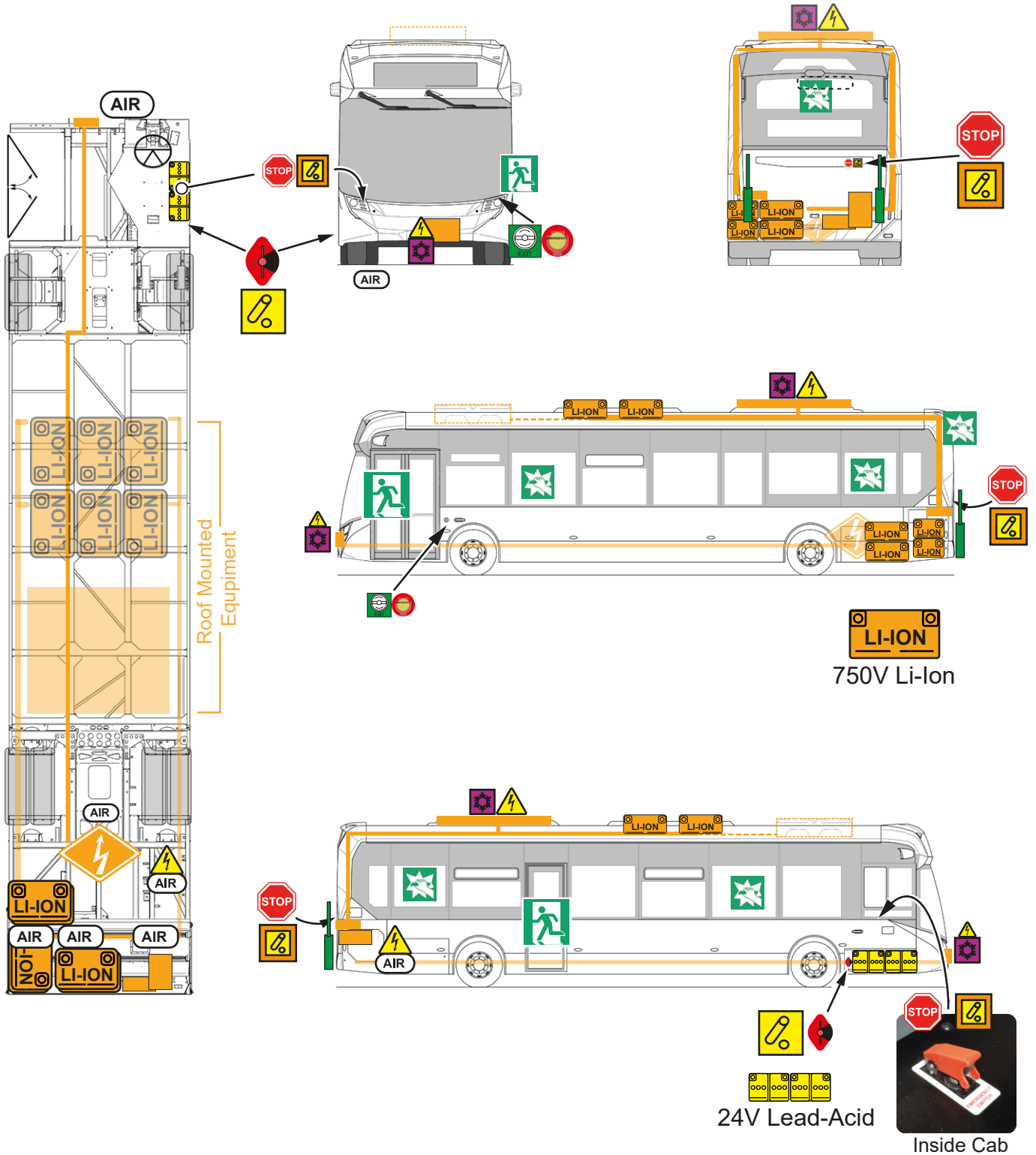




RHD



Low Voltage Battery	High Voltage Battery	Electric Drive	High Voltage Junction Box	High Voltage Cable	Compressed Air Tank	HV / LV Disable	Emergency Exit	Break Glass Exit
24v Battery Disconnect	Emergency Stop Switch	Door Control	Electric Air Compressor	BTMS Air Conditioning	High Voltage Electrics	High Pressure Gas Struts	Lifting Point	INFO NOT AVAILABLE YET
Doc. Ref: 4019	Issue / Version Date: Nov 2024	Doc Standard: ISO 17840-2	Copyright © Alexander Dennis 2024 – All rights reserved					Page 1 / 4

1. Propulsion Identification



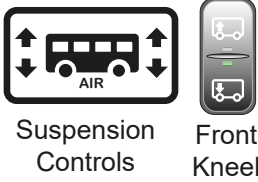
Li-Ion / LFP Battery - Electric bus with optional overhead pantograph charging.

**CAUTION:**  
Lack of noise does not mean vehicle is off:  
Silent movement or instant restart capability exists until vehicle is fully shut down

Model Identification:

If present, the manufacturer logo is displayed at centre of the front of the bus.  
The rear panel may show the model name. Enviro400EV Enviro400EV

2. Immobilisation / Stabilisation / Lifting



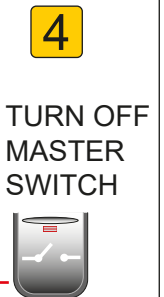
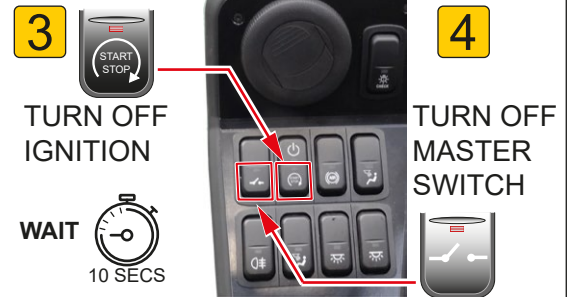
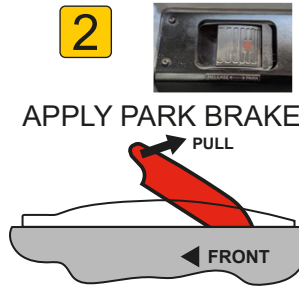
Suspension height controls on driver's console.

**WARNING:**  
In the event of electrical failure, the Electronic Parking Brake will not respond and wheel chocks MUST be used to prevent runaway.



3. Disable Direct Hazards

Safe Vehicle Shutdown Procedure



To confirm when vehicle is powered fully off:  
• No illumination on instrument cluster  
• No lights on master or Ignition switches

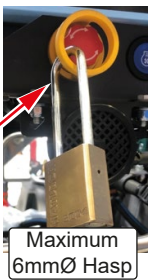


HV Isolation by 2 methods:

Lift cover and push emergency stop toggle on driver's console, inside cab.

Push emergency stop switch inside rear drive bay.

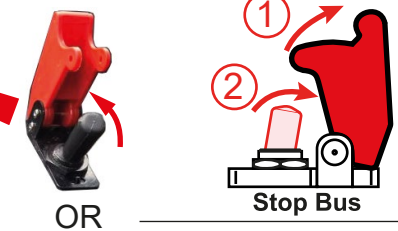
Switch can be secured with a padlock.



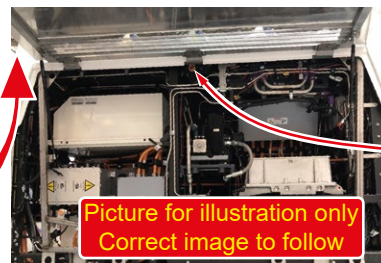
Driver's Emergency Stop Switch  
Lift Cover, Push switch

Rear Drive Bay Emergency Stop Switch

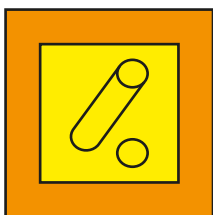
Emergency Vehicle Shutdown ( ALL HV & 24V systems )



OR



Picture for illustration only  
Correct image to follow



4. Access to the Occupants



Escape Glass in side elevation windows (and optional skylights).

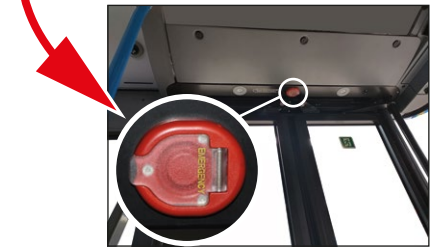
**1** To open the doors from outside, push the emergency button.

To open the doors from inside, push the emergency button located near the top edge of the doors.

Lift the flap and push the button to release the doors.

**2** If the doors do not operate, they can be pushed open manually.

Front/entrance doors:  
Push the outer edge inwards.  
Pull the door into the bus.



5. Stored Energy / Gases



All High Voltage cables have **orange** insulation

Coolant is **BLUE**



Do not cut **orange cables** or open high voltage enclosures.



Contact with liquid or refrigerated gas can cause cold burns and frostbite.

6. In Case of Fire



Do not spray water directly into the Drive Bay.  
Battery Product identification:  
Lithium iron phosphate (LFP) Battery Packs  
Chemical Class:  
ADR Class 9 – miscellaneous dangerous goods.



**DO NOT USE WATER ON BATTERY FIRES:**  
CO<sub>2</sub>, metal fire-ex powder or dry powder fire extinguishers are acceptable.

**⚠ WARNING:** Do not submerge vehicle to extinguish fire.



**⚠ Battery Re-Ignition**

Where a battery fire is experienced or suspected, monitor for at least 48 hours with thermal fire detection equipment.

**7. In Case of Submersion**



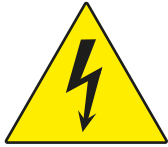
Isolate HV



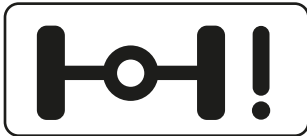
As for **Section 3 - Disable direct hazards.**

Follow safety routines once out of water.

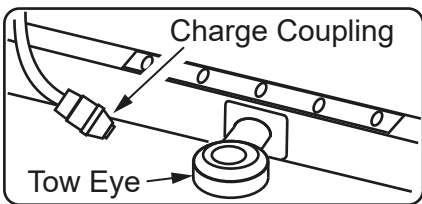
**8. Towing / Recovery**



Ensure vehicle is in neutral then isolated.  
Apply wheel chocks to prevent movement.  
Wind off park brake actuators to release park brake.



Remove half-shafts or drive shaft when towing.  
or  
Elevate and support drive axle.

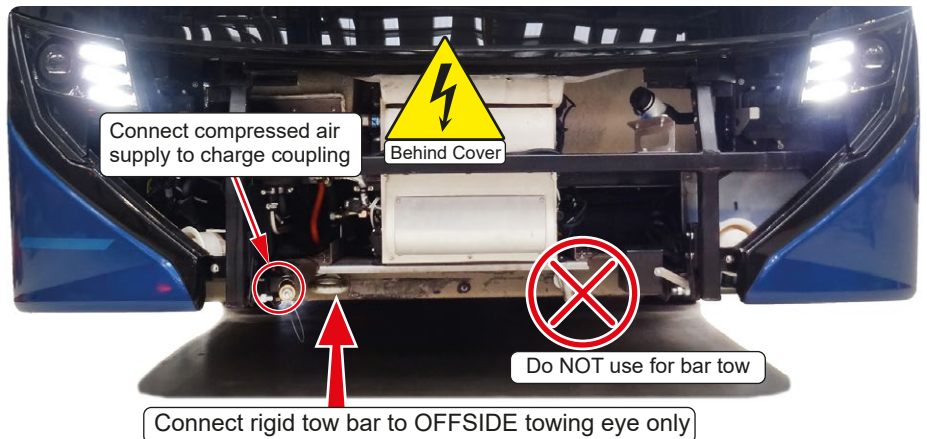


Connect tow bar to OFFSIDE towing eye only.  
or  
Use A-frame on both towing points at front.

Connect air to Charge Coupling if necessary



Twist locks to release front panel



Connect compressed air supply to charge coupling

Behind Cover



Do NOT use for bar tow

Connect rigid tow bar to OFFSIDE towing eye only

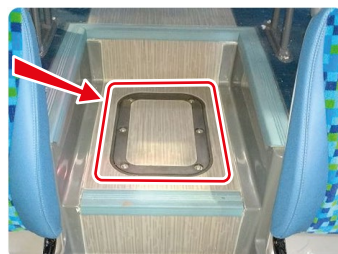
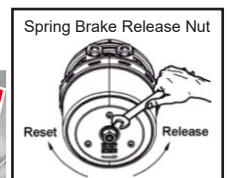


Open panel and lift out and away from the clips

**For rigid bar towing, only the OFFSIDE eye must be used, as indicated, to prevent damage to the front components.  
The vehicle may be towed using both front towing points and an A-Frame.**

**MANUAL PARK BRAKE RELEASE**

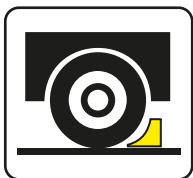
Access to the drive axle actuators is via an access panel on the floor between the rear seats over the rear axle.



24MM

Use a 24mm spanner to wind the actuators off to release the brakes.  
When the vehicle is towed, the rear half-shafts must be removed to prevent damage to the axle or drive motor. Alternatively the propshaft may be removed or the rear axle lifted off the road

**CHOCK WHEELS BEFORE PROCEEDING**



**⚠WARNING:**  
In this condition the brakes are completely inoperative.  
Wheels **MUST** be chocked.

**9. Contact Information**

**Alexander Dennis**  
Contact details for more information

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