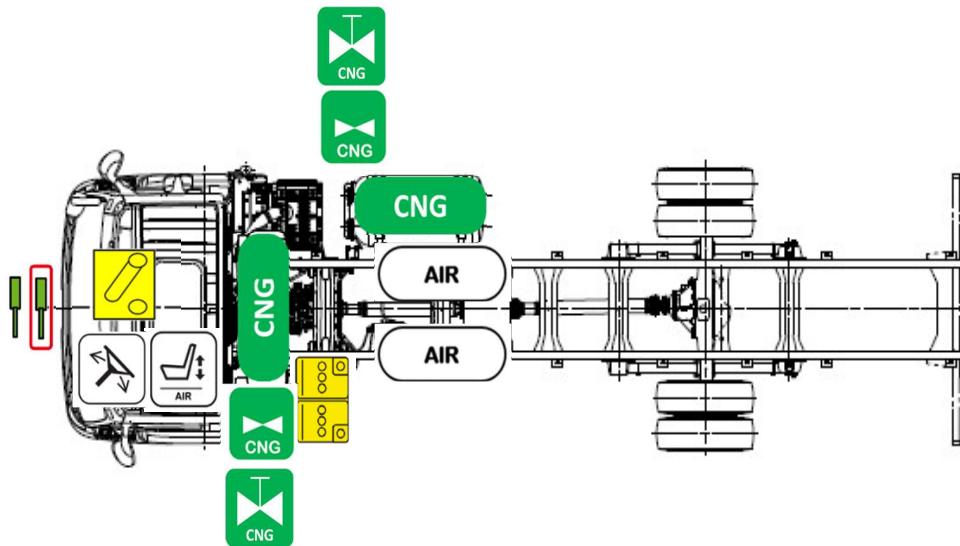
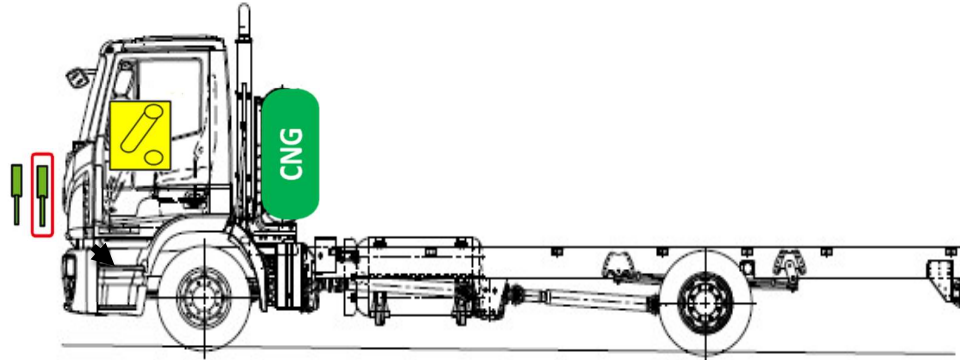
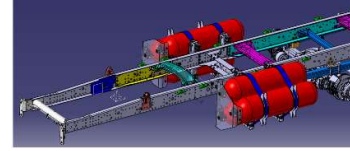
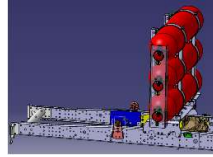












Eurocargo CNG (Natural Power) - Rescue Sheet

Iveco Eurocargo CNG (Natural Power) – full CNG version - 4x2 version (start of production in 2017)



	Battery low voltage		Device to shut down power in vehicle		Gas strut / preloaded spring		CNG manual shut-off valve
	Seat air adj. by air system		LPG gas tank		CNG automatic overpressure safety valve		Air tank
	Steering wheel, tilting control		CNG gas tank				

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Eurocargo CNG (Natural Power) - Rescue Sheet

1. Identification / recognition



"Natural Power"
door badging



CNG propulsion pictogram (optional)

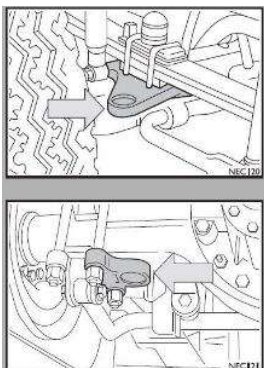
2. Immobilization / stabilization / lifting

1 Choke wheels



Put the vehicle
in neutral (N)
and engage the
handbrake

2



Use these lifting points if it's needed

3. Disable direct hazards / safety regulations

1



Engine stop through the key close
to the steering wheel inside the cab

2



Automatic 24V battery
disconnection switch
(located on the central
dashboard inside the
cab) **24V voltage
battery** located on
external side of the
chassis frame rear the
cab



(alternative) manual disconnection
switch located on external side of
the chassis frame rear the cab

3

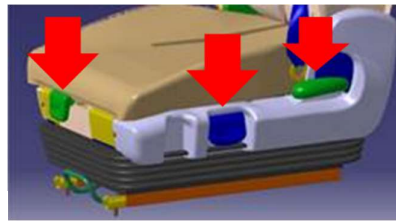


Close this central CNG manual valve
(under the cab on the left side close to
the tire) a clockwise direction to shut-off
the fuel and stop the engine

4. Access to the occupants



Driver and passenger seat height adjustment for pneumatic seat



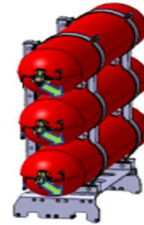
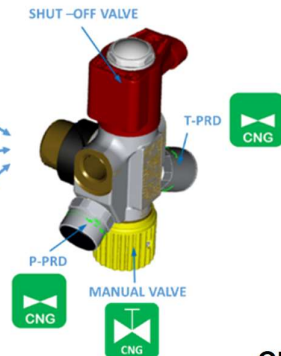
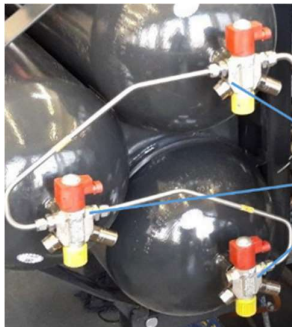
Driver and passenger seat height adjustment for mechanical in the cab



Unlock the lever under steering wheel to tilt or adjust it



5. Stored energy / liquids / gases / solids

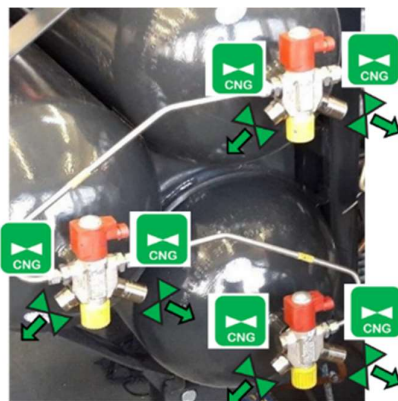


CNG gas: could be odorless or color/explosive

6 x 70l CNG cylinder (3 on vehicle side + 3 behind the cab), 200 bar pressure
Each cylinder is equipped with manual valve, P-PRD and T-PRD

- T-PRD: fuse (thermal) protection (opening at $110\pm 10^\circ\text{C}$)
- P-PRD: fuse (pressure) protection (opening at 340 bar)
- YELLOW manual gas valve on each CNG cylinder (standard operation) → close it in a clockwise direction to shut-off the fuel

6. In case of fire



CNG automatic overpressure and overtemperature safety valves:

- **T-PRD Fuse (thermal) protection**, melting and allowing the gas to be discharged safely in case of fire on the vehicle, preventing cylinder explosions due to overpressure. **Melting temperature: $110\pm 10^\circ\text{C}$.**
- **P-PRD Fuse (pressure) protection** allowing the gas to be discharged safely in case of overpressure (340 bar).



In case of fire, automatic overpressure and/or overtemperature valves could work to stop rising pressure into the tank. In this case, a flare-up could be seen. The tanks will blow off till totally empty (**no auto-close is permitted**).



Use water to extinguish vehicle and cool the heat source(s) close to the CNG cylinders. **Don't put water on TPRD valves** (opens @ $110\pm 10^\circ\text{C}$). Cold water could prevent opening when tanks get heating up.



After risk assessment, if necessary use foam



After risk assessment, if necessary use ABC powder extinguisher near the tank

7. In case of submersion

No specific information

8. Towing/transportation / storage



Max towing speed: 40 km/h and max permitted towing distance: 100 km.
"Closing CNG manual CNG valves after accident



9. Important additional information



Two hands pulling to release the hood



Alternative to stop engine: Air intake to put carbon dioxide-CO₂ in it (tear off the black plastic cover to reach the air intake)