

TADGER FUEL-LINE ACCESSORY BOOSTS COMBUSTION EFFICIENCY

WINONA, ON, Canada — Now available from Tadger Group International is a passive device that installs upstream from the intake manifold of an internal combustion engine. According to the manufacturer, it increases turbulence in the air-fuel mixture to promote more efficient combustion, extending mileage and reducing exhaust emissions that contribute to air pollution.

The Tadger apparatus (the name is an abbreviation for “Turbulating Atomizer Diesel/Gas Emission Reducer”) is a cylinder-shaped chamber, about 6 ins. long, whose precisely engineered internal topology accelerates the velocity of the mixture while disrupting the laminar flow.

“This controlled turbulence promotes enhanced heat transfer through convection and decreases the droplet size,” the company explained. “By exposing more of the fuel molecules to oxygen, more of the fuel will be converted to energy.” It also is said to extend the life of the engine’s lubricating oil.



Tadgers are available for a variety of gasoline and diesel engine types, including marine and stationary engines, the manufacturer said. They have found application in personal and delivery vehicles, short and long-haul trucks, municipal transit coaches and off-road and construction equipment in 23 countries on five continents.

An article in the *Long Island Press* (July 26, 2007) detailed the installation of Tadgers on all the delivery vehicles – 75 delivery trucks and nine tractor-trailers – run by beverage wholesaler Clare Rose, a major Anheuser-Busch distributor serving Nassau and Suffolk Counties. This initiative was expected to cut the company’s annual fuel consumption, which totaled 228,000 gals. in 2006, by 11,000 gals., and drew favorable attention from local government.

Information may be found online at tadgergroup.com