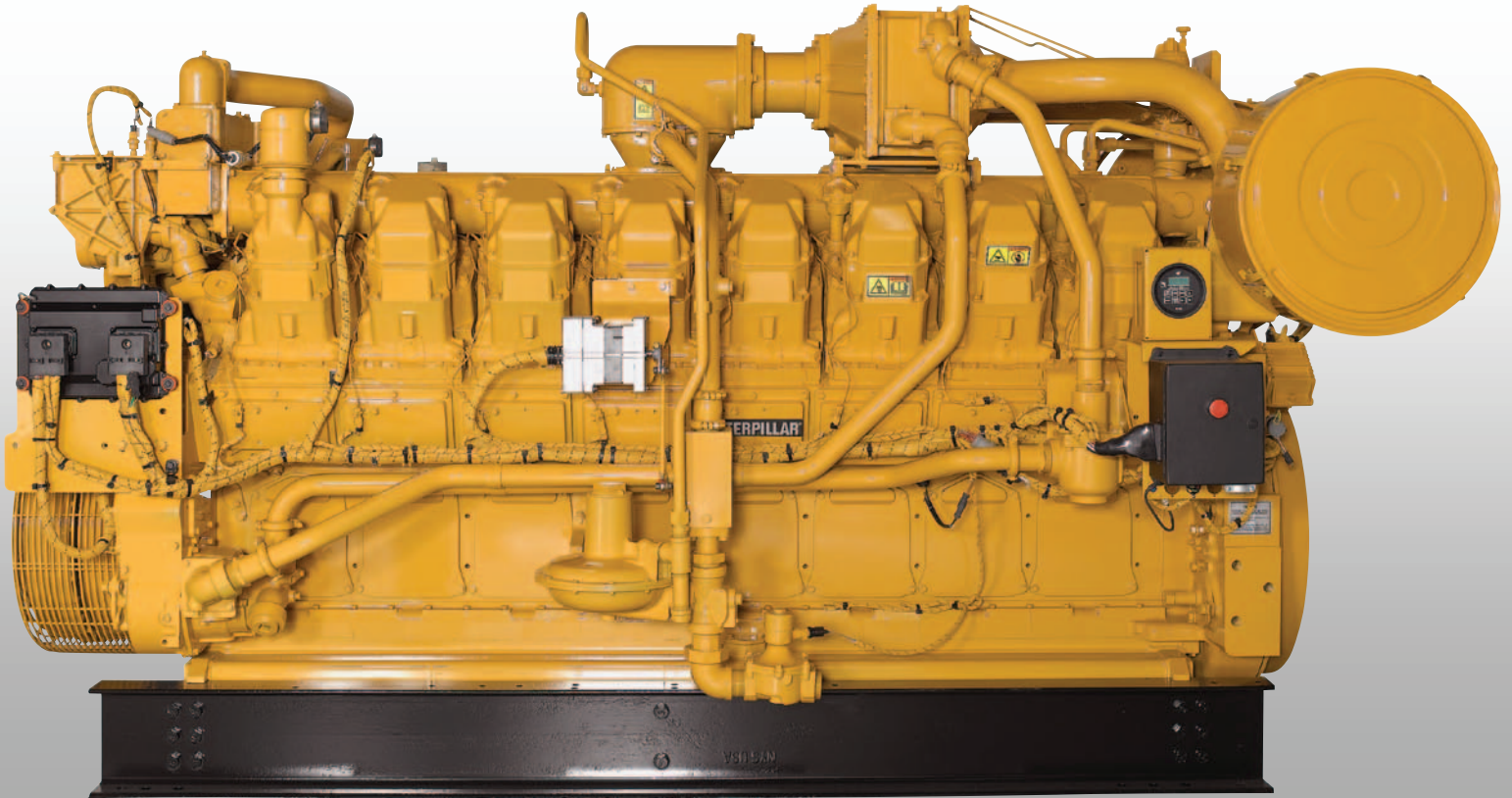


Cat® G3500 Advisor Panel Software Upgrade

for Gas Compression Engines



Enhanced Troubleshooting and Engine Configuration

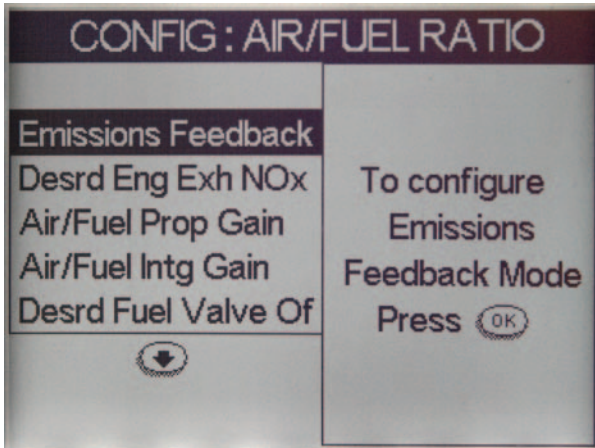
Caterpillar continues to deliver solutions to improve uptime and lower owning and operating costs. One innovation available now for G3500 engines with ADEM™ A3 is a powerful software upgrade for existing remote Advisor panels, allowing setup and troubleshooting without a laptop in most situations.

Your Cat® dealer has all the information and equipment you need to take advantage of the latest software technology. Upgrade your existing G3500 ADEM A3 remote Advisor panel on engines in the field today, and begin to reap the benefits of simplified service and maintenance.

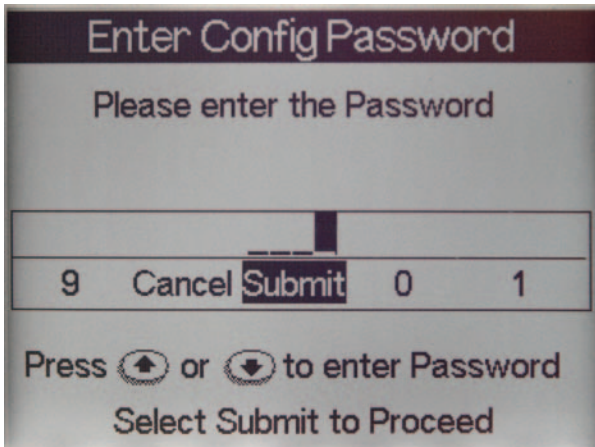


CATERPILLAR®

Configure the Engine Without ET



Password-Protected Configuration



Graphical Display of Parameters



No Laptop Required!

- Software stays with the engine, so there is no question about whether a laptop with Cat ET will be available on site.

User-Defined Password

- Protects the configuration menu to prevent engine adjustment by unauthorized personnel

Timing Control Settings

- First desired timing
- Second desired timing

Speed Control Settings

- Low idle speed
- Minimum high idle speed
- Maximum high idle speed
- Engine acceleration rate
- Rated engine speed
- Governor type setting
- Governor gain factor
- Governor stability factor
- Governor compensation factor
- Engine load timing map

Load Calibration Settings

- Full-load intake manifold pressure
- No-load intake manifold pressure

Air Fuel Ratio Control Settings

- Desired exhaust NOx level setting
- Air/fuel proportional gain
- Air/fuel integral gain

Start/Stop Control Settings

- Starting system type
- Driven equipment delay time
- Crank terminate rpm
- Engine purge cycle time
- Cool-down duration
- Cycle crank time
- Engine overcrank time
- Engine speed drop time
- Engine pre-lube setting
- Engine pre-lube timeout period
- Engine post-lube duration

Monitoring and Protection Settings

- High inlet air temperature engine load set point (other alarm and shutdown levels are not configurable without Cat ET)

Virtual Gauges

- Easy-to-read graphical display to simplify operations

Display and Clear Fault Codes

- Displays full-text descriptions of fault codes
- Fault codes can be cleared from display
- Simplified troubleshooting and diagnostics

System Requirements — G3508 LE, G3512 LE, or G3516 LE engine with an existing remote Advisor panel and NOx sensors