

# EICS<sup>®</sup>-HHP

ENGINE INTEGRATED CONTROL SYSTEM

# BIGGER BETTER BOLDER



## NEWEST EICS KIT FOR CAT 3516

- ▶ Patented Technology
- ▶ Real-Time BTU Estimation
- ▶ Meets 0.5 gram NO<sub>x</sub> Levels
- ▶ Designed & Tested for High Horsepower Engines
- ▶ Increases Uptime, Reduces Costs

FW Murphy introduces the latest EICS for high horsepower engines. We've maximized our Engine Integrated Control System for the CAT 3516 engine.

EICS combines key components – ignition system, air/fuel control, speed governing, interface diagnostics, sensors and harnesses – in one package saving money and man-hours in installation and setup of separate engine components. This all-in-one kit is a complete replacement for all existing control system components.

Engineered for the CAT 3516, this new EICS package maintains emissions compliance, optimizes performance and simplifies engine diagnostics. The 4EK and WPW models are supported in the new kits.

The EICS-HHP introduces FW Murphy's new Air/Fuel Intake System, which integrates two Mass Flow Air Valves (MFA) and one Mass Flow Gas Valve (MFG). This technology maximizes performance and emissions reductions. Our multi-year, multi-million dollar investment in creating this system will keep your large engine running at its peak. The kit also features new cast and machined parts, ignition coils, seals, tubes, and even redesigned cam case covers for more straightforward knock sensor installation. These details have been tested in the dyno and the field to make your engine and installation run smoother.

### Big Engine, Big Performance with EICS

Contact FW Murphy today.  **FW MURPHY**  
PRODUCTION CONTROLS

# EICS<sup>®</sup>-HHP

ENGINE INTEGRATED CONTROL SYSTEM

# HIGH HORSEPOWER

# 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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PRODUCTION CONTROLS

