

**KITS TO MEET 0.5 GRAM
NOx REQUIREMENTS**

EICS-3516

ENGINE INTEGRATED CONTROL SYSTEM

BIGGER BETTER BOLDER



FW MURPHY INTRODUCES THE NEXT GENERATION EICS FOR HIGH HORSEPOWER ENGINE – PURPOSE BUILT FOR THE CAT 3516.

▶ **Patented Technology** ▶ **Real-Time BTU Calculation** ▶ **Increases Uptime, Reduces Costs**

▶ **Designed & Tested for High Horsepower Engines**

This re-engineered Engine Integrated Control System (EICS) delivers smarter integration, simplified installation and peak performance in demanding applications. Murphy's EICS-3516 consolidates key components – ignitions system, air/fuel control, speed governing interface, diagnostic sensors and harnesses – 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 4EK and WPW models.

Our new system introduces FW Murphy's Air/Fuel Intake System, which integrates two Mass Flow Air Valves (MFA) and one Mass Flow Gas Valve (MFG).

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.

Big Engine, Big Performance with EICS

Contact FW Murphy today.



FW MURPHY
PRODUCTION CONTROLS

EICS-3516 ELEMENTS

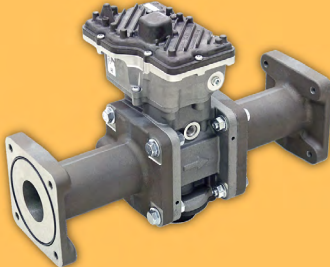
Designed and dyno- and field-tested for 3516 engines, this EICS variant has specific parts that maximize these mapped engines. FW Murphy's system optimizes performance, simplifies diagnostics and maintains engine compliance.



1 MFA



2 MFG



3 SMART COIL™



4 COVER



5 ECM



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