Navigating Fueling Options and Installation

MACOG/SSCC Green Fleet Program
Propane Autogas Lunch and Learn
Nappanee, Indiana
October 21, 2019

Lynn Stafford
Eco Vehicle Systems
The Promise of Propane

THE STUFF WORKS

IT’S EASY

SAVES MONEY
Streamline fleets vehicle customization through one central location.

Complete Alternative Fuel and Technology Systems

Chassis Stretch

Custom Up-fitting to Fleet Specifications

Vehicle Accessories
Eco Vehicle Solutions

• 300,000 sf Facility
• 6 Production Lines
• 55,000 sf Manufacturing, Inventory and Staging Facility
Your Propane Distributor Rocks
Your Propane Distributor Rocks

Seriously
Your Propane Distributor Rocks

Seriously

Here’s Why
Coordinate the equipment install
Employee Training
Fueling
Conversion Partner
Schedule regular fuel deliveries based on your usage
Prepping LPG Fueling Infrastructure

Pre-Installation

Site Visit

Permitting requirements

Traffic Flow

Equipment placement for on-site fueling

Local Fueling options if available
Admin Logistics
Fuel management
Credit Card
Identify the best equipment
Equipment Ownership
Most propane providers can roll the price of the propane station into the fueling price, thus making it easier for the customer to pay for the station.

If the customer wants to pay for the station upfront, they can do that as well.
This will give you all the public autogas stations to map out where you are traveling.
LPG INSTALLATIONS
Eco Pro Line & STAG

• International Alternative Fuel Systems Manufacturer

• STAG Systems installed in over 3M vehicles in 50 countries worldwide
Proprietary Read Only System

Does NOT connect to Data Bus

Does NOT rewrite OEM software

Quick and Easy Diagnostics Procedure

No Re-flash Required

Saves Time and Money
**EVS QPRO CERTIFIED INSTALLER**

ECO Vehicle Systems is QPRO Authorized to provide alternative fuel system integration for FCA vehicles. QPRO Authorization ensures your OEM warranty will not be voided.

**RAM TRUCKS**

Optimizing your award winning RAM to use alternative fuel gives you options that allow you to help improve our environment as well as choose less expensive fuel choices.

Eco Vehicle Systems offers Bi-Fuel CNG and LPG solutions for RAM vehicles.

**PRODUCTION HIGHLIGHTS**

- Follow OEM installation guidelines for clipping, securing and minimizing clearances for harness and fuel line
- Work performed and validated in a ISO 9001:2008 certified manufacturing facility (Union City, IN facility)
- Dyno tested following system installation to ensure proper performance
  - 3 Year/36,000 Mile Warranty
  - Ship to & Ship Thru Options Available

**PRODUCT SPECIFICATIONS**

**Engine Platforms 3.6L**

- RAM 1500, Dodge Caravan and Dodge Durango, more models being added soon
- High pressure coalescing filter and ¼ turn shut off valve included
- Bi-Fuel CNG and LPG (EPA Certification)

**THE ALL-NEW 2019 RAM 1500 IS THE 2019 MOTORTREND TRUCK OF THE YEAR®**

**LAW ENFORCEMENT**

Law enforcement agencies across the nation are taking control of their fleet fuel expenses by adopting alternative fuel solutions. In an effort to save departments money and to help promote green and sustainable communities, Eco Vehicle Systems, the nations most experienced conversion experts offer LE0First responder rated vehicles for FCA vehicle models described herein.

EVS’ bi-fuel, alternative fuel systems have been designed and purpose built for law enforcement vehicles. These advanced, next generation systems have been rigorously tested by sheriff and police departments throughout the U.S. to ensure unparalleled safety and performance under extreme use conditions. They are EPA certified, NFPA 52/58 Compliant and DOT approved. This system also offers Eco’s Pursuit Optimization Protocol (POP) which is a zero power loss program that kicks in during periods of high performance demand ensuring optimal vehicle performance.

EVS has been a leader in alternative fuel system design and conversion since 2006. As the winner of the prestigious GM Alt Fuels Van Program in 2010, we continue to offer excellent product design, conversion, warranty & tech support and customer service today. In addition, we have also invested in our own low pressure system design and have been manufacturer of record for all of our certified kits, since 2018.

**WHY DRIVING GREEN MATTERS**

All energy choices have consequences. Making a conscious effort to choose a transportation fuel that is easier on Mother Nature is an important step in the right direction. Choosing to drive on alternative fuels reduces your impact on the environment. If we each take personal responsibility to take steps to improve our environmental impact on mother earth, we can collectively improve the air we breathe. As one can see in the accompanying chart, the car or truck one drives is a huge part of the emissions generation equation. Our choices make a difference. Your choice matters.

Transportation Emissions in the United States (2017)

- Light-Duty Vehicles: 69%
- Medium-Duty Trucks: 23%
- Airports: 5%
- Other: 4%
- Rail: 2%
- Ships and Boats: 2%

Source: www.epa.gov

www.DriveGreenFCA.com
Certified Eco Pro
Alt-Fuel Systems

- **EPA Certified**
- **DOT Approved**
- **NFPA 52-58 Compliant**

Comprehensive Custom Upfits and Accessory Services

OEM Ship Thru and Drop Ship

Transportation and Logistics Services
Eco Pro Line Warranty

Matches new vehicle Warranty and is Coterminous

Extended Warranty available

Keeping vehicles in Service
Eco Pro/OEM dispute resolution
ECO VEHICLE SYSTEMS
ECO ENGINEERING & MANUFACTURING
Our vision is to eliminate the many purchase orders, and points of contact for the fleet director by providing a comprehensive vehicle model.

One facility to complete the fleet vehicle, one team of people to assist the fleet director’s team in working through the entire process, complete to shipping the fleet vehicle to its intended location. All under one purchase order.

Robert Lykins
President