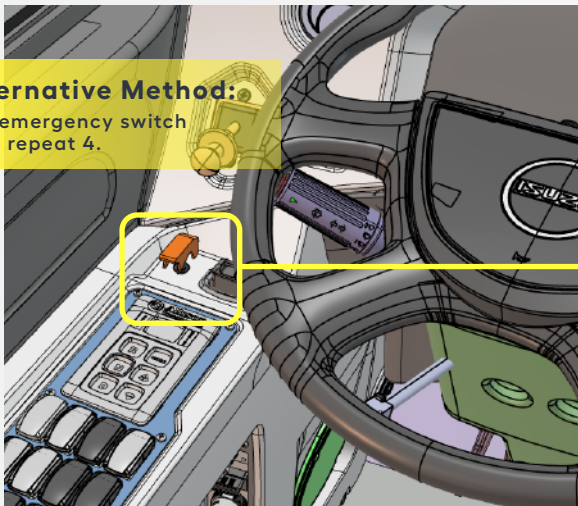


3 Switch off the LV main switch.

4

**Alternative Method:**

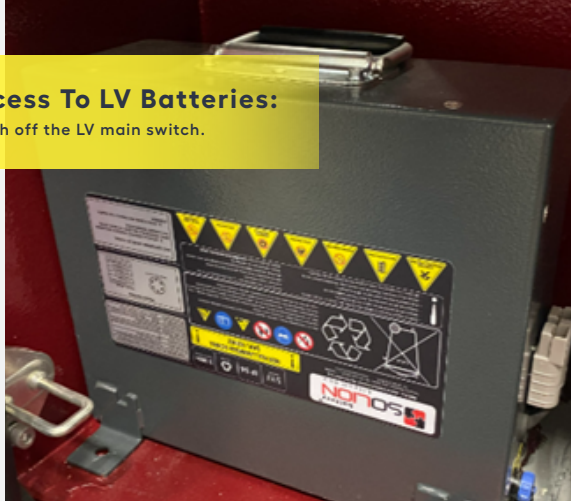
Pull emergency switch then repeat 4.



5

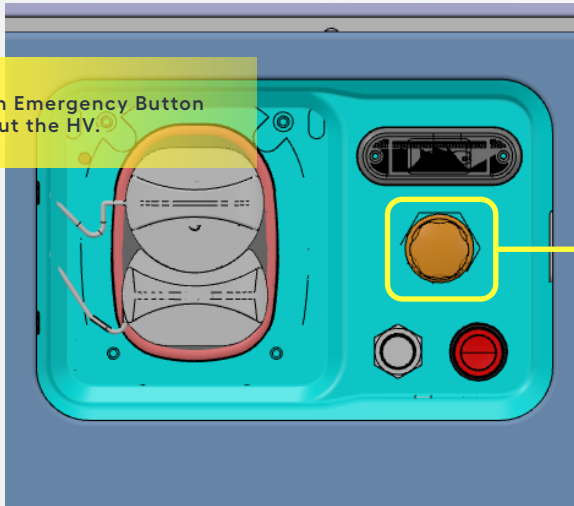
**Access To LV Batteries:**

Switch off the LV main switch.



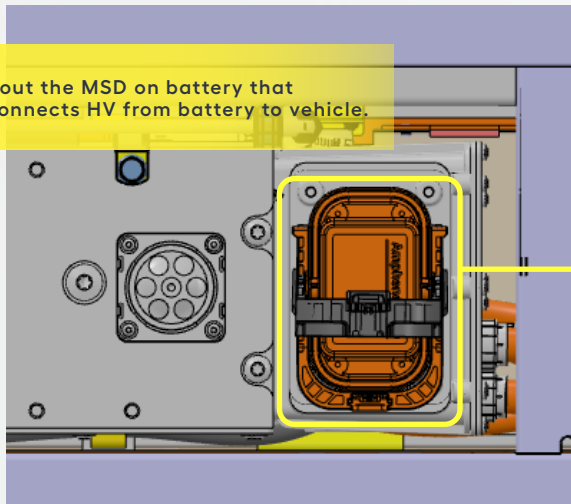
6

**Push Emergency Button to cut the HV.**

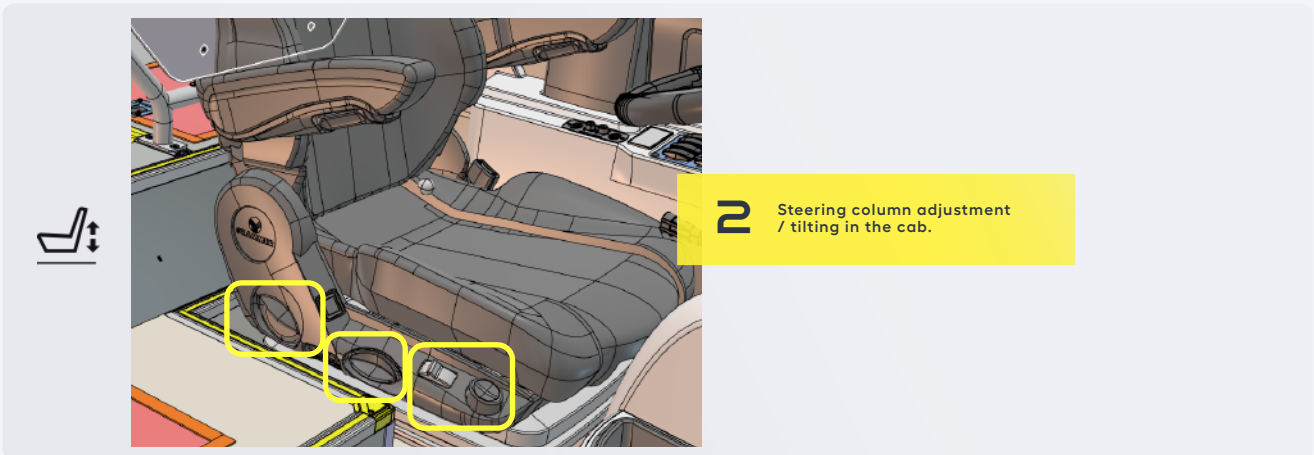
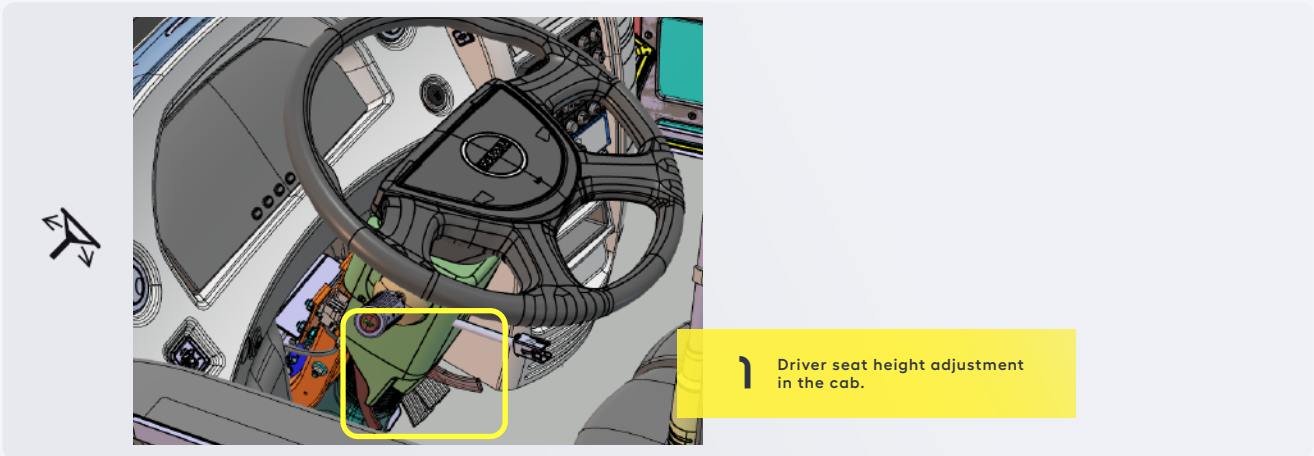


7

**Pull out the MSD on battery that disconnects HV from battery to vehicle.**



# 04 ACCESS TO THE OCCUPANTS



# 05 STORED ENERGY / LIQUIDS / GASES / SOLIDS

|   |  |                        |
|---|--|------------------------|
|  |  | <p>~600 V</p>          |
|  |   | <p>24 V (12 V x 2)</p> |
|  |   | <p>4,4 kg</p>          |

## 06 IN CASE OF FIRE



Use Large Amount Of Water



After Risk Assessment,  
If Necessary Use Foam

**⚠ BATTERY RE-IGNITION!**

## 07 IN CASE OF SUBMERSION

Wear appropriate PPE. Remove the vehicle from the water and continue with normal high voltage (see chapter 3). Vehicles submerged in salt water should be handled with a greater potential risk of a HV battery fire.

Tilt the vehicle to one side to allow water to drain out of the vehicle and the high voltage battery.

## 08 TOWING / TRANSPORTATION / STORAGE

Max Towing Speed: 30km/h and Max Permitted Towing Distance: 100 km

