

SEQUIN™ LPG Dual Fuel Sequential Injection System

Compatible with Ford's 4.6 & 5.4 Litre Van and Truck Platforms

- Ford F 250
- Ford F 350
- Ford E 250
- Ford E 350
- High Performance *Dual Fuel* Flexibility
- Sophisticated propane module interfaces seamlessly with original engine control unit
- Significantly Lower Propane-based Operating Costs
- Significant Life Cycle Economics
- Extended Engine Life
- Meets Canadian TIER I Environmental Emissions Standard
- CSA Approved



System Performance Features and Benefits

- System design and programming geared specifically to support and leverage Ford's 4.6 & 5.4 litre OBD II engine control unit functionality
- SEQUIN mirrors and replicates the functionality of Ford's gasoline engine dynamics, including all emission control capabilities – original OEM computer controls propane fuel injectors
- Seamless and transparent transitioning between fuels under all operating conditions
- Reliable vapour propane system – withdraws propane from the vapour space of storage tank which eliminates potential for 'heavy ends' contamination of control components

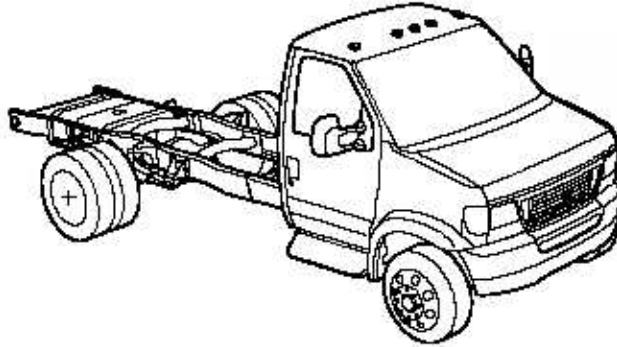
Positive Environmental Impact

- Reduced harmful emissions compared to gasoline – significantly less sulphur oxides; carbon monoxide; particulate matter, volatile organic compounds and carbon dioxide

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Underhood Components

- Unique SEQUIN Injection Module (SIM)* manages distinct electronic sensors and automatically delivers appropriate responses for temperature, fuel pressure and fuel liquid level changes
- SIM automatically manages fuel switching – no operator input required
- Switching function programmed to maximize propane-based operation
- Wiring harness includes direct plug-in to sensors using OEM style connectors
- BOSCH OEM gaseous fuel injectors operate sequentially, timed to each cylinder's intake cycle
 - Steel injector lines deliver fuel to each intake runner
 - Pressure check valves at the intake manifold eliminate lag time
- Pressure regulator reduces tank pressure to operating pressure – 80 psi
- Liquid propane/engine coolant heat exchanger heats liquid in tank when vapour pressure reaches minimum specified levels



Fuel Range and Storage

- Tank customized to unique requirements of Ford/SEQUIN platform
- Propane capacity – Various depending on side or rear mount 97 -171 litres
- Range – 600 kilometers or more – equivalent to gasoline range which is also available
- Efficient use of payload capacity – tank mounted on frame or underneath
- Custom designed remote fill assembly to side of vehicle depending on body configuration
- Three fuel lines to engine compartment – liquid heat exchanger; return from heat exchanger; and vapour service
- Propane fuel pump mounted in-line to feed heat exchanger

Pricing and Installation

For Canada-wide system kit distribution, pricing and installation information contact:

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