

ISUZU has full-model-changed its heavy-duty truck model, GIGA

Isuzu Motors Limited (headquartered in Shinagawa, Tokyo and headed by the President and Representative Director, Mr. Masanori Katayama) has full-model-changed the popular rigid-type models (equipped with the 6UG1 engine) in its heavy-duty truck series, "GIGA", and is launching them in Japan today.



The New GIGA, has evolved from a stand-alone truck into a "connected carrier system" to maximize customers' uptime by giving solutions to the issues they are facing such as labor shortage, operational cost, environmental and safety problems.

Its performance, sophisticated from the five viewpoints of drivers' comfort, fuel efficiency, total safety, loading capacity and remote assistance, will surely better serve the needs of customers as an ideal next-generation truck.

The main improvements being offered by the new GIGA are as follows:

#### EXTERIOR

- The new aerodynamic cab frame has lowered its air resistance to ensure optimum aerodynamics and better fuel economy. At the same time, high user-friendliness has been achieved thanks to the functional and stylish steps and grips.
- The front face looks more functional and modern, having the large front grille which helps the large intercooler to achieve higher cooling performance.

#### INTERIOR

- For easier and efficient driving, the semi-round instrument panel has been adopted. All the switches, grouped by frequency of use, are located near the meters for easier operations and higher distinguishability. In addition, the steering wheel switches and 4-inch multi-information LCD monitor are enabling safer and easier driving.
- The seats have been improved in adjustability, air permeability and capability to support the occupant's postures. Thanks to this, the comfortable interior space has been realized.

#### ENGINE

- The 6UZ1 engine has been improved. The following modifications have been made to increase the low to mid-range torque and improve fuel efficiency.
  - The specifications of the turbocharger, changed.

- The intercooler and radiator, made larger.
- The highly efficient EGR cooler, adopted.
- The supply pump, changed.
- The new injector, adopted.
- The ultra-high pressure common rail system, adopted.
- The cargo and dump models come standard with the "ecostop" system which automatically stops and restarts the engine to minimize the unnecessary fuel consumption during idling.

#### TRANSMISSION

- The automated manual transmission, Smoother-Gx, has been improved to enable the vehicle to offer a smoother-ever start, by decreasing "shift shocks". In addition, by adopting the engine retarder, the capabilities of the auxiliary brakes, have been improved.
- The models equipped with the 6UZ1-TC engine and 12-speed Smoother Gx, come standard with the "Smart Glide" system. This system automatically disengages the clutch when the vehicle is running on a downgrade with its accelerator pedal lightly depressed in order to effectively utilize the inertial force of the vehicle for more fuel saving.

#### PURSUIT OF TOTAL SAFETY

- The pre-crash braking system has the collision avoidance support function added to cope with moving obstacles, in addition to the conventional collision mitigating function. The double detecting mechanism using a millimeter wave radar and a camera, has largely improved the accuracy of forward obstacle detection.
- The newly adopted LDWS (Lane Departure Warning System), monitors the lane markers using the camera, and alerts the driver when he/she likely goes out of the lane using the warning buzzer and the 4-inch LCD monitor.

#### HIGH LOADING CAPACITY

- In spite of the full-model change, the curb weight increase has been minimized to ensure high loading capacity.

#### REMOTE ASSISTANCE BY TELEMATICS

- The MIMAMORI system, which analyzes the data from vehicles on-line, is being offered as standard equipment. A variety of useful advices for compliance with laws and regulations and eco-driving will be given through this system. What's more, the real-time status of the vehicle can be easily checked via the internet by the customer too.
- The high quality genuine maintenance program, "PREISM" is being provided by utilizing the vehicle data collected via the MIMAMORI system in advance. Through this maintenance program, the authorized Isuzu dealers will be pleased to boost customers' uptime.

The "pre-crash braking system" and "lane departure warning system (LDWS)" are the devices to assist drivers to drive safely. They are not something which makes it possible for vehicles to achieve performance beyond their capabilities. We would like our customers to always drive safely and carefully without too much relying on these systems.