



## TECHNOCARB EQUIPMENT (2004) LTD.

David Shea  
1-30455 Progressive Way  
Abbotsford, BC V2T-6W3  
Phone: (604) 854-6264  
Web: [www.technocarb.com](http://www.technocarb.com)

Technocarb Sales at [sales@technocarb.com](mailto:sales@technocarb.com) for information on a specific application.

Technocarb Equipment (2004) Ltd. is a manufacturer of Propane and Natural Gas Conversion Kits for trucks, automobiles and industrial equipment. Our customers include new vehicle manufacturers, major utilities, fleets, and a wide network of installation centers. In addition, Technocarb is also a distributor of alternative fuel parts and components.

Technocarb designs and manufactures vehicle-specific conversion systems and engineers each system to provide the best performance and emissions while simplifying installation.

Their "plug and play" approach results in consistent vehicle performance, necessary to meet today's stringent emission regulations. These systems also are tamper-proof, ensuring excellent performance and emissions in the "real world".



## ROUSH F-150

Customer Service  
36630 Commerce Road  
Livonia, MI 48150  
Phone: 800.59.ROUSH  
Web: [www.roushperformance.com](http://www.roushperformance.com)  
[www.propanetruck.us](http://www.propanetruck.us)



Roush has engineered a fuel system that makes the F-150 5.4 liter V8 engine run on Propane. Sales and service for the F-150 are available all over the U.S.

The F-150 running on propane complies with all Environmental Protection Agency (EPA) emissions regulations, National Highway Traffic Safety Association (NHTSA) and National Fire Protection Association (NFPA) safety regulations.

Propane system development includes performance, economy, environmental and service diagnostics. Roush has tested and proved engine durability in the F-150.



**IMPCO Technologies**

3030 South Susan Street  
Santa Ana, CA 92704  
Phone: (714) 656-1273

Email: [autoinquires@impcotechnologies.com](mailto:autoinquires@impcotechnologies.com)  
Web: [www.impcotech.com/about\\_impcotech.htm](http://www.impcotech.com/about_impcotech.htm)

**IMPCO** is an advanced alternative fuels company with systems technology and components for internal combustion engines. IMPCO products enable these engines to operate on environmentally friendly gaseous fuels such as propane, natural gas and biogas. IMPCO Technologies Inc. offers gaseous fuel carburetion components for internal combustion engines from 1/2 to 5000 horsepower. The Engine Component market serves a substantial, world wide, conversion market as well as retrofit and repair for cars, trucks and industrial equipment.

EPA certified retrofit systems available:  
GM 6.0L MY 07, Ford F150 MY03 and 05 (ex-GFI), GM 8.1L, GM 6.0L MY 08



**BRC S.r.l**

Cherasco, Italy

Web: [www.brc.it/Default.aspx?&lang=en](http://www.brc.it/Default.aspx?&lang=en)

**BRC S.r.l** is a major global supplier of alternative gaseous fuel products and systems used in automobiles. They produce a complete range of systems for converting vehicles from petrol to LPG and CNG to meet any market requirement, from the simple systems for carburetor vehicles to the highly sophisticated systems for Euro IV vehicles equipped with OBD diagnostics.

**EBUS, INC.**

9250 Washburn Road  
Downey, CA 90242  
Phone: (562) 904-3474  
Email: [mail@ebus.com](mailto:mail@ebus.com)  
Web: [www.ebus.com](http://www.ebus.com)



**Ebus, Inc.** is an electric and hybrid-electric bus company.

In October of 1998, Ebus, Inc. began operations with the intent of creating a leading manufacturer of electric and hybrid buses by offering customers a one-stop source for the operation, manufacture, and maintenance of small to mid-sized electric and hybrid buses.

Ebus offers **two styles of propane/electric vehicles**; the Transit Bus and the Vintage Trolley.

Both vehicles are built on the "Altoona Tested" 22' chassis and feature the highest quality components from companies like Dana, Bosch, Bendix, Reliance, Magnatek and TRW.



## **CUMMINS WESTPORT B-LPG PLUS HEAVY DUTY ENGINE**

### **5.9 LITER, 195 HP, 420 lb.-ft. Peak Torque**

Western USA, Dwight Hanson: (213) 324-6498  
Central USA, Dave Lynch: (812) 377-3902  
Eastern USA, Bill Boyce: (330) 534-8352  
Canada, Jeff Campbell: (604) 718-2099

Contact Bus Manufacturers for Local Sales  
Representatives:

- El Dorado National—Chino, CA  
(909) 591-9557
- Trolley Enterprises Inc.—Deerfield  
Beach, FL  
Joe Perez Jr.: (800) 303-1493
- Freightliner Custom Chassis Corp  
Gaffney, SC  
Bryan Henke: (864) 487-1700
- Champion Bus Inc.—Imlay City, MI  
(800) 776-4943
- Supreme Coach Inc.—Goshen, IN  
Mark Barczak: (877) 258-1319

**Performance Rating:** 195 hp @ 2600 rpm  
**Torque:** 420 ft.lb @ 1600 rpm  
**Governed Speed:** 2800 rpm  
**Size:** 6 cylinder, 5.9 Litre (359 cu. in.)  
**Compression Ratio:** 9.1:1  
**Altitude Capability:** 8500 feet (2600 m)  
**Certified (w/ catalyst):** US EPA 2004

Base engine warranty—2 years, unlimited  
miles (bus and coach); 2 years, 100,000  
miles (truck).  
Emissions warranty—5 years or 100,000 miles,  
whichever comes first

Cummins "Plus Technology" improves  
performance, reliability and uptime.



116 Halmar Cove  
Georgetown, TX 78628  
Phone: (512) 942-8300  
Web: [www.cleanfuelusa.com](http://www.cleanfuelusa.com)

**Contacts:**

Wayne Moore  
Vice President/General Manager  
(512) 942-8300 ext. 8326  
[wayne@cleanfuelusa.com](mailto:wayne@cleanfuelusa.com)

Robin Parsons  
Vice President Engine Technologies  
(512) 942-8300 ext. 8322  
[robin@cleanfuelusa.com](mailto:robin@cleanfuelusa.com)



CleanFUEL USA manufactures and distributes the LPI™ (Liquid Propane Injection) system, an OEM and aftermarket propane fuel system, with EPA and CARB certification for the GM 8.1 liter Vortec, Family 2 and Family 3 heavy duty engine. The LPI system was selected by Blue Bird Bus Corporation for its new 2008 Blue Bird Propane Vision school bus. The LPI System is manufactured by ICOM S.p.A. of Italy and developed for the North American market by CleanFUEL USA. The EPA/CARB certification was done at the GM Proving Ground in Millbrook, England, GM's center for Propane Engine development.

The LPI system was also chosen by Roush for the new Roush F150 5.4L propane powered pickup. LPI systems provide an inherent performance, durability and fuel economy advantage to the fleet operator.

CleanFUEL USA is recognized as a leading manufacturer of alternative fuel dispensing equipment for both propane and E85, building its line of CFT dispenser products at its Georgetown, Texas facility. In addition CFUSA provides fleet management network services, associated technical support, training and fuel contract services for fleet managers and station operators.



CAMPBELL-PARNELL

Thomas Campbell, CEO  
1720 E Deer Valley Road, Ste. 101  
Phoenix, AZ 85024  
Phone: (623) 581-8335  
Email: [info@parnellusa.com](mailto:info@parnellusa.com)  
Web: [www.parnellusa.com](http://www.parnellusa.com)

Campbell - Parnell, Inc. specializes in the distribution and installation of EPA-certified LPG conversion systems to government agencies in the United States. The company provides products and services that allow the government sector to achieve 100% compliance with EPACT regulations.

Campbell - Parnell, Inc. is committed to playing an important role in the alternative fuel industry with a pledge to design, manufacture, distribute, train, educate and promote this field. They will continue to create and encourage the growth of environmentally clean and safe products, at a competitive price, for the continual growth of the company and the alternative fuel industry.

Campbell-Parnell offers conversions for various makes and models, including Ford, GM, Isuzu and Dodge.



BLUE BIRD

**Blue Bird Corporation**

402 Blue Bird Blvd  
P.O. Box 937  
Fort Valley, GA 31030  
Phone: (478) 822-2047  
Web: [www.blue-bird.com](http://www.blue-bird.com)

Blue Bird Corporation offers a complete line of Type A, C and D school and activity buses in a variety of options and configurations. For over 80 years, Blue Bird Corporation has continued to set industry standards with its innovative design and manufacturing capabilities.

The Blue Bird Propane-Powered Vision® school bus is a conventional Type C school bus which runs on propane instead of diesel fuel. Unlike "retrofit" alternative fuel systems of the past, the Propane-Powered Vision is a fully integrated and purposely built Original Equipment Manufacturer (OEM) bus, engineered to the same exacting standards as other Blue Bird buses. Designed and built for maximum quality and reliability, the Propane-Powered Vision® meets all applicable School Bus Federal Motor Vehicle Safety Standards (FMVSS) and Canadian Motor Vehicle Safety Standards (CMVSS).



# BAYTECH CORPORATION

P.O. Box 1148  
Los Altos, CA 94023  
Phone: (650) 949-1976  
Email: [sales@baytechcorp.com](mailto:sales@baytechcorp.com)  
Web: [www.baytechcorp.com](http://www.baytechcorp.com)



Baytech Corporation engineers, manufactures, and markets EPA and CARB-certified propane and CNG fueling systems for select General Motors, Isuzu, and Workhorse Custom Chassis vehicles and engines. Available products include light, medium, and heavy duty trucks, vans and SUVs, and heavy duty engines for specialty vehicles.

Baytech's gaseous Sequential Multi-Port Fuel Injection systems offer exceptional performance while meeting stringent emissions standards.

Baytech offers propane systems (dedicated propane and bi-fuel propane or gasoline) for the some of the 2007 model year vehicles/engines. Please contact Baytech regarding specific model year/vehicle/engine family certification.



Ext. 12 off I-90  
999 Rte. 9  
Castleton, NY 12033  
Phone: (866) 574-3835  
E-mail: [sales@americanaltfuel.com](mailto:sales@americanaltfuel.com)  
Web: [www.americanaltfuel.com](http://www.americanaltfuel.com)



American Alternative Fuel specializes in alternative fuel systems for commercial and non-commercial vehicles running on gas or diesel fuel. AAF bi-fuel "hybrid" sequential propane injection systems can be installed on cars, pick-up trucks, SUV's, vans, propane and oil trucks, utility vehicles, over-the-road vehicles, emergency vehicles, land-side passenger vehicles, motor homes (recreational vehicles / RV's), and small, medium, and large commercial fleets. Their systems can increase fuel mileage, horse power, torque, towing capabilities, engine life, and decrease harmful emissions.

AFA conversion systems have been installed on thousands of vehicles worldwide. They can install on almost any type of commercial and non-commercial vehicle made.

## PROPANE INDUSTRY ORGANIZATIONS

### Propane Education & Research Council

#### The Propane Education & Research Council Engine Fuel Program



PERC provides funding to support numerous propane vehicle demonstration projects and programs that would identify and publicize the air quality benefits of propane; reduce foreign oil imports; expand awareness of propane as an alternative transportation fuel; and demonstrate the performance of propane-powered vehicles.

Brian Feehan  
Vice President  
1140 Connecticut Ave. NW, Suite 1075  
Washington, DC 20036  
Telephone: (202) 452-8975  
Fax: (202) 452-9054

Web: [www.usepropane.com/climate](http://www.usepropane.com/climate)  
[www.propanecouncil.org](http://www.propanecouncil.org)

### National Propane Gas Association

The National Propane Gas Association is the national trade association of the propane industry, representing approximately 3,700 companies in all 50 states, including small and large producers, wholesalers, transporters, and retailers of propane gas as well as the manufacturers and distributors of associated propane equipment, appliances, and alternatively fueled vehicles.



1150 17th Street, NW, Suite 310  
Washington, DC 20036  
Telephone: (202) 466-7200  
Fax: (202) 466-7205

Web: [www.npga.org](http://www.npga.org)