

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	Auto Fire Suppression
Doc. Ref: 4019	Issue / Version Date: Feb 2026	Doc Standard: ISO 17840-2	Copyright © Alexander Dennis 2025 – 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.

Enviro200EV**Enviro200EV**

2. Immobilisation / Stabilisation / Lifting



Suspension Controls

Front Knee

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

SELECT NEUTRAL



APPLY PARK BRAKE

PULL



FRONT



TURN OFF IGNITION



WAIT

10 SECS



TURN OFF MASTER SWITCH



To confirm when vehicle is powered fully off:

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

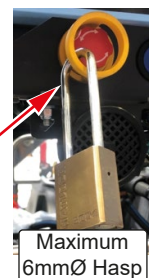
**HV Isolation by 2 methods:**

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



Push emergency stop switch inside rear drive bay.

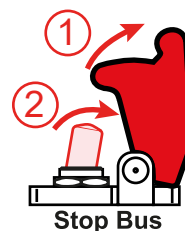
Switch can be secured with a padlock.



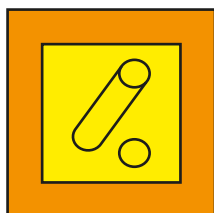
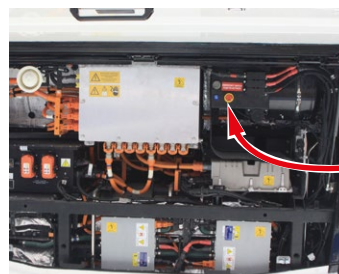
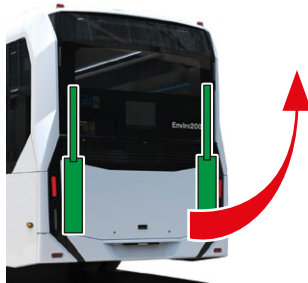
Maximum 6mmØ Hasp

Emergency Vehicle Shutdown (ALL 24V and Drive system)

OR



Stop Bus



4. Access to the Occupants

1

External Emergency Exit Button

Internal Emergency Exit Button

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

750V Li-Ion

All High Voltage cables have **orange** insulation

Coolant is **BLUE**

Refrigerant.
HFO-R407C

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

Ethylene Glycol
Hazards: H302, H373

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

6. In Case of Fire

Thermal Fire
Detection Recommended

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.

Auto fire suppression in drive bay.

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

7. In Case of Submersion

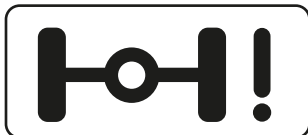


Isolate HV

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

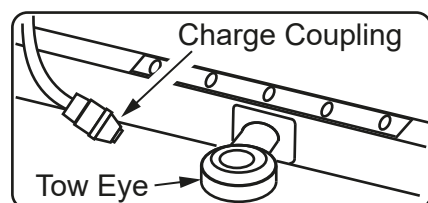
Elevate and support drive axle.

Connect tow bar to OFFSIDE towing eye only.

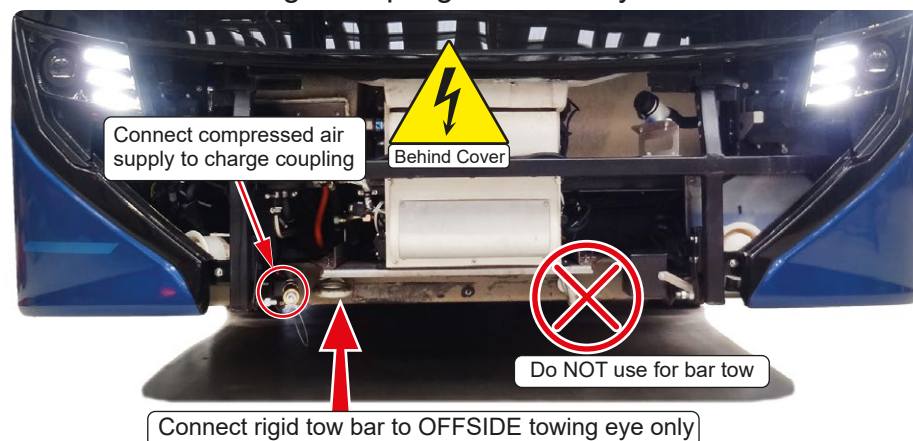
or

Use A-frame on both towing points at front.

Connect air to Charge Coupling if necessary



Open panel and lift out
and away from the clips

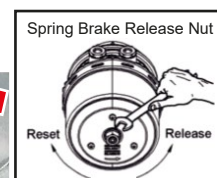
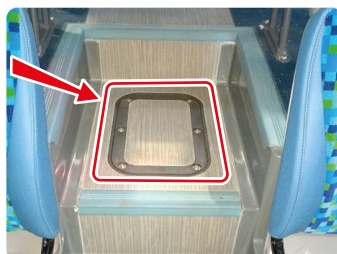


For rigid bar towing, only the OFFSIDE eye must be used, as indicated, to prevent damage to the front components.

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

✉ email: info@alexander-dennis.com

Alexander Dennis

Trident House, 2 Voyager Park
Dingley Way, Farnborough
GU14 6FF. United Kingdom
Telephone: + 44 (0)1483 571271

Alexander Dennis

9 Central Boulevard
Central Park, Larbert
FK5 4RU. United Kingdom
Telephone: +44 (0) 845 358 9988