

DETROIT DIESEL

DEMAND PERFORMANCE™



The DD15 Fuel System includes the Amplified Common Rail Fuel System (ACRS)

that is the result of years of development, real world experience and grueling testing. This innovative system provides the most flexible and precise fuel management system of any heavy-duty diesel engine ever produced in North America.

Control. Flexibility. Power.

The ACRS provides ultimate operational readiness for today and tomorrow, including:

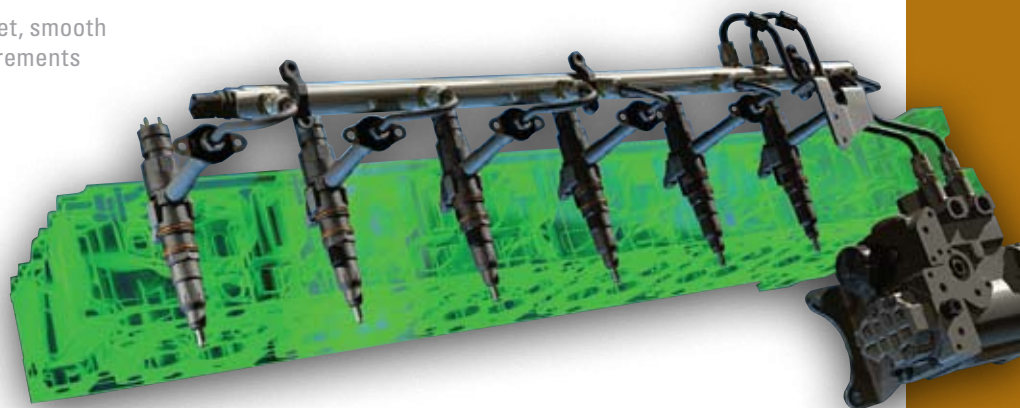
- Precise fuel delivery quantities for extremely quiet, smooth combustion and stringent emission control requirements
- Variable injection rate shapes for optimal fuel economy across all modes of truck operation
- Continuously flexible pressure regulation for immediate power on demand
- Seamless multiple injection for part load and aftertreatment management

Fundamental Advantages of DD15 Fuel System

- High pressure pump performs less than 50% of the maximum injection pressure build-up
- Final high pressure amplification is isolated in the injector, not in the rail or fuel lines, thus yielding:
 - Less stress on high pressure fuel lines and pump than conventional common rail fuel systems
 - More precise control at the nozzle
 - No engine lube oil circuit involved in the fuel system since the pump is fuel lubricated
- Easier removal of the injector (not camshaft driven)
- Superior self-monitoring diagnostics
- Readiness for 2010 & beyond requirements

Integrated Fuel Filter Module Features

- Engine-mounted
 - High efficiency / long life water coalescer and final filter
 - Serviceable / cleanable prescreen
- Includes hand priming pump, separate priming port, Water in Fuel (WIF) sensor and Environmentally Safe Oil Change (ESOC) (optional)
- Fully integrated with DD15 diesel particulate filter hydrocarbon dosing system
- Adaptable to truck frame mounted filtration systems (optional)



ACRS™
AMPLIFIED COMMON RAIL SYSTEM

**DETROIT DIESEL****DD15™**

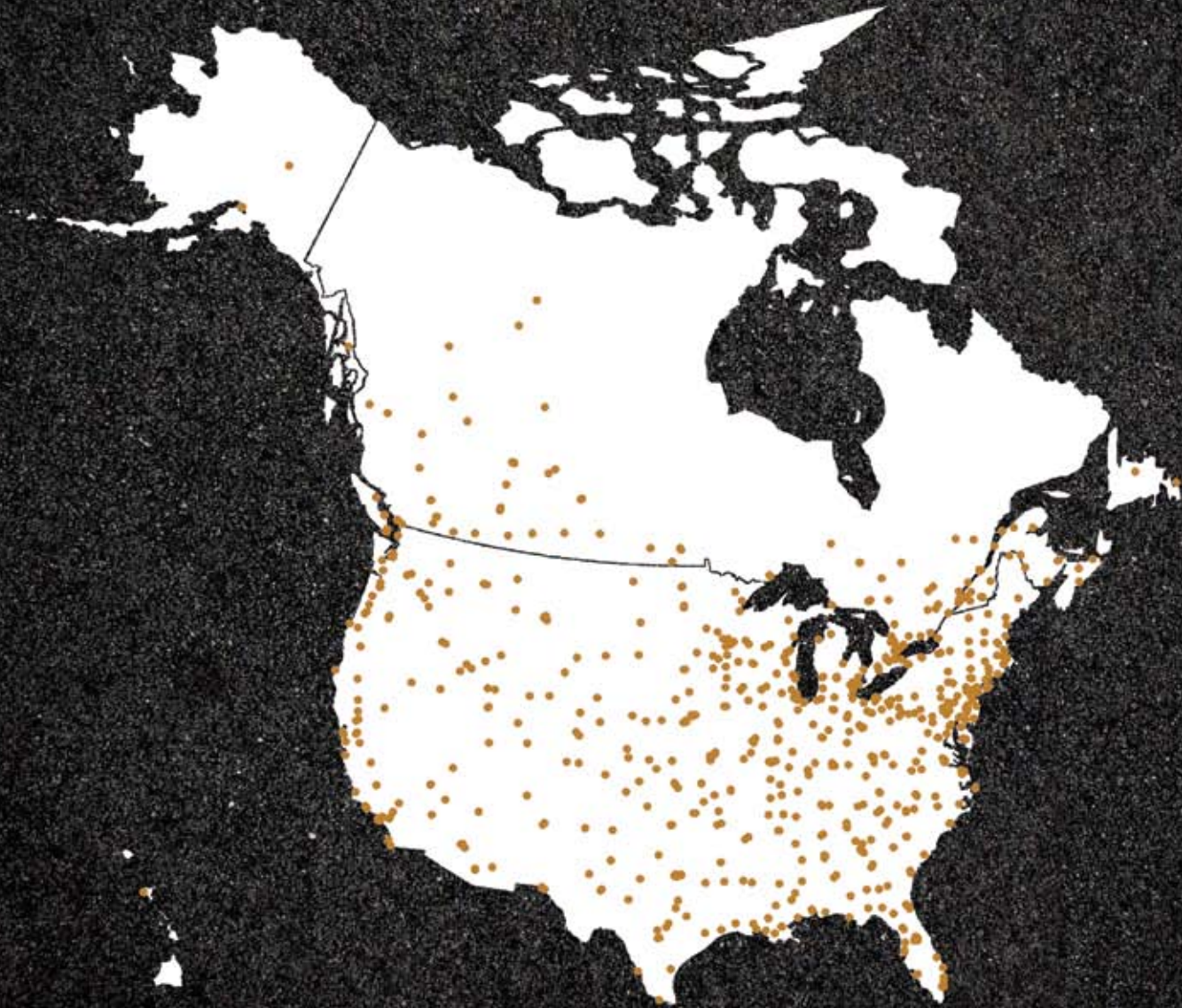
For more information, call 1-800-445-1980 or visit us at www.DetroitDiesel/DD15.com



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