



ASSESSING ISSUES. SOLVING PROBLEMS. CREATING CHANGE.

INTRODUCING OUR BEST-EVER CNG SHUTTLE BUS – MY 2017

Many airport and municipal fleets use CNG-powered shuttles to reduce harmful CO2 emissions. However, maintaining CNG shuttle buses has been more difficult than some fleets anticipated.

Westport, the largest, most experienced, and trusted name in natural gas engines and fuel systems, rose to the challenge to identify and address the critical factors affecting the performance of CNG-powered shuttles.

Working with A-1 Alternative Fuel Systems, our exclusive national shuttle bus distributor, Westport now provides fleets with the industry's largest selection of Altoona certified products to deliver the optimal shuttle bus experience.

GASEOUS PREP ENGINES PREVENT DAMAGE



Because the high heat and dryness of CNG fuel can cause engine damage and failure, not using a gaseous prep package can be risky. Westport is the largest Qualified Vehicle Modifier developer and installer in Ford's QVM program and we remain committed to working only with gaseous prep engines.

CALIBRATION IS CRITICAL

Calibrating a CNG-powered engine can be difficult – OEMs don't always share code updates with installers that are not recognized or endorsed by an OEM. As a QVM developer and installer, we adopted Ford's best calibration practices to ensure software files for our Westport WiNG™ Power System are up-to-date with OEM engines and calibration changes. Our procedure significantly reduces the cost to operate and maintain a CNG shuttle bus over its full lifecycle.

ADVANCED INJECTOR TECHNOLOGY

Previous CNG fuel injectors required adaptors, which would often malfunction. We have adopted the most advanced CNG fuel injector technology, which eliminates the need for adaptors and delivers more reliable performance.

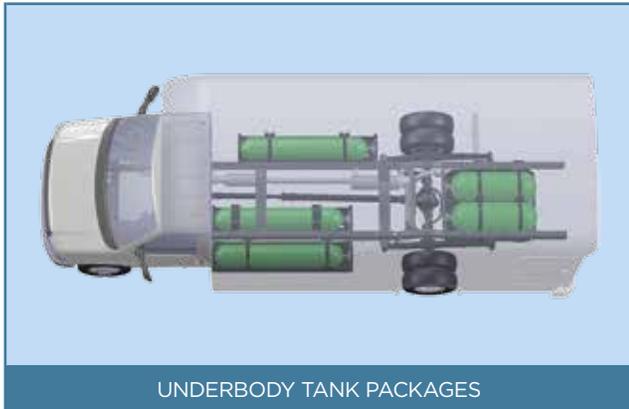
DISTRIBUTION AND INSTALLATION DRIVE CONSISTENCY

Juggling multiple installers can result in inconsistent installation and vehicle performance. Westport's exclusive national shuttle bus distributor, A-1 Alternative Fuel Systems, ensures a streamlined, accountable approach. Together, we offer the largest selection of high-pressure packages, cylinder configurations, and Altoona certified products. With facilities in both Elkhart, IN and Fresno, CA, A-1's proven installation process delivers more consistent vehicle performance and reduces transportation costs.

Now available with the Westport WiNG™ Power System Shuttle Bus

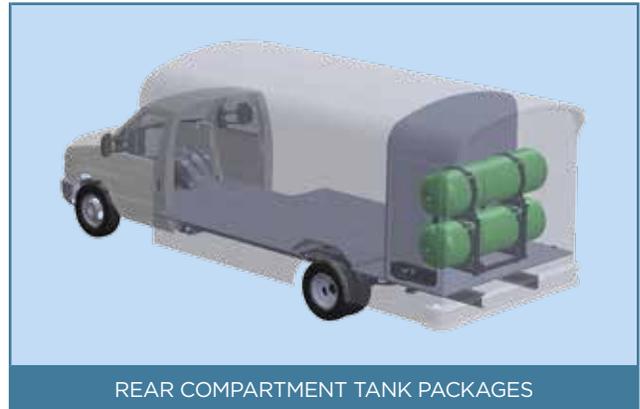


The industry's largest selection of high-pressure tanks, cylinder configurations, and Altoona certified products.



UNDERBODY TANK PACKAGES

- » Altoona certified up to 50 GGE (gasoline gallon equivalent)
- » Most effective use of space on vehicle while still achieving high fuel capacity
- » Tanks protected from road debris by 14-gauge aluminum shields



REAR COMPARTMENT TANK PACKAGES

- » Altoona certified up to 58 GGE
- » Designed primarily for low-floor buses, which have minimal underbody storage capability
- » Tanks can be mounted horizontally or vertically to allow floor-plan flexibility



ROOF MOUNT TANK PACKAGES

- » Altoona certified up to 63 GGE
- » Allows for maximum floor-plan flexibility
- » Low-profile packages minimize height added



Westport WiNG Power System is a trademark of Westport Power Inc. used under license.