



WORLD CNG

CNG Conversion Services

WorldCNG is pleased to offer the Ford E350 Van converted to natural gas operation using BAF Technologies EPA certified natural gas conversion system, equipped with 31.1 GGE of CNG fuel. The base configuration uses a Type-4 and a Type-3 composite cylinder, which have a combined weight of 228.5 lbs. The two cylinders are aft mounted and hold 24.5 GGE and 6.6 GGE of CNG fuel each, respectively.



This configuration is expandable up to 41.0 GGE utilizing a second 6.6 GGE Type-3 tank and an additional 3.3 GGE Type-3 tank mounted as shown. The total weight of the 41.0 GGE configuration is 358 pounds. Both the 31.1 and 41.0 GGE configurations weigh less than a full Ford OEM 55.0 gallon gasoline tank, which weighs over 500 pounds.

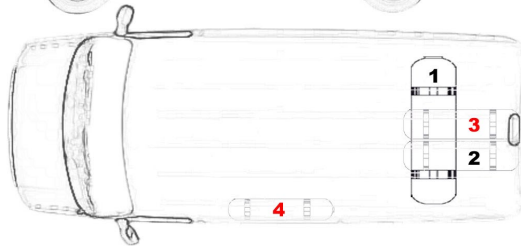
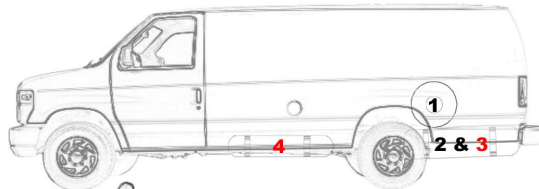
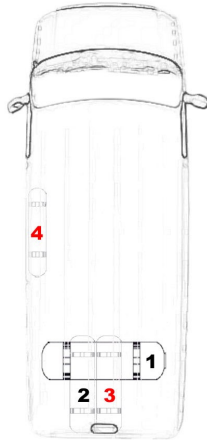
CYLINDER DETAIL					
ITEM	PART NUMBER	WIDTH	LENGTH	GGE	LBS
1	274L	21.0	60.0	24.5	136.0
2	ALT890S	13.1	50.0	6.6	92.5
3	ALT890S	13.1	50.0	6.6	92.5
4	A404D	10.6	40.0	3.3	37.0
TOTAL				31.1	228.5
TOTAL W/OPTIONAL TANK 3				37.7	321.0
TOTAL W/OPTIONAL TANKS 3 & 4				41.0	358.0



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FORD E-350 VAN COMPOSITE CYLINDER

PRELIMINARY DRAWING
DENOTES STANDARD CONFIG. INCLUDED IN BASE COST
DENOTES OPTIONAL CONFIGURATION AT ADDED COST



No Change in Gas Mileage

WorldCNG natural gas vans achieve the same miles per gallon rating as the OEM gasoline vehicle. Using the OEM rating of 10 miles per gallon the range of the base configuration of this van is estimated at 311 miles while the optional expanded capacity configuration's range is estimated at 410 miles.

Vehicle Conversion Cost Summary

2010 Ford E350 Van
(price does not include vehicle)

CNG Up-Fit

Under Hood Conversion Hardware
Type-4/Type-3 Composite Tanks, Lines, and Fittings
Labor and Installation

BASE 31.1 GGE COST: \$16,500.00
OPTIONAL 41.0 GGE COST: \$19,500.00

Ford E350 Van

All World CNG natural gas conversions feature OMB electronically controlled solenoid valves on all cylinders, Titeflex flexible high-pressure tubing, and utilize only Swagelok fittings. All tank cradles feature Canimco brackets and stainless steel tank shielding custom manufactured by WorldCNG.

Other standard items installed on all vehicles include the following:

- (1) Swagelok 2 9/16th 4000 PSI liquid filled pressure gauge
- (1) Swagelok ¼ turn shut-off switch
- (1) Snaptime Fuel Filling Receptacle
- (1) Rotarex Cirrus Series high pressure gas regulator

All WorldCNG Conversion systems are installed in compliance with NFPA-52/FMVSS standards and NGV2-2010 guidelines.

PLEASE VISIT OUR WEBSITE FOR MORE INFORMATION
www.WorldCNG.com

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