

# 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





A wide-angle photograph of a large industrial manufacturing facility. The space is filled with several white commercial trucks, likely dump trucks, arranged in a line on a production floor. The trucks are positioned between yellow safety railings and blue overhead lifting equipment. The facility has a high ceiling with a complex network of steel beams and numerous bright industrial lights. In the background, there are more trucks and industrial shelving units. The floor is a polished, light-colored concrete.

## 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







# PRO-Vend 2000



## PROPANE VEHICLE FUEL

 Superior Energy Systems  
440-236-4009  
**AUTOGAS DISPENSER FUELING PROCEDURE**  
WANT TO MAKE SURE THAT THE FUELING IS DONE  
RIGHT? THAT NO ONE IS INJURED? ALL OPERATOR  
SHOULD BE AWARE OF THE FOLLOWING:



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.

# Alternative Fuels Data Center

Search the AFDC

SEARCH

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## Propane Fueling Station Locations

Find liquefied petroleum gas (propane) fueling stations in the United States and Canada. For Canadian stations in French, see [Natural Resources Canada](#).

 Public Stations


 Advanced Filters

1,400 results in

U.S. and Canada 


Enter location

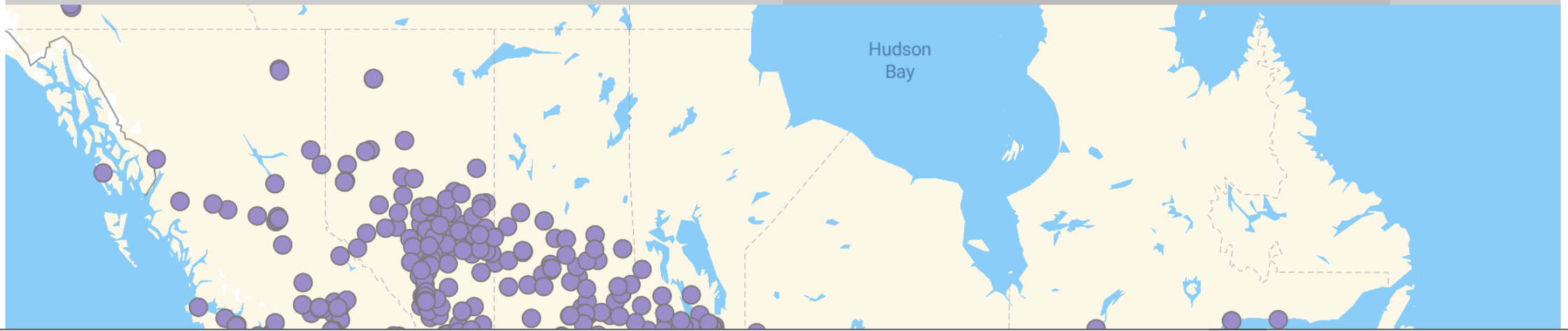


Propane (LPG) 

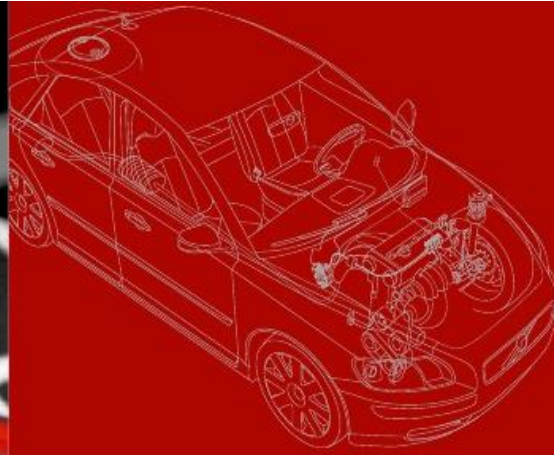
☐ Include stations with limited vehicle fueling

These stations have fuel available for use in vehicles but limited vehicle fueling services.

 Map a  
Route



# LPG INSTALLATIONS



## Eco Pro Line & STAG

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- International Alternative Fuel Systems Manufacturer
  - STAG Systems installed in over 3M vehicles in 50 countries worldwide
-



**Proprietary  
Read Only System**

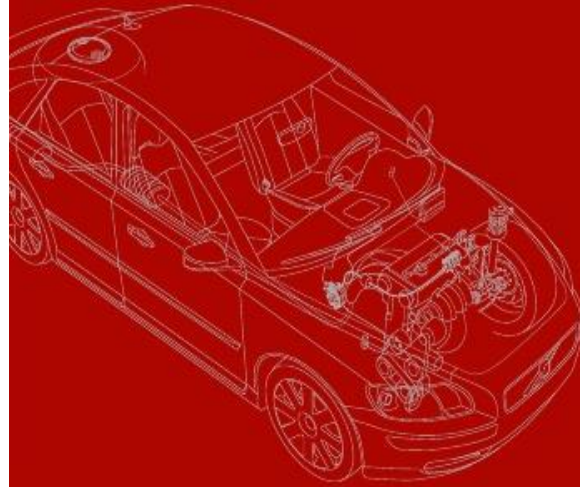
***Does NOT* connect to  
Data Bus**

***Does NOT* rewrite OEM  
software**

**Quick and Easy  
Diagnostics Procedure**

**No Re-flash Required**

**Saves Time and Money**



*Eco Pro Line  
Diagnostic  
Maintenance*





## 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



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

### 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)

[www.DriveGreenFCA.com](http://www.DriveGreenFCA.com)



## 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 LEO/first 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!

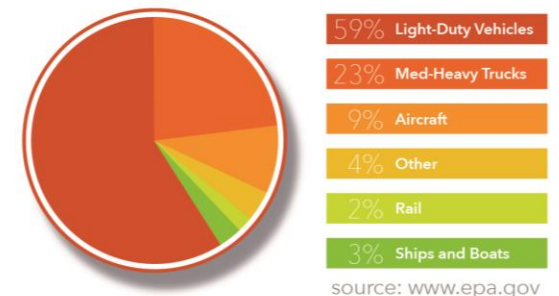


EVS has been a leader in alternative fuel system design and conversion since 2006. As the winner of the prestigious GM Alt Fuels Van Program in 2010, we continue to offer excellent product design, conversion, warranty & tech support and customer service today. In addition, we have also invested in our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



[www.DriveGreenFCA.com](http://www.DriveGreenFCA.com)





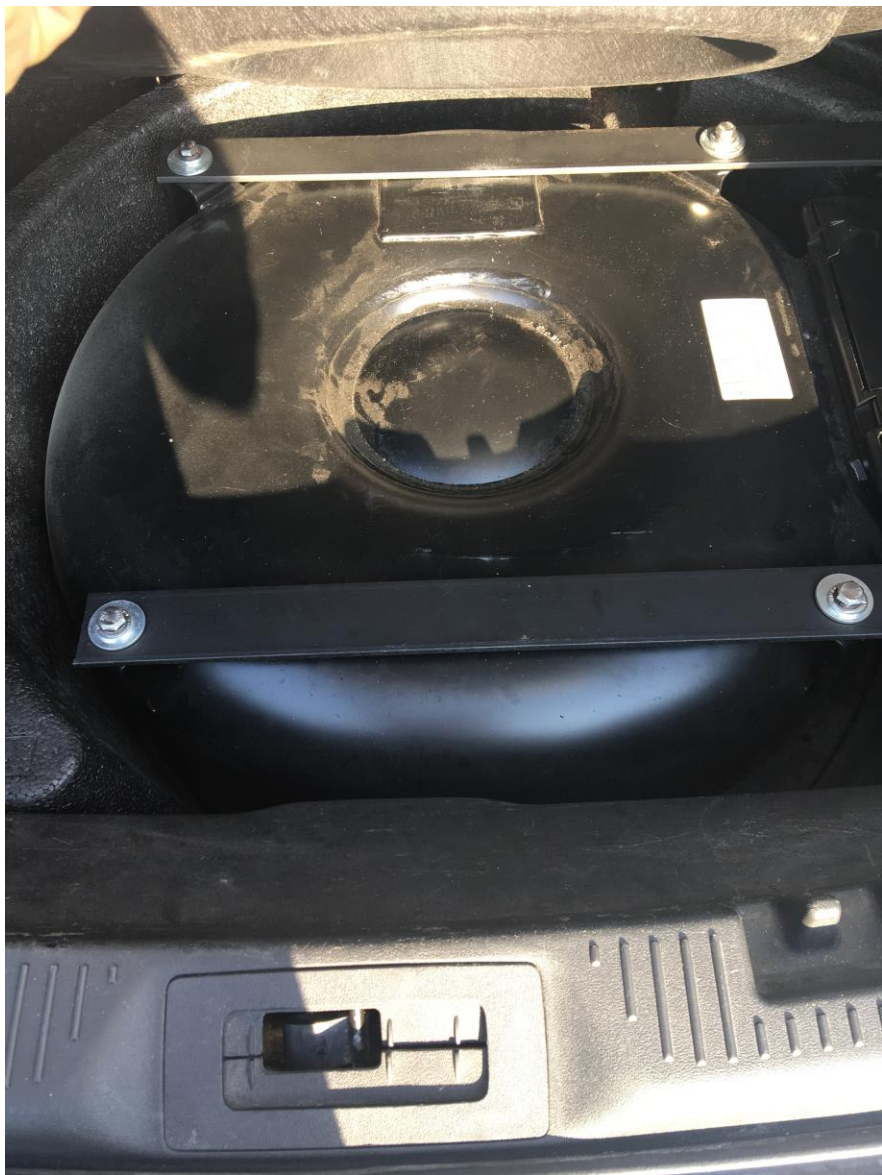














## Certified Eco Pro Alt-Fuel Systems

- *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



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# ECO VEHICLE SYSTEMS

ECO ENGINEERING & MANUFACTURING



## Eco Vehicle Systems Union City, Indiana

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 it's intended location. All under one purchase order.



Robert Lykins  
President

