

Low Voltage
Battery



High Voltage
Battery



Electric
Drive



High Voltage
Junction Box



High Voltage
Cable



AIR



HV / LV
Disable



Emergency
Exit



Break Glass
Exit



24v Battery
Disconnect



Emergency
Stop Switch



Door Control



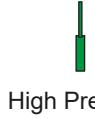
Electric Air
Compressor



BTMS
Air Conditioning



High Voltage
Electrics



High Pressure
Gas Struts



Lifting Point



Auto Fire
Suppression

1. Propulsion Identification



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

CAUTION:

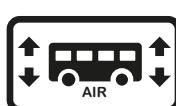
Lack of noise does not mean vehicle is off:
Silent movement or instant restart capability exists until vehicle is fully shut down

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.

Enviro200EV
Enviro200EV

2. Immobilisation / Stabilisation / Lifting



Suspension
Controls

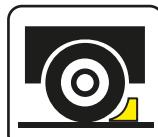


Front
Kneel

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.



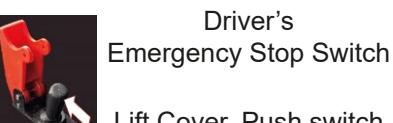
3. Disable Direct Hazards



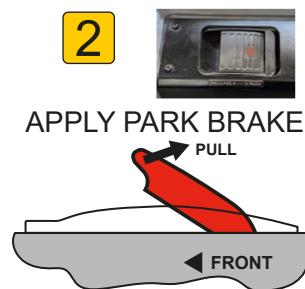
SELECT NEUTRAL



Safe Vehicle Shutdown Procedure



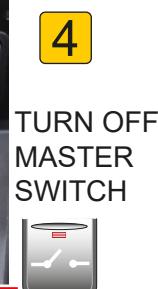
Driver's
Emergency Stop Switch



APPLY PARK BRAKE



TURN OFF
IGNITION



TURN OFF
MASTER
SWITCH

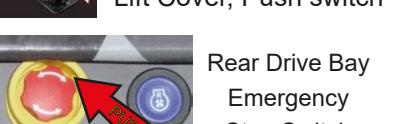


To confirm when vehicle is powered fully off:

- No illumination on instrument cluster
- No lights on master or Ignition switches



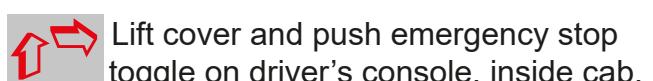
HV Isolation by 2 methods:



Lift Cover, Push switch



Rear Drive Bay
Emergency
Stop Switch



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.



Maximum
6mmØ Hasp

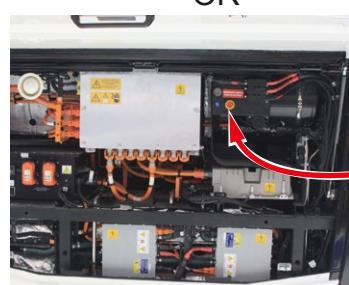
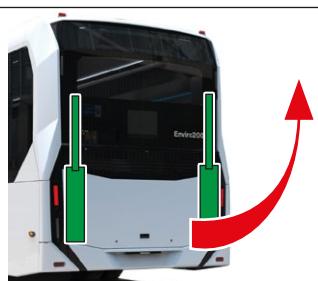
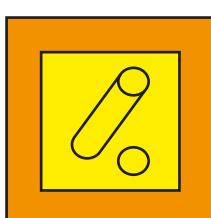
Emergency Vehicle Shutdown (ALL 24V and Drive system)



OR



Stop Bus



PUSH

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.



External Emergency Exit Button



Internal Emergency Exit Button



5. Stored Energy / Gases



750V Li-Ion



All High Voltage cables have **orange** insulation

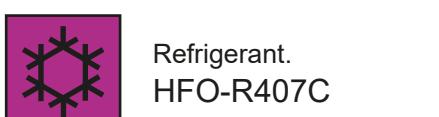
Do not cut **orange cables** or open high voltage enclosures.



Coolant is **BLUE**



Ethylene Glycol
Hazards: H302, H373



Refrigerant.
HFO-R407C

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:

C02, metal fire-ex powder or dry powder fire extinguishers are acceptable.

⚠️ WARNING: Do not submerge vehicle to extinguish fire.



Thermal Fire
Detection Recommended

Auto fire suppression in drive bay.

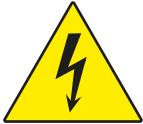
⚠️ Battery Re-Ignition

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

7. In Case of Submersion

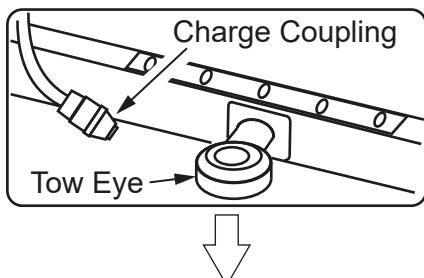
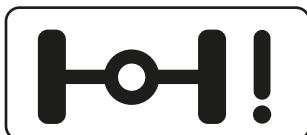
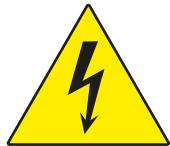


Isolate HV

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

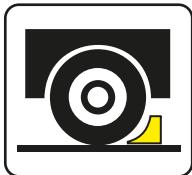
Follow safety routines once out of water.

8. Towing / Recovery



Open panel and lift out and away from the clips

CHOCK WHEELS BEFORE PROCEEDING



WARNING:

In this condition the brakes are completely inoperative.

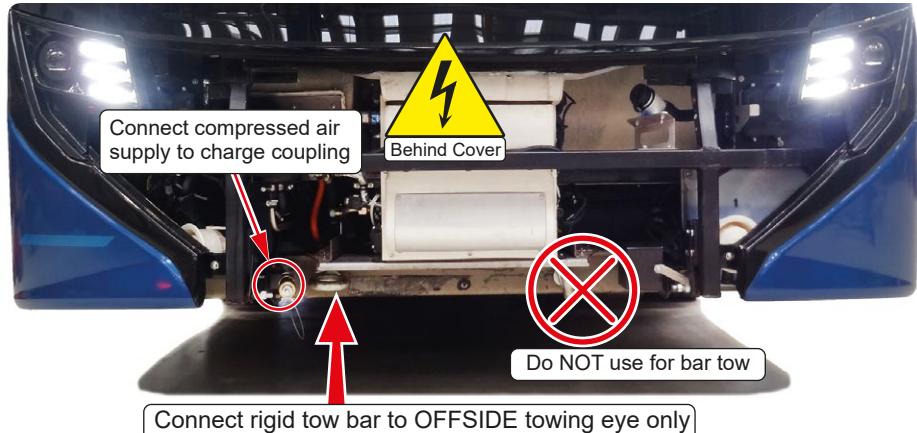
Wheels **MUST** be chocked.

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

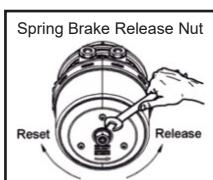
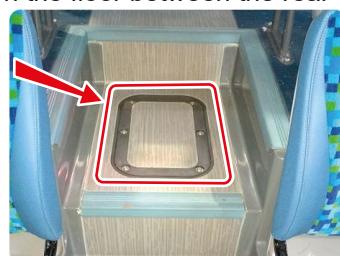


For rigid bar towing, only the OFFSIDE eye must be used, as indicated, to prevent damage to the front components.

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.



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

9. Contact Information

Alexander Dennis

Contact details for more information

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