



WOODWARD CONTINUES TO DEVELOP NEW CONTROL TECHNOLOGIES THAT REDUCE OPERATING COSTS.

Woodward's OH-Series engine control systems provide clean-burning engines, strong performance and outstanding fuel economy, essential to OEMs and fleet owners worldwide for both new vehicles and repowering existing ones.

TRUST THE GLOBAL LEADER

More Than 20 Years Experience

Today's reliable and efficient OH systems are based on more than two decades of experience around the world.

Many OEMs, Many Models

OH systems have been proven with more than 16 engine manufacturers and 29 models, from under 5 to over 15 Liters.

More Than 225,000 On The road

Outstanding market share in China, Korea, India and other major markets.

Emissions Compliant

You define the standard – Euro 3, 4, 5, or 6 – and we provide the system.

SAVE MONEY

Fuel Economy

Fleets report 6%-10% improved fuel economy using OH6 engine control systems compared to other engine control systems.

High Reliability

Fleets can reduce maintenance costs of the engine control system by up to 50% over the life of an engine using Woodward OH-HD heavy-duty engine control systems.

OH App

The OH Smartphone App can save fleets up to an additional 10% in fleet fuel cost and further reduce maintenance costs of your natural gas engine.



OH App

Fleets that understand the enormous effect drivers play in fuel economy can save their company millions of dollars in annual fuel savings through proper driver education and fuel economy reward incentives. The Woodward fleet application monitors fuel economy, while real-time dashboards alert and coach drivers. A diagnostics feature monitors vehicles and offers on-board diagnostics, service reports, and troubleshooting assistance.



DIAGNOSITICS & TROUBLESHOOTING



FUEL EFFICIENCY DASHBOARDS



FLEET TRACKING & REPORTING



IFCV

INTEGRATED FUEL CONTROL VALVE MODULE

The IFV (Integrated Fuel Valve) combines critical system components into a single low-cost, low-maintenance unit. The integration of the airfuel mixer, fuel metering valve, injectors, and the low pressure lock-off valve decreases the length of the critical fuel path to reduce pressure loss and increase the response time of the fuel system.



PFAV

PROPORTIONAL FLOW AREA VALVE

The PFAV is a fuel metering valve that eliminates fuel system injectors and is far more tolerant to fuel contamination than traditional gas fuel injectors. The PFAV incorporates the fuel metering valve, pressure regulator, and a gas shut-off valve into one assembly. Unlike injectors that need replacing after several years, the PFAV has a projected life of two million km.



Coil on Plug |

HIGH-PERFORMANCE IGNITION COIL

Placing a high energy ignition coil directly on the spark plug significantly improves the ignition system's performance by providing the required kV and spark energy needed for high-performance engines. The Coil on Plug simplifies the packaging the ignition components and eliminates the high voltage ignition wires needed for each cylinder.



F-Tech | NATURAL GAS THROTTLE

The F-Tech is a heavy-duty, long-life throttle designed for natural gas engines. Its brushless DC motor and solid metal housing provide long life and durability needed in harsh applications.

GLOBAL SUPPORT

Woodward knows that its customers need to locate in growth areas, so we are right there with them – designing, manufacturing, and servicing our products. Careful consideration of environmental and cultural differences is the key to establishing Woodward as a concerned global citizen.

Our internal teams are comprised of employees from many locations as well – encouraging fresh ideas, offering a variety of views on how to meet new challenges, and providing our employees the opportunity to make a worldwide impact.

North and Central America, South America, Europe, Middle East and Africa, Russia, China, India, ASEAN and Oceania.

Our global presence allows us to respond quickly to the needs of our customers. Customers and the industry at large recognize our people as a competitive advantage through their diverse representation of the global community. Additionally, as a company and as employees, we respond to the needs of our local communities by donating our time, talent, and money.

Technical and other after-sales support services for your Woodward on-engine control products.

Woodward's global network of independent Business Partners and our engine manufacturer and engine packager customers provide an extensive range of technical and other after-sales support services for your Woodward on-engine control products. For distributor information, visit us at:

www.woodward.com/directory

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