Enhanced Performance and Reliability

Caterpillar continues to power the world with gas engine innovations that deliver high performance and fuel economy, as well as clean emissions. One innovation available now for G3512 & G3516 engines is the Caterpillar Advanced Digital Engine Management III electronic control system. The ADEM III electronic controls integrate governing (engine sensing & monitoring, air/fuel ratio control, ignition timing, and detonation control) into one comprehensive engine control system.

Your Cat® Dealer has all the information and equipment you need to take advantage of Caterpillar’s advanced engine technology. Upgrade your G3512 & G3516 engines in the field now with the Caterpillar ADEM III system, and harness the power of enhanced performance and reliability.
ADEM III Makes All The Difference

**Simplified System Architecture**
Allows easier troubleshooting and more reliable engine monitoring.

**Wiring Harnesses and Fewer Terminal Connections**
Improves reliability by reducing the number of electrically related faults.

**Pyrometer**
Monitors exhaust temperature in several locations.

**Remote Monitoring**
Maximizes efficiency and availability by providing data for nearly all engine Operating parameters. (Requires optional equipment).

**Advisor Display**
Simplifies engine operation and troubleshooting. (Requires optional equipment)

**Cat Electronic Technician (CAT ET)**
Allows an operator to view engine parameters and diagnostic codes for troubleshooting. (Requires optional equipment)

**CSA Certifiable**
All conversion systems are designed to meet the requirements of CSA Class 1, Division 2, and Groups C&D specifications.

The ADEM III upgrade for G3500 gas engines conversion is compatible with all turbocharged and aftercooled engines using air starting.

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**CAT® DEALERS DEFINE WORLD-CLASS PRODUCT SUPPORT.**
We offer you the right parts and service solutions, when and where you need them.

The Cat Dealer network of highly trained experts keeps your entire fleet up and running to maximize your equipment investment.