

Announcement

Isuzu Provides CNG (Compressed Natural Gas) Bus for
"G8 Hokkaido Toyako Summit"

In response to the request from Japanese Government to supply a vehicle of excellent environmental performance for "G8 Hokkaido Toyako Summit", Isuzu Motors Limited (President and Representative Director: Susumu Hosoi, hereinafter called ISUZU) provides its heavy-duty route bus, ERGA that runs on CNG (Compressed Natural Gas) as a shuttle bus for transporting people of governments and media.

Outline of Vehicle Furnished by ISUZU for "G8 Hokkaido Toyako Summit"

Powered by a newly developed 6HF1-TC engine, the ERGA CNG-MPI route bus meets new CNG vehicle emission technology guidelines (new long-term standards) - the first bus to comply with this standards in Japan. ISUZU pursued clean emissions through fine-tuned injection control over fuel quantity and timing by fitting "MPI (multipoint injection)" system to the 6HF1-TC engine as it does to CNG trucks. As a result, the ERGA CNG-MPI is certified by Ministry of Land, Infrastructure, Transport and Tourism as a low emission vehicle since it reduces Nox by 10% from the 2005 regulation level. All models of the ERGA CNG-MPI route bus are fitted with idling Stop & Start system as standard feature for further CO₂ reduction and at the same time ISUZU extends its mileage per fill as well.

Amid growing calls for environmental measures to curb Global Warming and other pressing issues, CNG vehicles are attracting attention as low emission vehicles that emit almost no PM and very low CO₂.



Main features are as follows:

(Engine)

- Employs MPI (multipoint injection) system that enables fine-tuned injection control over fuel quantity and timing. This reduces Nox, HC, CO to the extremely low level.
- Meets new CNG vehicle emission technology guidelines (new long-term standards) and is certified by Ministry of Land, Infrastructure, Transport and Tourism as a low emission vehicle by reducing further 10% Nox from the 2005 regulation level.
- 7.8-liter 6HF1-TC engine increases its maximum output from the conventional model. In addition, all models are fitted with automatic transmission as standard feature and boast of improved dynamic performance and drivability.

(Feature)

- All models are equipped with idling Stop & Start system as standard feature and achieve further reduction of CO₂ emissions.

<Main Specification>

Model	PDG-LV234L2 (rev)
Dimension	Overall length 10,425mm X Overall width 2,490mm X Overall height 3,270mm
GVW	14,370kg
Engine Model	6HF1
Displacement	7,790cm (cc)
Max. Output	180kW(245ps)/2,200rpm(net value)
Max. Torque	883N•m(90kg•m)/1,400rpm(net value)
Transmission	Electronically controlled 5 speed automatic transmission
Capacity	74 persons (30 seated+43 standing +1 crew)
Other	Idling Stop & Start system

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