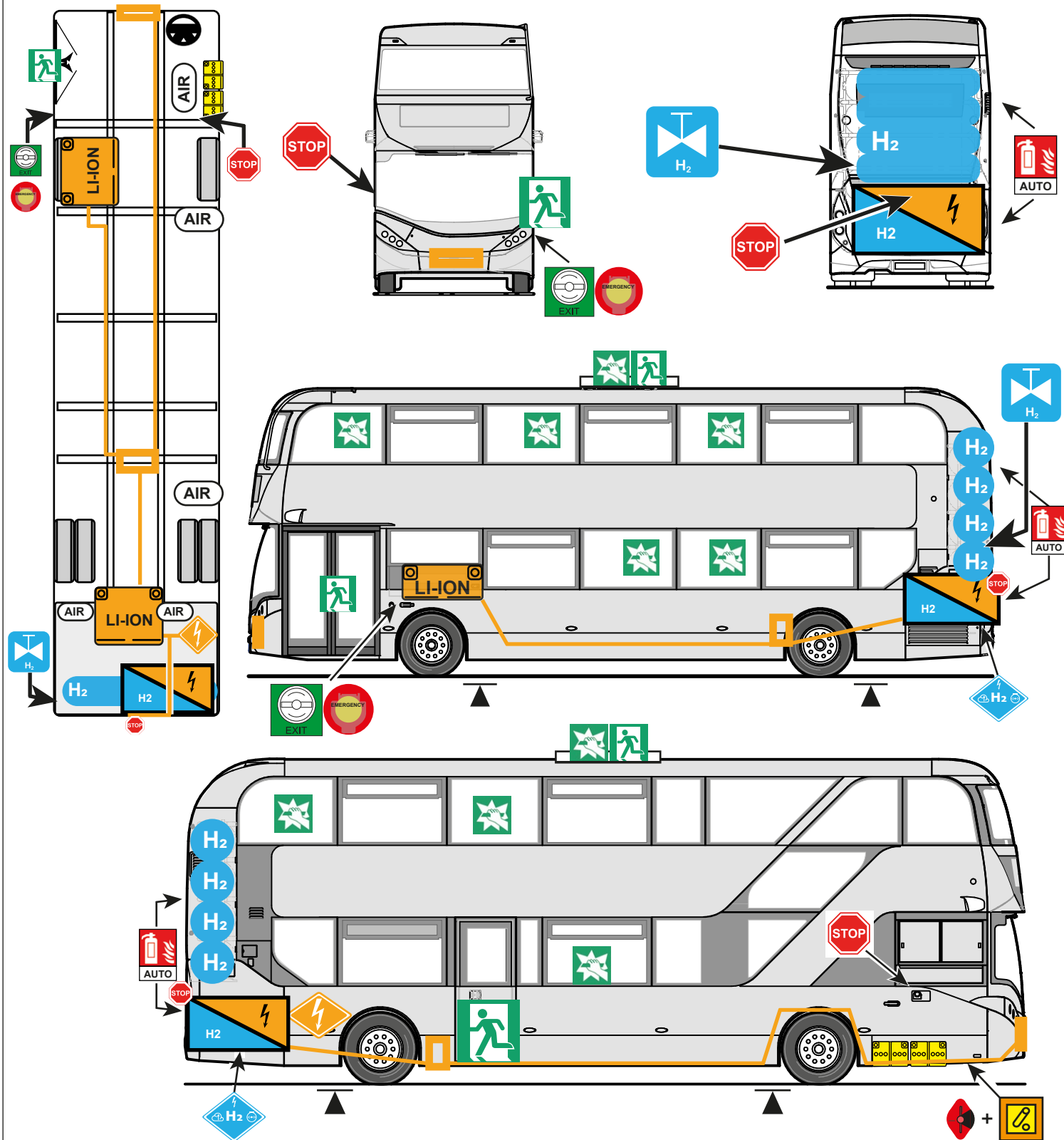




RHD



Enviro400FCEV



Hydrogen Tank	Fuel Cell Propulsion	Hydrogen Isolation Valve	Compressed Air Tank	Emergency Exit	Break Glass Exit	Auto Fire Suppression	24V Battery Disconnect	Emergency Stop Switch
Low Voltage Battery	High Voltage Battery	Fuel Cell	Electric Drive	HV Disable	High Voltage Junction Box	High Voltage Cable	Door Control	Lifting Point

1. Propulsion Identification



Hydrogen Fuel Cell Propulsion

CAUTION: Lack of noise does not mean vehicle is off:
Instant restart capability may exist 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. **Enviro400FCEV** **Enviro400FCEV**

2. Immobilisation / Stabilisation / Lifting



Suspension Controls



Front Knee



Full Raise Lower

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



Where possible turn off ignition (1) and master switch (2) inside cab





Apply parking brake



or



Emergency Isolation by 2 methods:

-  Lift cover and push emergency stop toggle inside cab .
-  Push emergency stop switch inside rear drive bay.



Lift Cover

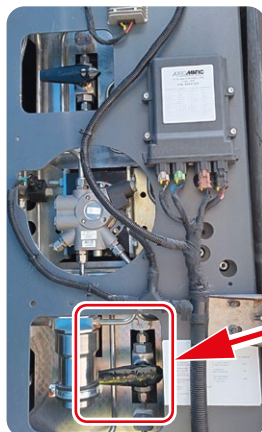
Push switch

Driver's Emergency Stop Switch

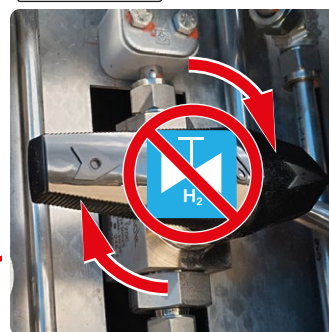


Emergency Stop Switch

Hydrogen Fuel Isolation



SHUT OFF



Rotate isolation valve 90° clockwise to isolate gas supply.



Shut down at Hydrogen Isolation Valve: Twist 90° clockwise.

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.

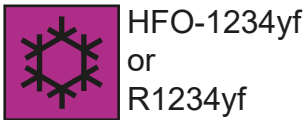
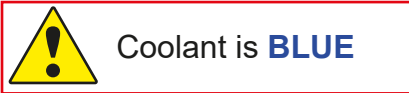
To open the doors from inside, push the emergency button located near the top edge of the doors. Lift the flap and push the button to release the doors.

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

2 Front/entrance doors: Push the outer edge inwards, then pivot the door into the bus.



5. Stored Energy / Gases



Hydrogen Storage at 400 bar (Max).



Ethylene Glycol
Hazards: H302, H373

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 or onto a damaged battery.



Twist 90° clockwise to shut Hydrogen Isolation Valve.



Thermal Fire
Detection Recommended



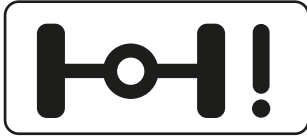
Thermal fire detection equipment recommended.
Auto fire suppression in drive bay.

7. In Case of Submersion

HV
IsolatorAs for **Section 3 - Disable direct hazards.**

Follow safety routines once out of water.

8. Towing / Recovery

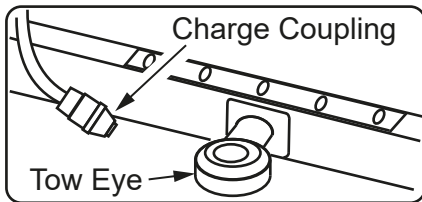


Ensure vehicle is in neutral then isolated.
Apply wheel chocks to prevent movement.
Wind off park brake actuators to release park brake.

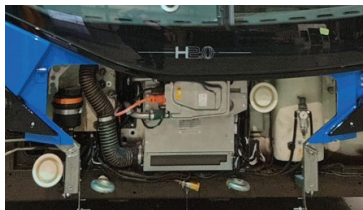
Remove half-shafts or drive shaft when towing.
or
Elevate and support drive axle.

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

Connect air to Charge Coupling if necessary

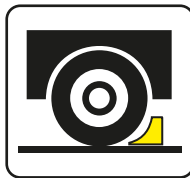


Twist locks to release front panel



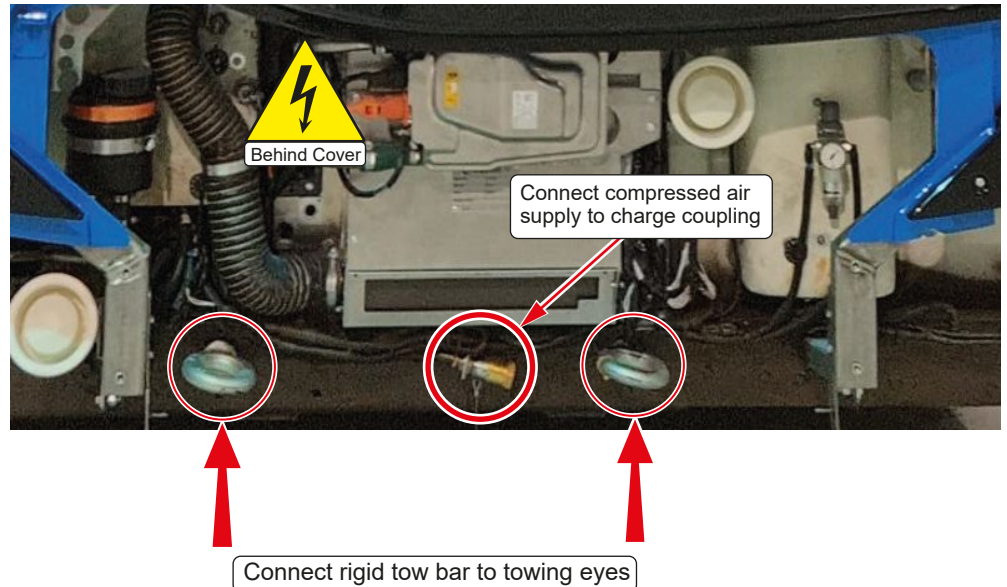
Open panel and lift out
and away from the clips

CHOCK WHEELS BEFORE PROCEEDING



⚠️WARNING:

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



Behind Cover

Connect compressed air
supply to charge coupling

Connect rigid tow bar to towing eyes

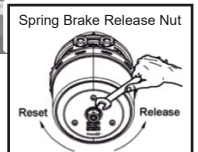
MANUAL PARK BRAKE RELEASE

Use a 24mm spanner to wind the
actuators off to release the brakes.

ACCESS BETWEEN
REAR SEATS

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



9. Contact Information

Alexander Dennis

Contact details for more information

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