

FCC MT45/55

Features

Turnkey conversion package designed for installation on various Freightliner Custom Chassis MT45 and MT55 configurations to 50,000 lb GVW

Includes conversion of GM 6.0 V gas engine to natural gas using Agility's EPA/CARB certified low NOx fuel system

Heavy duty design including engine CNG storage and chassis integration based on Agility's over 20 years of industry leading CNG experience for quality, reliability, durability

Engineered to meet FM standards

Has completed rigorous validation and durability testing

Benefits



Significant operating cost savings



Backed by Agility's industry-leading service and support



Significant emissions footprint reduction with certified low-NOx natural gas engine



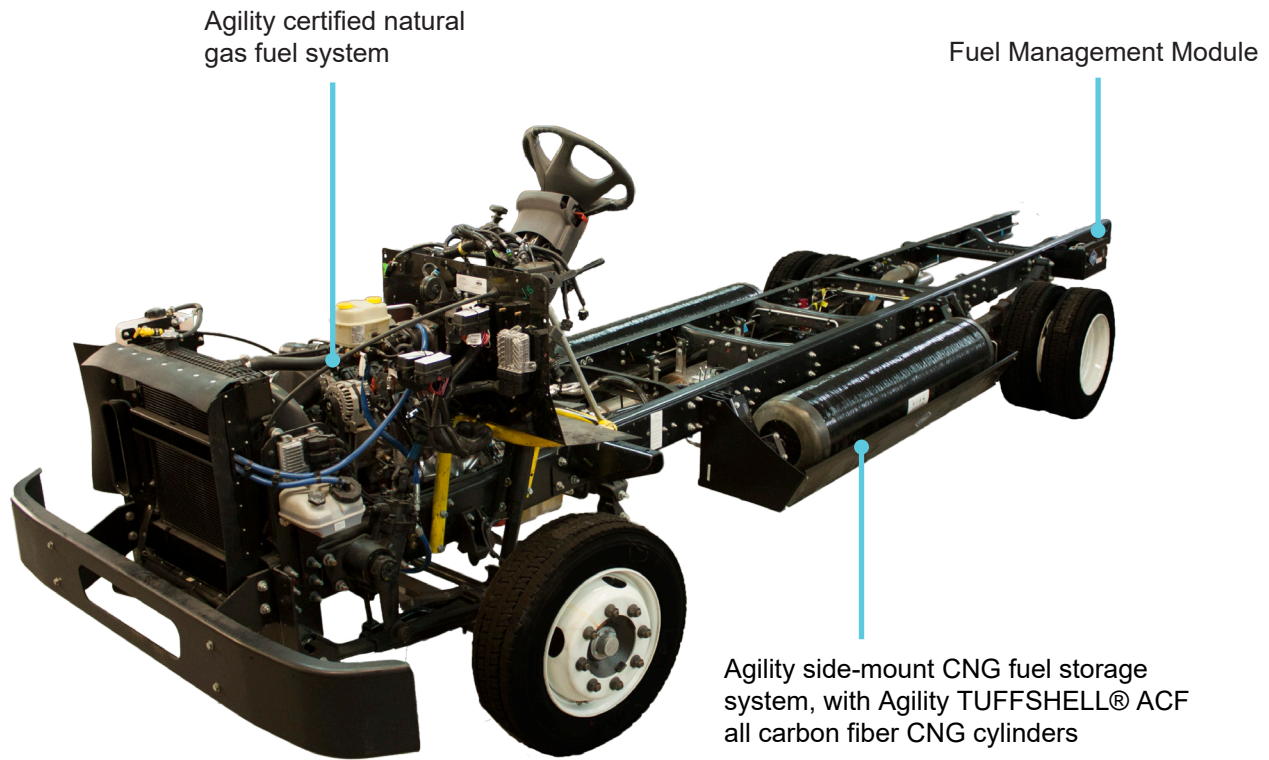
Lightweight CNG storage with Agility TUFFSHELL® ACF all carbon fiber composite CNG cylinders improves fuel economy, range, and cargo capacity



Greater fuel capacity enables long driving range extended range options available



Cold start reliability to -40°F



System Requirements

Vehicle	Freightliner Custom Chassis MT45/55 Chassis
Minimum Wheelbase	168 in, 178 in, 208 in
Engine	GM 6.0L

Engine Specifications

Engine	6.0L Gen-IV V8 small block
Max. Power	301 hp @ 5,000 rpm
Max. Torque	333 lb-ft @ 4,200 rpm
Emissions Control	Three-way catalyst, positive crankcase ventilation
Block	Cast iron
Cylinder Head	Cast aluminum
Intake Manifold	Composite
Main Bearing Caps	Powder metal
Crankshaft	Cast nodular iron with undercut and rolled fillets
Camshaft	Hollow steel
Connecting Rods	Powder metal