



The Revolution of Alternative Fuel Vehicle Systems



Property of ICOM North America

Icom's Global Presence

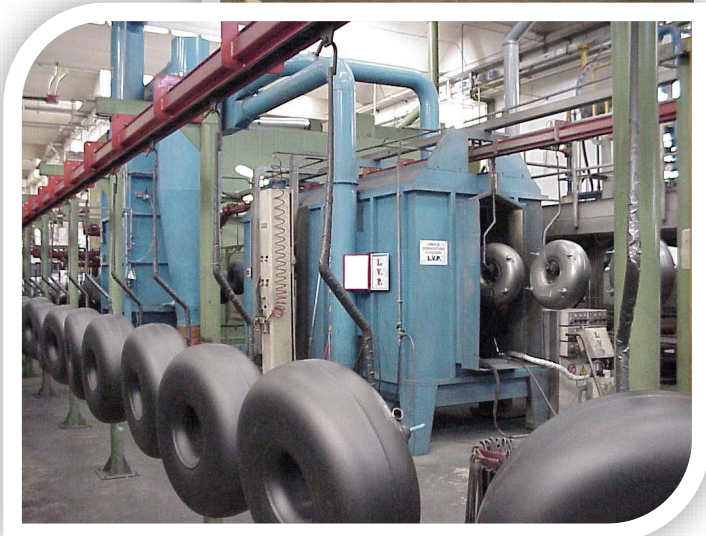


- - Manufacturing Plants
- - Distribution Centers

ICOM Manufacturing Italy



- Founded in 1984
- Invented and patented the toroidal LPG tank
- Holds numerous patents on alternative fuel systems and components
- Sold over 4 million LPG automotive tanks
- Sold over 250,000 JTG liquid propane systems
- ISO 9001 and ISO 14001 Certified
- Holds numerous EN67 certifications
- ASME certified
- Has distribution in 15 countries on 5 continents
- Tier I OEM supplier
- JTGhp Direct Injection System is available for over 100 vehicle platforms for European, Australian & Korean markets



ICOM North America



- Established its North American operations in 2004.
- Headquarters and Assembly Plant in New Hudson, Michigan
- Assembles the Icom JTG II system and JTGhp system including: Toroidal tanks, Cylindrical Tanks, Fuels Rails, Hoses Regulators and ICU at the New Hudson Plant using a substantial percentage of domestic components
- NFPA 58 Compliant, EPA Certified, Canadian IGAC Certified and E67/01 Certified, Crash Tested, ASME Certified Tanks with patented Icom valve protection collar
- Bifuel & Monofuel Systems

ICOM Technology & Training Center



Icom Alternative Fuels Institute

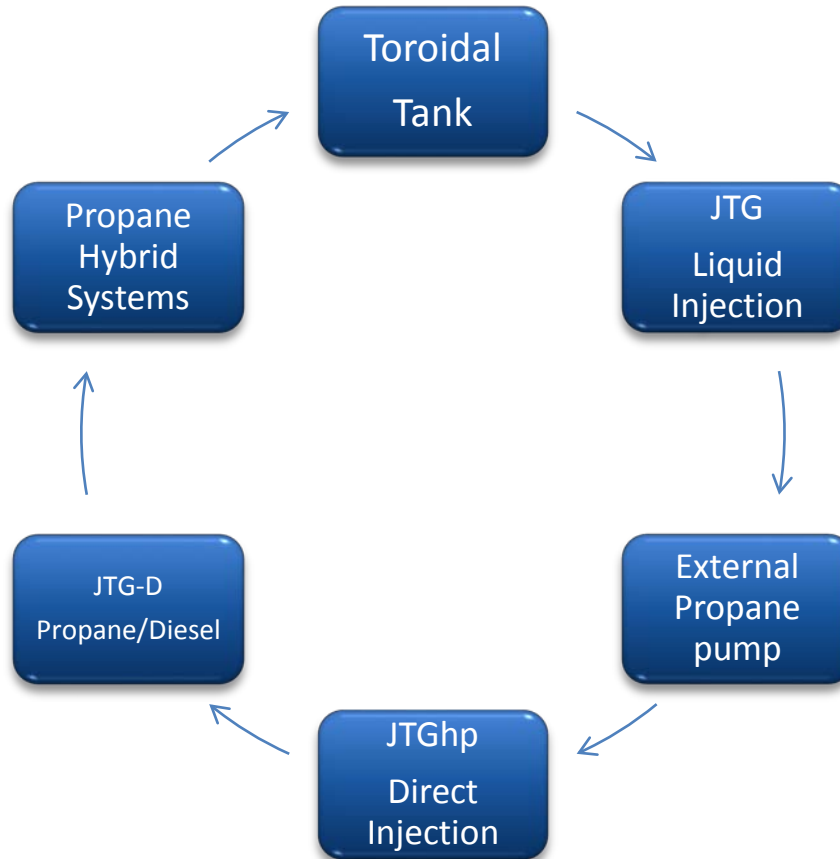


Icom Systems and Technology in North America

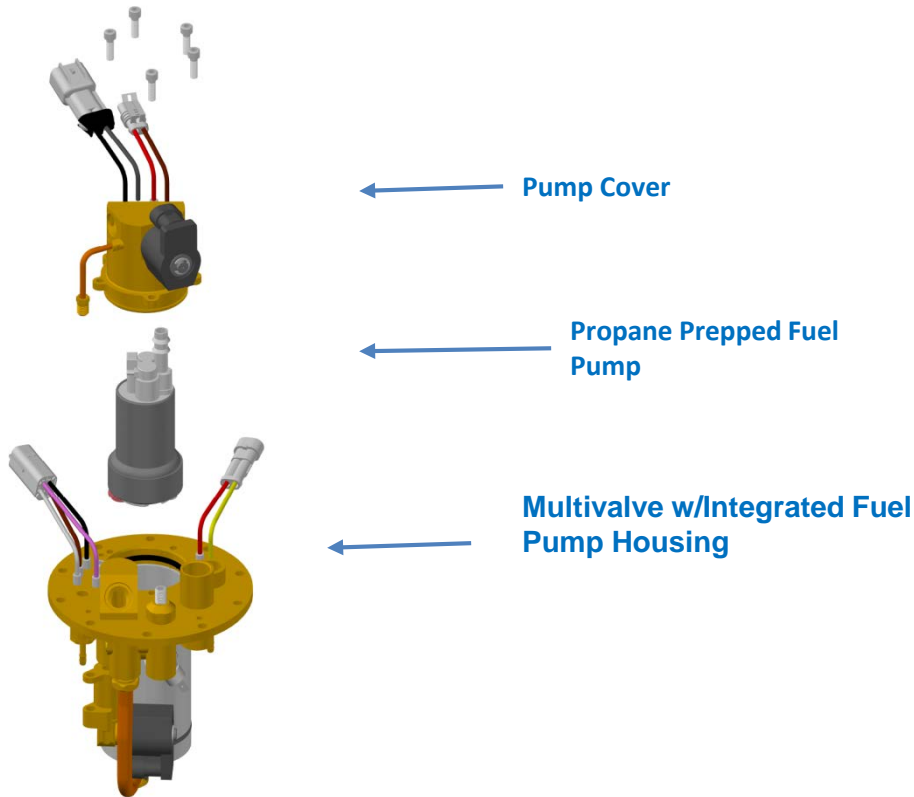
Approximately:

- 12,000 Propane Systems in use in North America utilizing Icom Technology
- Fleets enjoyed a huge fuel cost savings of \$168,000,000 to date
- Estimated emissions reduction of 30% and Particulate reduced to almost 0
- 124,300,000 gallons of Propane Autogas utilized
- 111,870,000 gallons of gasoline and diesel displaced
- 290,000,000 miles driven
- Icom is working hard with our partners and Dealers to get over **100,000 Icom systems**, in the next 5 years

Icom Innovations Driving the Industry



JTG[®] MultiValve



← Pump Cover

← Propane Prepped Fuel Pump

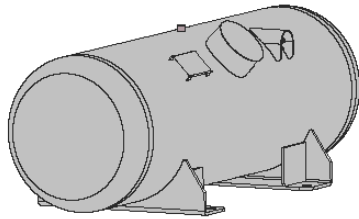
← Multivalve w/Integrated Fuel Pump Housing

The Advanced JTG
Multivalve with Integrated Fuel
Pump

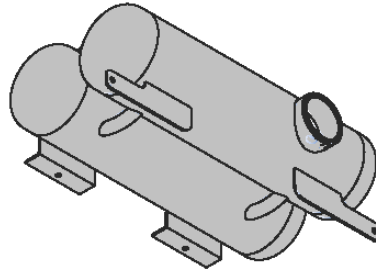
Developed and Patented by Icom
for improved serviceability – no
need to depressurize fuel tank to
access fuel pump
Increased flow rate for fast filling

Propane Tanks

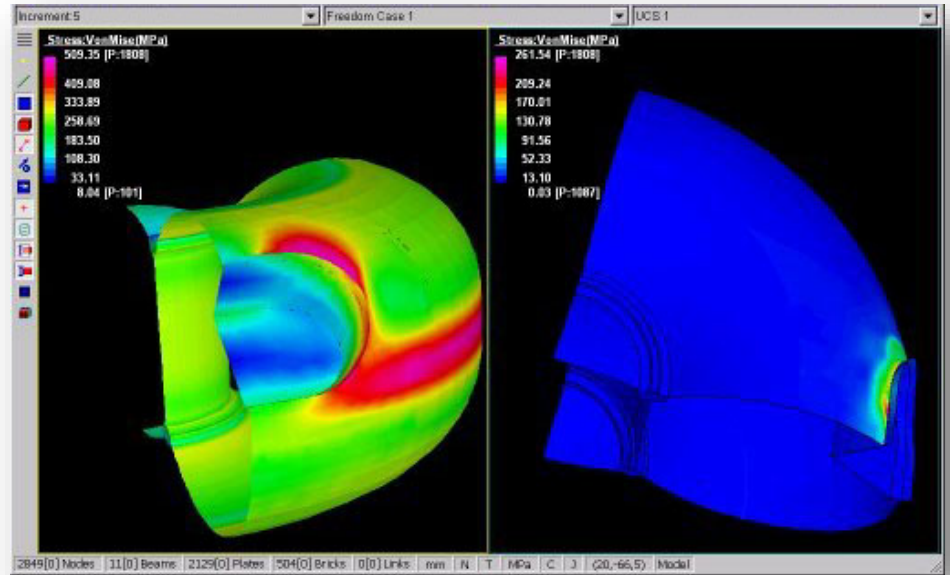
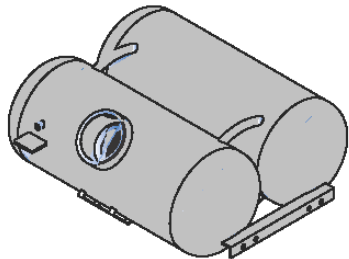
The ICOM JTG[®] system can utilize virtually any propane vehicle tank including cylindrical, manifold and toroidal. All tanks include the ICOM patented recessed valves for the ultimate in protection and safety.



IN-BED TANK SYSTEM



UNDER VEHICLE DOUBLE MANIFOLD TANK SYSTEMS



Icom utilizes the most advanced technology and state-of-the-art tools to design its fuel systems and components.

EPA Certifications

The Icom JTG II system is EPA Certified for over 700 2009-2015 vehicle platforms including many Ford models.

The Total Solution for any Type of Fleet!



E150
E250
E350

Transit Connect



F 150 F450
F250 F550
F350 F650



E450



Crown
Victoria



Ford Expedition



Lincoln
Navigator



F53
F59
(Bakery, Linen,
FedEx type
box trucks)

EPA Certifications

ICOM JTG Liquid Injection Bi-Fuel Propane System is EPA certified for most 2010-2015 GMC and Chevrolet Light trucks and SUV's equipped with the 4.8L, 5.3L, some 6.0L engines.



**Chevy Silverado
GMC Sierra**



**Chevy Tahoe
GMC Yukon
Chevy Suburban
Chevy Avalanche**



**Chevy Express
GMC Savana**

Projected 2015 New Certification Program



Ford Transit



**GM 6.0L, 4.3L
(Van, Pickup & HD)**



Ford F150 5.0L



**Ford Explorer, Taurus, Transit,
Lincoln MKZ 3.7L**

Icom Customer **AA**Austin Express

- 150 vehicles
- \$6,000.00 per day saving
- 1.2 Million dollars savings per year for fuel
- 600,000 gallons of foreign oil displaced per year
- Projected 200 vehicles by 2014 with 2 million dollars savings per year
- Continue to add new Icom Systems



Direct Injection: THE FUTURE IS HERE

Direct Injection Gasoline engines have particulate matter

- ✓ Direct Injection gasoline vehicles started becoming prevalent on light duty vehicles since 2012 in the USA and most all light duty vehicles will be Direct Injection in the coming years. Direct Injection means the combustion is injected directly into the combustion chamber instead of the manifold as done for decades. This allows for smaller engines with more power and torque, improved fuel efficiencies and improved emissions.

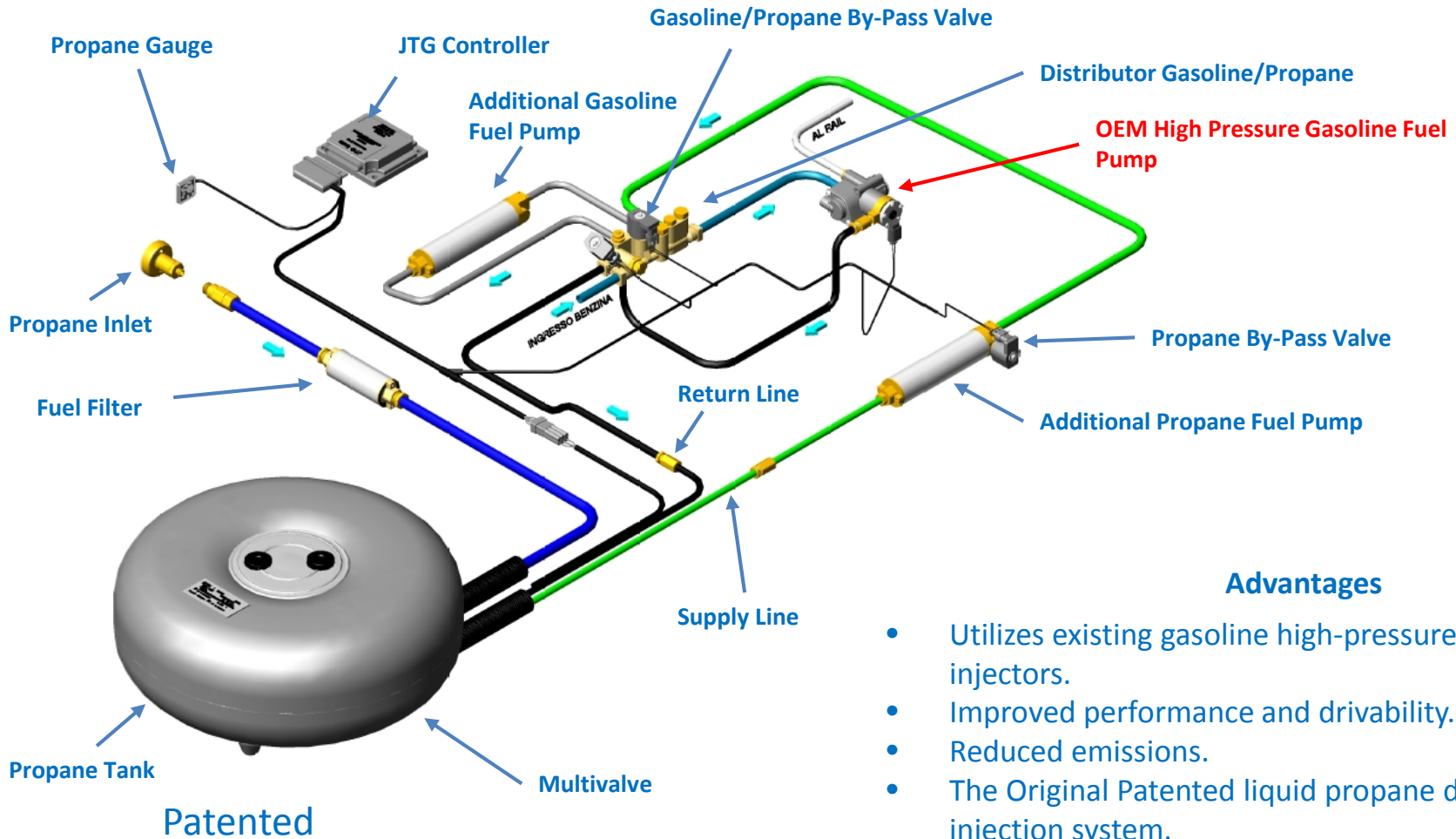
Direct Injection Propane has almost ZERO particulate matter.

- ✓ The patented Icom JTGhp Liquid Injection Direct Injection System has been EPA Certified for the 2014 Chevrolet 5.3L Pickups and Tahoe and has been awarded a Propane Education & Research Council Grant to integrate and certify the Ford Ecoboost Family of Direct Injection vehicles.

Breath easy with Propane Autogas!!!

icom JTG^{HP}

Liquid Propane Direct Injection System



Advantages

- Utilizes existing gasoline high-pressure pump and injectors.
- Improved performance and drivability.
- Reduced emissions.
- The Original Patented liquid propane direct injection system.
- Globally available on over 100 platforms.

Direct Injection North American Applications

Coming 2015



Chevrolet Impala, Caprice 3.6L Ecotec



Ford F150 3.5L EcoBoost

*2014 First GM 5.3L EPA
Certified Direct Injection
Propane System*



Chevrolet Silverado, Tahoe 5.3L Ecotec3



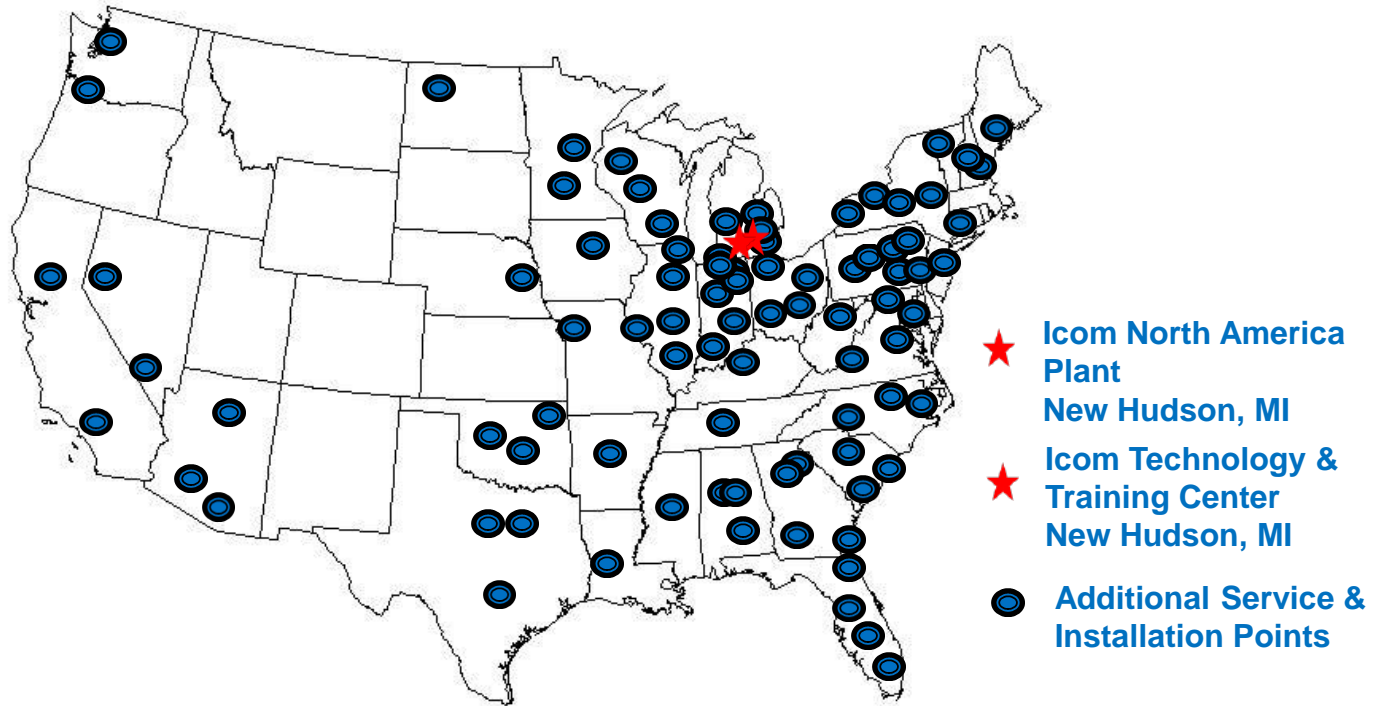
**Ford Taurus, Explorer, Transit and MKT
3.5L EcoBoost**

JTG *HP*



Property of ICOM North America

Icom Installation & Service Points - USA





Icom JTG systems are distributed, installed and serviced across Canada.

UPS Canada utilizes Icom Monofuel Systems through-out Canada.

- ✓ **Applicable Icom JTG II components are Canadian IGAC Certified to -40 Degrees & for Safety and Durability**
- ✓ **Icom Tanks are Canadian CRN Registered**

Thank You for your interest!

With the proper use of alternative fuels, we can enjoy increased energy security, increased employment in an emerging sector, and decreased emissions.



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