



BAF Capabilities Overview

Small Volume Manufacturer



BAF Technologies is the leading national provider of
natural gas vehicle conversions in the United States.

BAF provides:

CNG Fuel Systems

Vehicle Conversions

Product Development

Service & Warranty

Training & Support

Application Engineering



Vehicles and Engines

✧ Ford

- 2006-2009 CNG Crown Victoria, Mercury Grand Marquis, Lincoln Town Car – CARB and EPA
- 2008-2009 CNG F150/250/350, 5.4L pick-up – CARB and EPA
- 2007-2009 CNG E350, 5.4L van – CARB and EPA
- 2007-2009 CNG E450, 6.8L shuttle – CARB and EPA

✧ GM

- 2008-2009 CNG C4500 / C5500, 8.1L shuttle – CARB and EPA





Dedicated CNG

Town Car, Crown Victoria, Grand Marquis

✧ MY 2006-09

- Ford Town Car, Crown Victoria, Grand Marquis
- 4.6L
- *BAF CalComp System*
- Fuel Capacity up to 15.9 GGE
- CARB/EPA Certified SULEV
- HOV eligible in many states





Dedicated CNG

Ford F150/250/350 Pickup

※ MY 2008-09

- Ford F150/250/350
- 5.4L V8
- *BAF CalComp System*
- **10** GGE w/ One Tank
- **15-30** GGE w/ Optional Additional Tank(s)
- CARB/EPA Certified SULEV
- HOV eligible in many states





Dedicated CNG

Ford E350 Van

※ MY 2007-09

- Ford E350 5.4L Van
- Standard 12-15 Passenger or Cargo Van
- *BAF CalComp System*
- 20 GGE Fuel Capacity Standard
- CARB/EPA Certified SULEV
- HOV eligible in many states





Dedicated CNG

Ford E450

✧ MY 2008-09

- Ford E450
- 6.8L V10 Engine
- *BAF CalComp System*
- Clean Fuel Fleet ULEV EPA/
CARB Certified
- Standard fuel capacity 26-29
GGE
- CARB/EPA Certified ULEV
- HOV eligible in many states





Dedicated CNG *GM 8.1L Shuttle*

✧ MY 2008-09

- GM 8.1L
- Vortec 8100
- Baytech Systems Technology
- Standard fuel capacity 47 GGE
- CARB/EPA Certified ULEV
- HOV eligible in many states





BAF CalComp System™



- ✘ Proprietary CNG fuel system
- ✘ CARB, EPA OBD-II
- ✘ SULEV for light-duty vehicles
- ✘ Fully integrated to OEM powertrain control system
- ✘ Closed-loop fuel control
- ✘ Sequential fuel injection (SFI)
- ✘ Optimized ignition timing
- ✘ Maintains OEM fault codes (DTCs)
- ✘ Diagnostics accessed through DLC using original scan tool or any generic OBD-II scanner



Service, Warranty, Training

✧ Warranty

- 3 years or 50,000 miles on major components
- 8 years or 80,000 miles on CNG Emission-Related Components
- OEM Warranty is NOT VOIDED after CNG upfit

✧ Vehicle Service

- In-house warranty service program
- Dealer service provider
- Local retail service center

✧ Technical and Operator Training

- On-site or BAF facility
- Classroom and hands-on



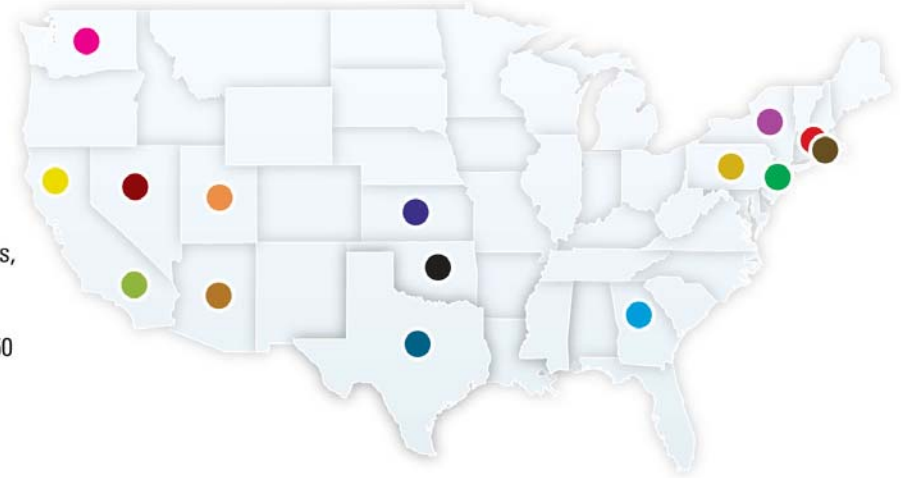
Nationwide Capacity for Sales and Upfits





Nationwide Capacity for Service

- Arizona:**
 - 1/ Mel Clayton Ford; Ford Crown Victoria
 - 2/ State Ambulance; Ford E350
- Atlanta:** Baker Equipment; Ford Crown Victoria
- Boston:** B&L Automotive; All products including GFI
- California, Northern:**
 - 1/ San Francisco Ford; Ford Crown Victoria, F-Series, E350 and E450
 - 2/ Bay Area Bus Repair; Ford E450, E350
 - 3/ Serra Monte Ford; Ford Crown Victoria, E350, E450
- California, Southern:**
 - 1/ Terry Holden; All products
 - 2/ A1; All products
 - 3/ AFV; All products
 - 4/ Sunline Transit; Ford E450
 - 5/ Creative Bus Sales; Ford E450
 - 6/ Wondries Ford; Ford Crown Victoria, E350, F-Series
 - 7/ San Diego Bus Repair; Ford Crown Victoria, E350, E450
 - 8/ Villa Ford; Ford Crown Victoria, E450
 - 9/ Crenshaw Ford; Ford Crown Victoria
 - 10/ Pearson Ford; Ford Crown Victoria
 - 11/ Santa Margarita Ford; Ford Crown Victoria, E350, E450
- Kansas City:** Kansas City Water; Ford E350, F-Series
- New York:**
 - 1/ Reaction Auto; Taxicab, Ford Crown Victoria
 - 2/ Walt Haven; All products including GFI
- New Jersey:**
 - 1/ Westwood Lincoln/Mercury; Ford Crown Victoria
 - 2/ Empire Coach; Ford E350



- Oklahoma:** Jim Norton Ford; All products
- Philadelphia:** Baker Equipment; All products
- Reno:** MV Transportation; Ford E450
- Rhode Island:**
 - 1/ Flood Ford; Ford Crown Victoria, E350
 - 2/ Country Ford; All products
- Salt Lake City:** Go Natural; All products
- Seattle:**
 - 1/ Sound Ford; Ford E350
 - 2/ CNG World; All products
- Texas:** Westway Ford; All products



Turnkey Purchasing Process

Vehicle is ordered through local dealership
with CNG Option

Dealership Arranges CNG Upfit with BAF



BAF Future Solutions

R & D Overview

- ✘ EPA & CARB Certification/Verification on Additional Vehicles
- ✘ Hythane (80% CNG/20% Hydrogen) Fuel use on Ford E450 Shuttle Vans at SFO
- ✘ Dual Fuel/Smart Muffler Technology to reduce Diesel Emissions
- ✘ Electric Launch Assist



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Thank You

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