

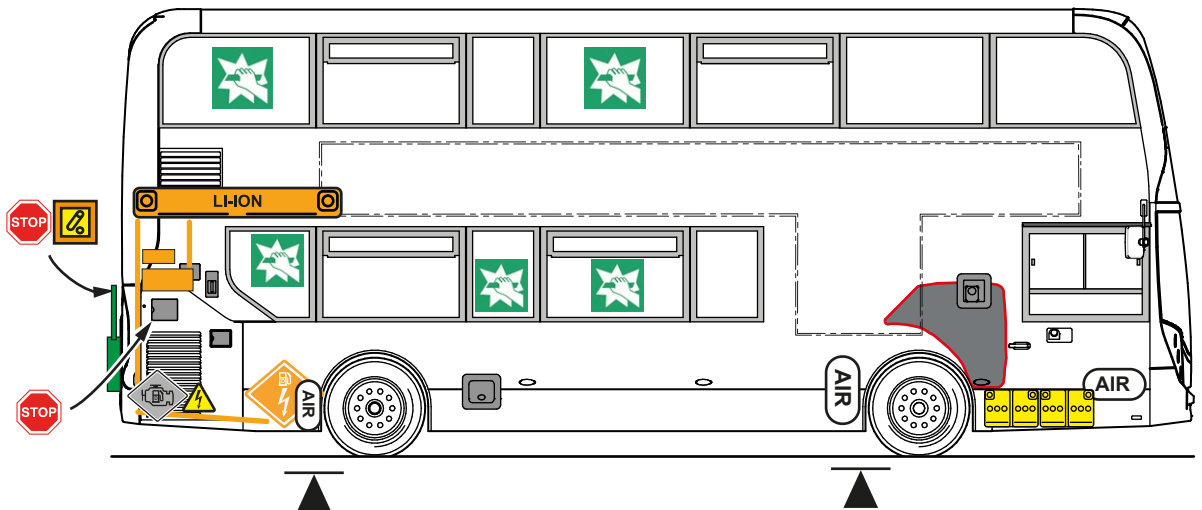
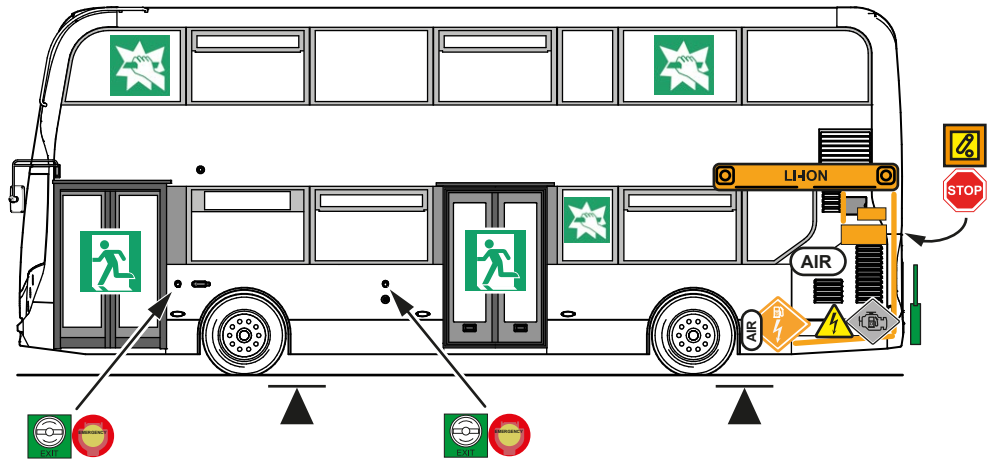
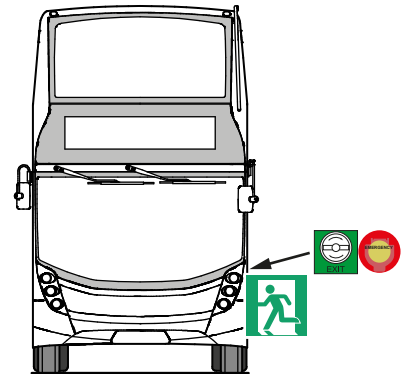
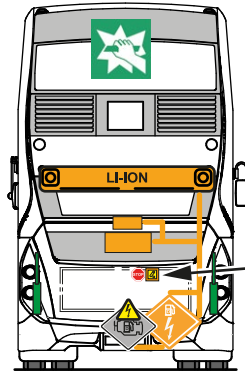
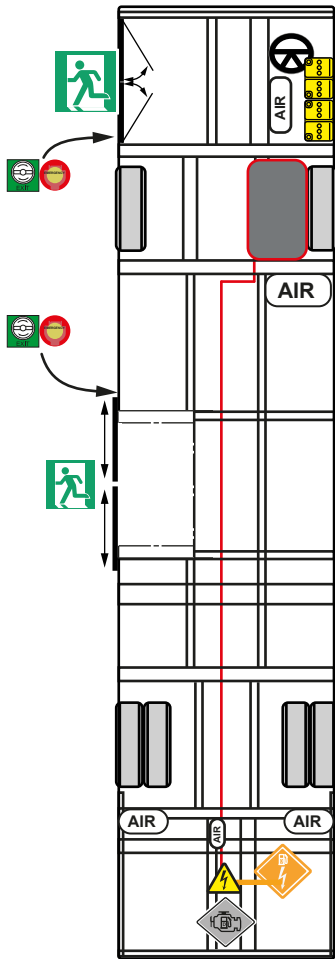
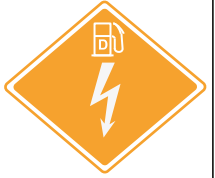


Alexander Dennis
Enviro400H
Double-deck
Bus
2017/-

Enviro400H
Enviro400ER



RHD



Low Voltage
Battery



High Voltage
Battery



Hybrid Drive
Electric-Diesel



High Voltage
Junction Box



High Voltage
Cable



Compressed
Air Tank



HV Disable



Emergency
Exit



Break Glass
Exit



24v Battery
Disconnect



Emergency
Stop Switch



Door Control



Diesel Fuel
Tank



Diesel
Engine



High Voltage
Electrics



High Pressure
Gas Struts



Lifting Point

1. Propulsion Identification



Diesel-Electric HybriDrive® (Diesel engine has stop/start function).

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. **ENVIRO400H**

2. Immobilisation / Stabilisation / Lifting



Suspension Controls



Front Knee Lower



Full Raise Lower

Suspension height controls on driver's console.

3. Disable Direct Hazards



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



Rear Drive Bay Master disconnect Switch

Rear Drive Bay Emergency Stop Switch



Stop Switch behind oil fill flap



Isolation by 2 methods:



Push emergency stop switch inside rear drive bay.

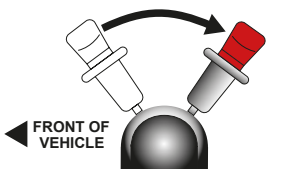


Rotate Master Disconnect Switch to disable HybriDrive® system.



Push emergency stop switch inside oil fill flap.

APPLY PARK BRAKE



ON POSITION

OR

Chock wheels to prevent movement



Park brake located on side console



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 Centre / Exit doors: Pull the door outwards using the handle at the bottom then Slide the doors open.

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



5. Stored Energy / Gases



750V Li-Ion

All High Voltage cables have orange insulation

Coolant is **BLUE**



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



Ethylene Glycol
Hazards: H302, H373

6. In Case of Fire



Do not spray water directly into the Drive Bay.
Battery Product identification:
NMC lithium-ion battery pack

Chemical Class:
ADR Class 9 – miscellaneous dangerous goods.

DO NOT USE WATER ON BATTERY FIRES:
CO₂, metal fire-ex powder or dry powder fire extinguishers are acceptable.

Ultra Low Sulphur diesel fuel. BS EN590.
Max capacity 150 Litres.

Engine Oil (ACEA E9). Max capacity 20 litres.

Auto fire suppression in drive bay.

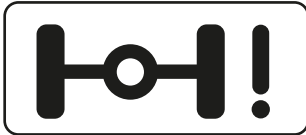
7. In Case of Submersion



As for Section 3 - Disable direct hazards.

Follow safety routines once out of water.

8. Towing / Recovery

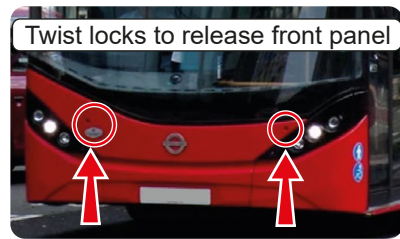
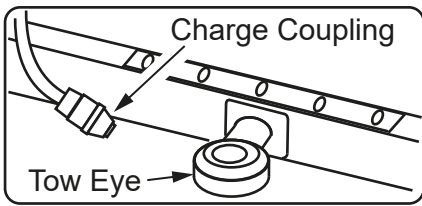


Ensure vehicle is in neutral then shut down.
Apply wheel chocks to prevent movement.
Wind off park brake actuators to release park brake.

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

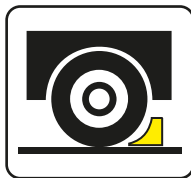
Connect tow bar to fully screwed-in towing eye.

Connect air to Charge Coupling if necessary

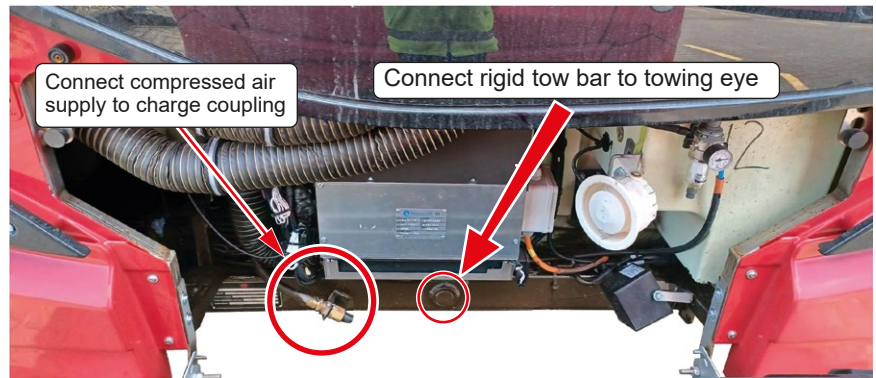


Open panel and lift out and away from the clips

CHOCK WHEELS BEFORE PROCEEDING



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



**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 BETWEEN REAR SEATS



9. Contact Information

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Contact details for more information
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