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**PRESS RELEASE**  
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## **Heavy-Duty NGV Maintenance and Diagnostics Training Curriculum Expanded** NGVi Provides Thorough Diagnostic Instruction for CNG Fuel System and Engine

**Las Vegas, NV** -- [Natural Gas Vehicle Institute](#) (NGVi), the ASE CASE-accredited leader in technical training for the CNG and LNG industry, announced today a newly updated and expanded version of its [Heavy-Duty NGV Maintenance and Diagnostics Training](#). Uniquely designed for technicians with all levels of CNG experience, this training provides them with the comprehensive learning necessary for safe maintenance, diagnosis and repair of heavy-duty natural gas vehicles. This course covers all of the components of the CNG fuel system and has been expanded to include not only the Cummins ISL G but also the ISX12 G engine.

"We are thrilled to release this newly expanded and restructured training. Because we have in-depth understanding of both CNG fueling equipment and vehicles, we are able to give technicians knowledge and skills they can't get from any other training provider," said Leo Thomason, Executive Director of NGVi, "This is the only heavy-duty NGV technician course that covers it all. While manufacturers offer engine training, fuel system training, and other product-specific training, we cover the fuel, the CNG fuel system and the engine, in depth, in a single, comprehensive course."

[Heavy-Duty NGV Maintenance and Diagnostics Training](#) is an intensive three-day course that helps technicians understand how gaseous fuel, the CNG fuel system, and the engine work together. It addresses the effects of carryover oil on fuel systems and engine components, which is the most significant challenge facing heavy-duty NGV technicians today. It covers function, failure modes, serviceability and service/repair procedures for components of all CNG fuel systems, regardless of manufacturer. On the engine side, the course trains technicians on both routine maintenance as well as how to diagnose every major sensor and actuator unique to Cummins natural gas engines.

The enhanced engine portion of the training was developed by Gordon Larsen, NGVi's Lead Instructor, and forty-year industry veteran with extensive experience as a technician, an NGV fleet supervisor, educator and NGV expert.

"Technicians must be able to determine the root cause of an issue, whether it was caused by fuel quality, a fuel system problem, or an engine problem," said Larsen. "Because our training covers all three of these elements, and explains their correlation, technicians learn to quickly and accurately resolve issues. It is this root cause analysis that enables technicians to solve the problem rather than simply treat the symptom," he added. "This ability increases technicians' effectiveness as well as reduces unnecessary maintenance costs and vehicle downtime."

The course is organized into 15 modules, and includes operational theory and more than a dozen hands-on exercises. It is a perfect prerequisite to fuel system or engine manufacturer training. Upcoming 2015 public training courses will be held in Chicago, IL, Dallas, TX and Spring Valley, NV. Registration for these courses is now open and available on the NGVi website at [http://ngvi.com/public\\_registration.html](http://ngvi.com/public_registration.html). Heavy-Duty NGV Maintenance and Diagnostics Training is also available at customers' sites, and can be combined with [CNG Fuel System Inspector Training](#).

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[About NGVi](#): NGVi is North America's leading provider of technical consulting and training on natural gas vehicles and fueling technologies. Established in 1989, NGVi has worked with hundreds of companies and government agencies throughout the U.S. and worldwide to help successfully integrate natural gas into their transportation mix. NGVi's training team is comprised of CSA and ASE certified instructors, each with more than 20 years' experience in technical consulting and training on natural gas vehicles and fueling. For more information, go to [ngvi.com](http://ngvi.com).