

EICS-3516



EICS-3516 FOR LARGE HORSEPOWER ENGINES

FW Murphy’s Engine Integrated Control System (EICS) disrupted the industry with its advanced approach to engine management. Now, with 15 years of EICS leading the industry, FW Murphy is extending this solution to larger horsepower engines.

The latest offering is the EICS-3516 kit. This solution brings new life into older generation Caterpillar engines with modern technologies, providing customers with alternative options to OEM offerings. The kit retrofits the control system for the 4ER and WPW models.



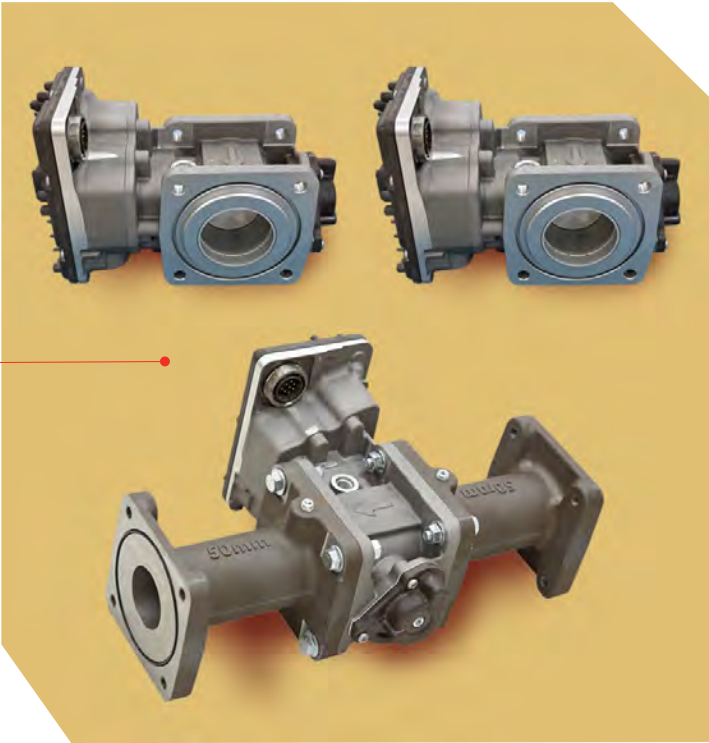
OVERVIEW

The EICS-3516 delivers smarter integration, simplified installation and peak performance in demanding applications. FW Murphy’s EICS-3516 unifies key functions – ignition system, air/fuel control, speed governing and diagnostics – into one package saving money and man-hours in installation and setup. The all-in-one kit is a complete replacement for all existing control system components.

With one kit maintain emissions compliance, optimize performance and simplify engine diagnostics for the 4ER and WPW models.

This technology maximizes performance while reducing emissions. Backed by a multi-year, multi-million dollar investment, EICS-3516 is built to keep your large horsepower assets operating at peak performance.

The kit includes new cast and machined components, ignition coils, seals, tubing and redesigned cam case covers for more straight-forward knock sensor installation. Every component has been validated in both dyno testing and field applications to ensure smoother installs, reliable operations and long-term durability.



FEATURES



EXTENDED LIFECYCLE

EICS-3516 extends the lifecycle of your Cat 3516 engines by supplying a complete engine management system that is calibrated and ready to be installed in the field. The system is backed by FW Murphy’s prolonged lifecycle management that is not bound by OEM obsolescence.



RELIABILITY

Real-time BTU technology allows the engine to ride through transient events. The system allows proper engine operation over a wide range of fuel compositions. Additionally, it eliminates the need for the operator to manually input the fuel’s BTU.



COMPLETE ECOSYSTEM

EICS-3516 integrates natively with FW Murphy’s Centurion® control panels and provides a seamless user experience from control interface to diagnostics. The M-LINK® IoT gateway allows the engine troubleshooting to be carried out remotely and with the support of FW Murphy’s engine specialist team.



LOWER COSTS

EICS-3516 allows engine owners to modify critical parts of the engine management system to meet your performance goals without other components.



MEETS YOUR NEEDS

With three kit options, EICS-3516 offers the technology needed to meet your needs. Whether it’s the low NOx kit, high-altitude or performance, choose the system that meets your unique needs.



TURNKEY SETUP

FW Murphy’s EICS-3516 kit includes all the necessary parts to install onto your CAT engine. The kit is engineered to be installed quickly and efficiently, even in the field resulting in minimum down-time and reduced costs.

WHY FW MURPHY?

FW Murphy has been the trusted industry standard for gas compression controls for more than 85 years. Our expertise in providing a fully integrated gas compression controls skid is engrained in our DNA.

FW Murphy provides industry-specific, fit-for-purpose instrumentation and control technologies that maximize compressor package performance and reliability. As the industry leader in gas compression controls, FW Murphy continues to innovate and provide customers with tailored engineering solutions that challenge the status quo and continues to adhere to our legacy of conquering complexity.



COMPLETE SUPPORT

FW Murphy parts and service are available through our extensive network of master distributors, dealers and partners. Contact your sales representative to learn how working with our trained representatives can assist you.

FW Murphy parts are backed by a two-year warranty for defects in materials and workmanship. We stand behind our parts to give you peace of mind.

FW Murphy offers emergency tech support 24 hours a day. Our expert technical team can assist with after-hours emergencies to keep your application running and troubleshoot emergency problems at any time.