

PRODUCT ✕ Dedicated Natural Gas Ford E-450



*The Ford 6.8L E-450
gained CARB & EPA
approvals with support &
funding from South Coast
AQMD & NYSERDA.*

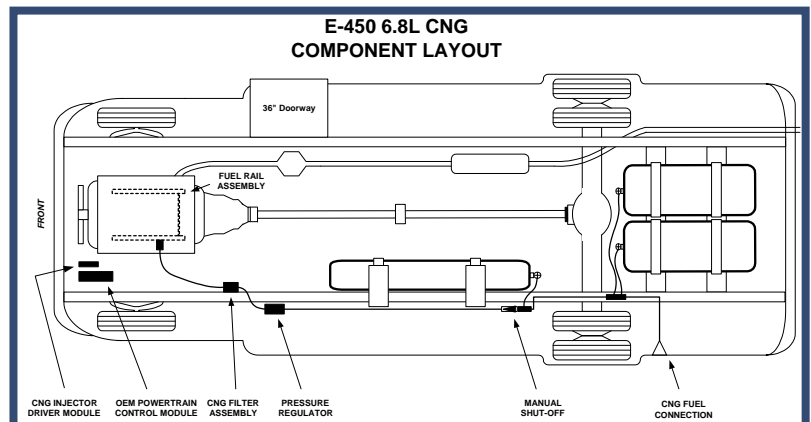
Dedicated CNG E-450

BAF Technologies, continuing to expand our Ford product line, is introducing the first heavy-duty application of our proprietary CalComp sequential fuel injection (SFI) system, the CNG E-450 6.8L V-10; certified both CARB and EPA.



System Overview

- ✕ Operates on dedicated Compressed Natural Gas.
- ✕ Controls the CNG system using the original PCM.
- ✕ System faults illuminate the "Check Engine" light.
- ✕ Diagnose using OEM scanner or generic scan tool.
- ✕ Order from your dealer with a CNG system option.



Contact:
Bill Calvert, VP Sales
bcalvert@baftechnologies.com

John Sledge, General Sales Manager
jsledge@baftechnologies.com

www.BAFtechnologies.com



Specifications

General:

- ✕ E-450, 6.8L V-10 Engine
- ✕ Limited Warranty: 3-year or 36,000 miles
- ✕ CARB & EPA certified
- ✕ Sequential Fuel Injection (SFI)
- ✕ Standard fuel capacity = 32 GGE
- ✕ 3600-psi NGV II & FMVSS 304 certified tank package
- ✕ Meets all Federal and State Laws and Safety Requirements

ECU Inputs:

- ✕ RPM
- ✕ Camshaft
- ✕ Manifold Absolute Pressure (MAP)
- ✕ Fuel Rail Pressure (FRP)
- ✕ Intake Air Temperature (IAT)
- ✕ Oxygen Sensor – Bank 1 & Bank 2
- ✕ Throttle Position Sensor (TPS)

ECU Outputs:

- ✕ 10 Injector Drivers with Sequential Control
- ✕ OEM Fuel Gauge
- ✕ Malfunction Indicator Light (MIL)
- ✕ Fuel Rail Lock-off
- ✕ CNG Fuel Tank Solenoid Valves

System Pressure & CNG Injectors:

- ✕ 3600 psi Storage Pressure
- ✕ Regulator Pressure = 130 psi
- ✕ Bosch CNG Injectors
- ✕ Flow Rate = 2.3 g/sec @ 130 psi

Control Strategies:

- ✕ Closed-Loop Fuel Control
- ✕ Catalyst Protection Strategy
- ✕ Ignition Timing Optimized for Natural Gas
- ✕ Sequential Injection Timing Control
- ✕ Transient Fueling Control
- ✕ Deceleration Fuel Cutoff
- ✕ OBD Diagnostics

Contact:

2415 Beatrice Street
Dallas, Texas 75208
214.231.1450