



PROPANE AUTOGAS

FOR TRANSIT AGENCIES



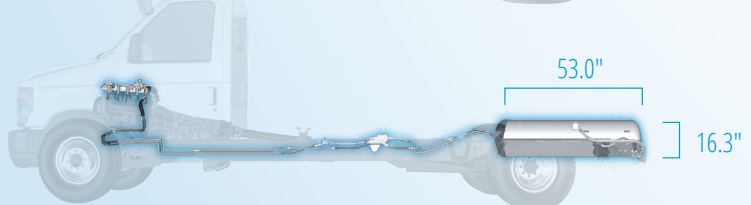
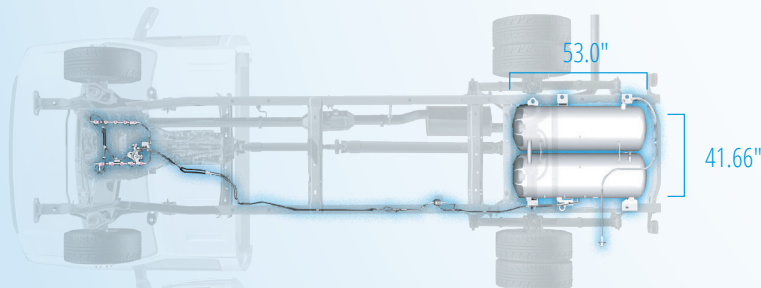
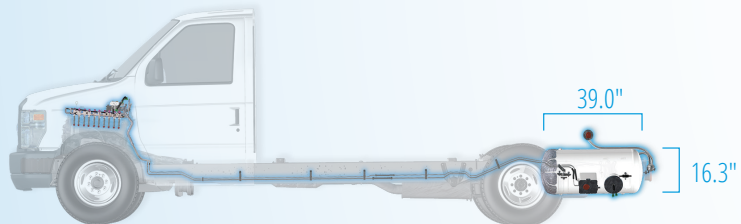
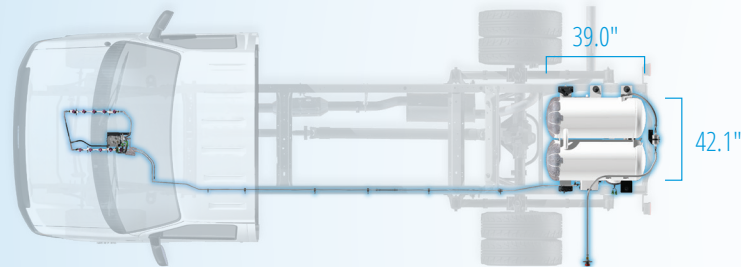
REDUCES

- ✓ Fuel Costs
- ✓ Emissions
- ✓ Maintenance Costs
- ✓ Total Operating Costs



Ford E-350 / E-450

7.3L V8
2022



ENGINE SPECS

Horsepower	350HP at 3,900 rpm
Torque	468 lb-ft at 3,900 rpm
Transmission	TorqShift® 6-speed transmission
Wheelbase*	138" / 158" / 176" / 186" / 190" / 208"
Gaseous Prep Engine Code	98G
GVWR	E-350 SRW – 10,050 lbs E-350 DRW – 12,500 lbs E-450 DRW – 14,500 lbs

TANK SPECS

Aft-Axle Fuel Tank

Capacity	41 usable gallons
Length	39.0"
Width	42.1" (16" diameter tank)
Height	16.3"
Number of Tanks	1 (dual manifold)
Tank Location	Aft-Axle (rear)
Assembled Weight	138 lbs [‡]

Extended Range Fuel Tank (E-450 DRW only)

Capacity	64 usable gallons
Length	53.0"
Width	41.66"
Height	16.3"
Number of Tanks	1 (dual manifold)
Tank Location	Aft-Axle (rear)
Assembled Weight	398 lbs [‡]

*138" Wheelbase only available in the E-350 †The Assembled Weight is the delta between a full propane tank versus a full gasoline tank.

Ford F-450 / F-550 7.3L V8 2021



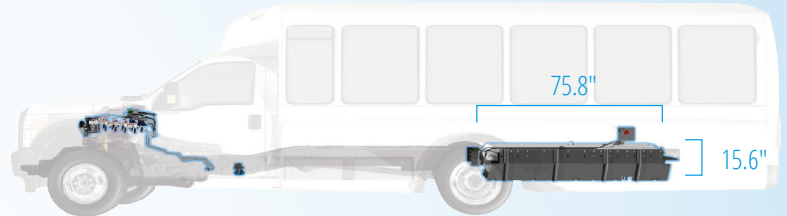
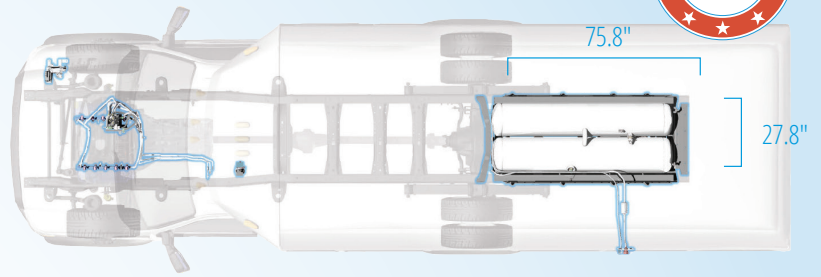
ENGINE SPECS

Horsepower	350 hp at 3,900 rpm
Torque	468 lb-ft at 3,900 rpm
Transmission	TorqShift® 6-speed transmission
Gaseous Prep Engine Code	Included
GVWR	Up to 19,500 lbs.

TANK SPECS

Aft-Axle Fuel Tank

Capacity	65 usable gallons
Length	75.8"
Width	27.8" (total width)
Height	15.6" (mounting surface to top)
Number of Tanks	1 (dual manifold)
Tank Location	Aft-Axle (rear)
Assembled Weight	268 lbs (empty)



Ford F-650 / F-750 7.3L V8 2022



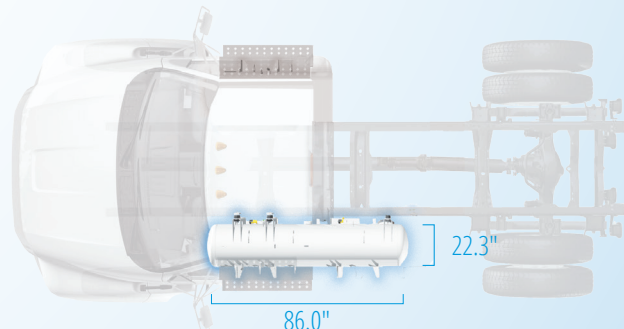
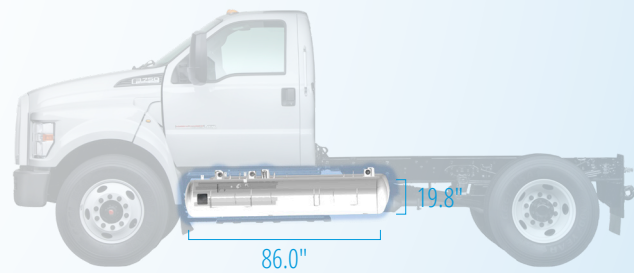
ENGINE SPECS

Horsepower	350 hp at 3,900 rpm
Torque	468 lb-ft at 3,900 rpm
Transmission	TorqShift® 6-speed automatic
Gaseous Prep Engine Code	98G
GVWR	Up to 33,000 lbs

TANK SPECS

Driver's Side Fuel Tank

Capacity	50 usable gallons
Length	86.0"
Width	22.3"
Height	19.8"
Number of Tanks	1
Tank Location	Driver side
Assembled Weight	367 lbs [†]



For those looking for more range, additional options are available: dual short tanks (54 usable gallons), dual long tanks (83 usable gallons).

FUEL RAIL

Our signature blue anodized aluminum fuel rails operate under the varying temperatures of liquid propane autogas.

FRPCM

The fuel rail pressure control module improves vehicle start-up times, lowers start-up emissions and provides consistent power.

FUEL TANK

The fuel tank meets ASME certification standards. It's built 20 times more puncture-resistant than gasoline tanks and is made in the U.S.

Ford E-450

2022 7.3L V8

FUEL INJECTORS

Special fuel injectors inject liquid propane autogas into the engine for ignition.

RECALIBRATED PCM

We reprogram Ford's on-board computer that controls the engine to allow the vehicle to operate properly on propane autogas.

FUEL FILL

The design of the industry-standard valve allows for safe passage of liquid propane autogas into the vehicle. It also includes a check valve to prevent fuel leaks.

FUEL LINES

Made of high-durability stainless steel to handle varying temperatures and pressures and designed to route through the factory line locations.

CERTIFICATION & COMPLIANCE



EPA



CARB



FMVSS



NHTSA



NFPA-83



The ROUSH CleanTech propane autogas Ford E-450 has passed through the **Altoona Bus Testing Program** to give you options on how to pay for the capital expense.

For transit agencies, that means you can use FTA and state capital funds to purchase your propane autogas equipped vehicles, freeing up your operating budget for what it was meant for — operations.



ROUSH CleanTech is a **Ford QVM** developer and installer of dedicated propane autogas fuel systems. Organizations with QVM status from Ford create the engine calibration, complete the on-dynamometer calibration testing, comply with all Ford engineering requirements, and develop a vehicle component package.