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ISUZU ANNOUNCES TWO NEW GASOLINE ENGINES AT NTEA WORK TRUCK SHOW

*Powerplants Meet Future Emissions Standards and
Include First Gas Engine Available in a 19,500-lb. GVWR Low Cab Forward Truck*

INDIANAPOLIS, Ind.—Isuzu Commercial Truck of America, Inc., distributor of America’s best-selling low cab forward trucks, revealed two new gasoline engines for its industry-leading N-Series trucks today. The company announced the powerful, efficient and eco-friendly powerplants at the National Truck Equipment Association’s 2020 Work Truck Show in Indianapolis.

The engines include a 6.6-liter V8 that will be available in the Class 3 NPR and Class 4 NPR-HD, and a 6.0-liter V8 that will be offered in both the Class 5 17,950-lb. GVWR NQR and the Class 5 19,500-lb. GVWR NRR.

The NRR will be the first 19,500-lb. GVWR low cab forward truck on the market to offer a gasoline engine option.

“Some of the major challenges our industry will face in the coming decade are the result of emissions regulations, some that have been defined and some that are still a work in progress,” said Shaun C. Skinner, president, Isuzu Commercial Truck of America and Isuzu Commercial Truck of Canada. “At the same time, we see an increasing demand for gasoline engines in Classes 3, 4 and 5. These engines will allow us to meet new and stringent emissions requirements *and* meet the needs of our dealers and customers as the market grows and evolves.”

NPR Gas and NPR-HD Gas 6.6L V8

Production of NPR Gas (12,000-lb. GVWR) and NPR-HD Gas (14,500-lb. GVWR) models equipped with the new 6.6-liter V8 gasoline engine will begin this July.

To develop the new powerplant, engineers began with a proven small-block design and incorporated advanced Gen V technology to meet heavy-duty powertrain requirements. This technology reduces emissions and provides improved output and efficiency without compromising capability and durability. Among the highlights:

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Commercial Truck of America, Inc.

- Direct injection provides precise fuel control and more complete combustion for greater efficiency
- Variable valve timing improves performance, economy *and* emissions
- Variable displacement oil pump varies the oil pressure based on engine demand
- Power output of 350 horsepower and 425 lbs.-ft. of torque at 3,800 rpm
- 200,000-mile design life

The engine will be mated to a proven 6L90 six-speed automatic transmission with double overdrive and a lock-up torque converter. Both NPR and NPR-HD models will offer a generous 38.6-gallon stainless-steel fuel tank for extended driving ranges.

Both Standard Cab and Crew Cab models will be available with wheelbases ranging from 109 to 176 inches.

The trucks will be assembled by Spartan Motors in Charlotte, Michigan, starting in July 2020.

NQR Gas and NRR Gas 6.0L V8

The new 6.0-liter V8 engine that will debut in the upcoming NQR and NRR Gas models represents the first time Isuzu has offered a gasoline engine in a Class 5 truck—and the NRR Gas will be the first gas-powered Class 5 low cab forward truck with a 19,500-lb. GVWR in the industry.

- The engine will be certified and supplied by Power Solutions International and built from a Vortec V8 block that has been customized to Isuzu specifications.
- The powerplant will produce 311 horsepower and generate 353 lbs.-ft. of torque at 4,150 rpm.
- The engine will be mated to a six-speed Allison 1000 RDS transmission with power takeoff. This will be the first time Isuzu has offered PTO in a gas-powered truck, which will be especially useful for vocations that require that kind of capability.
- Like Isuzu's new Class 3 and 4 gas trucks, both the NQR and NRR will offer a 38.6-gallon stainless-steel fuel tank.
- Customers can choose between a Standard Cab with seating for three or the Crew Cab with seating for up to seven, and wheelbases ranging from 132.5 to 176 inches.

Spartan Motors will be assembling these trucks starting later this year, and availability is anticipated in the fourth quarter of 2020 or early first quarter of 2021.

The new engines will be exhibited at Isuzu's Work Truck Show display (Booth 4639) in the Indiana Convention Center through March 6.



About Isuzu Trucks

Isuzu commercial trucks have been the best-selling low cab forward trucks in America every year since 1986. Headquartered in Anaheim, California, Isuzu Commercial Truck of America, Inc. is the distributor of Isuzu commercial vehicles in the United States. Isuzu Commercial Truck of America, Inc. is a subsidiary of Isuzu Motors Limited, one of the world's largest manufacturers of medium- and heavy-duty trucks.

For more information, call (866) 441-9638 or visit www.isuzucv.com.

About Power Solutions International, Inc.

Power Solutions International, Inc. (PSI) is a leader in the design, engineering and manufacture of a broad range of advanced, emission-certified engines and power systems. PSI provides integrated turnkey solutions to leading global original equipment manufacturers and end-user customers within the energy, industrial and transportation end markets. The company's unique in-house design, prototyping, engineering and testing capacities allow PSI to customize clean, high-performance engines using a fuel agnostic strategy to run on a wide variety of fuels, including natural gas, propane, gasoline, diesel and biofuels.

PSI develops and delivers powertrains purpose-built for medium-duty trucks and buses for the North American and Asian markets, including school and transit buses, work trucks, terminal tractors, and various other vocational vehicles. In addition, PSI develops and delivers complete power systems that are used worldwide in stationary and mobile power generation applications supporting standby, prime, demand response, microgrid, and co-generation power (CHP) applications; and industrial applications that include forklifts, agricultural and turf, industrial sweepers, aerial lifts, irrigation pumps, ground support, and construction equipment.

For more information, visit www.psiengines.com.

About Allison Transmission

Allison Transmission (NYSE: ALSN) is the world's largest manufacturer of fully automatic transmissions for medium- and heavy-duty commercial vehicles and is a leader in electric hybrid-propulsion systems for city buses. Allison transmissions are used in a variety of applications including refuse, construction, fire, distribution, bus, motorhomes, defense and energy. Founded in 1915, the company is headquartered in Indianapolis, Indiana, and employs approximately 2,900 people worldwide. With a market presence in more than 80 countries, Allison has regional headquarters in The Netherlands, China and Brazil with manufacturing facilities in the U.S., Hungary and India. Allison also has approximately 1,400 independent distributor and dealer locations worldwide. For more information, visit allisontransmission.com.



Commercial Truck of America, Inc.

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