

# AMSOIL Introduces Injen/AMSOIL Co-Branded Diesel Air Intake Systems



AMSOIL has established a new relationship with Injen Technology, Inc., an air intake systems company.

## Market History

Aftermarket air intake systems were developed and hit the market in the late 1980's. They were originally constructed of rotationally-molded plastic intake tubes and primarily used wet cotton gauze air filters. In the late 1990's, several firms in the United States developed their own air intake systems, as did foreign market competitors. Many intake systems today are still made of plastic tubes with wet cotton gauze filters, although some companies now offer systems in metal tube designs.

This history of Injen Technology, much like the history of AMSOIL, is a classic success story of a small manufacturing company turned industry leader. In 1998, Injen embarked on a quest to brand its name and set new standards of quality and performance while striving to improve their engineering capabilities. New products were introduced through the years and in 2005, the new line of Injen products was displayed at SEMA, winning the International Product Award. Injen products generate excitement among customers, making Injen a great partner for AMSOIL.

## Intake System Design

Cold air intake systems serve several important functions. Primarily, they are used to increase the amount of oxygen available to the engine, increasing power. Because cool air has a greater density than hot air, aftermarket intakes improve combustion of the fuel by capturing cooler air from outside the engine compartment. In addition, an aftermarket air intake system increases the diameter of the intake as compared to the original equipment, increasing air flow into the engine and making more oxygen available during the combustion process.

By designing a more direct route for the air entering the engine, as well as a smoother interior surface for the intake, air resistance is reduced and air flow is increased. To protect the engine from damaging dirt, cold air intakes are also equipped with filters. Air intake systems can improve gas mileage and increase performance, and they

also add a sleek, custom look to a vehicle.

## Construction of Injen/AMSOIL Diesel Air Intake Systems

Injen and AMSOIL are excited to introduce the Power-Flow Diesel series with revolutionary Variable Induction Technology. The new Vi Technology process is a multi-power air induction system that fills the plenum with air, giving added power on demand. The Power Box on the Diesel series is manufactured using a composite mix of glass-filled nylon and polypropylene designed for noticeably quiet operation. The Power Box was designed for advanced cooling efficiency and the ability to resist high temperatures. The Power Box will not distort, unlike other plastic components that lose their structural integrity over time. This ground-breaking material makes it possible for the integration of a built-in velocity stack that streamlines the air turbulence into the plenum air chamber by way of the multi-power induction system.

Injen/AMSOIL Diesel Air Intake Systems are manufactured with aerospace alloy T6 aluminum, stainless steel clamps and tig-welded ports and brackets. They are dyno-tuned for peak performance and have a direct bolt-in application, making installation quick and easy.

## AMSOIL Ea Air Filters and Injen

The addition of AMSOIL Ea Air Filters to these high-quality intake systems ensures the ultimate in protection and performance. Injen recognized the unsurpassed quality of AMSOIL Ea Air Filters and sought partnership with AMSOIL in order to make the best product possible. AMSOIL designed, developed and manufactured special EaA Diesel Intake Filters for the system.

AMSOIL Ea Diesel Intake Filters provide increased horsepower and torque, improved acceleration and fuel economy and maximum air flow. The high quality of the AMSOIL Ea Filter Media offers long filter life because the filters can be cleaned and reused. Above all, Injen/AMSOIL Filters provide superior protection and maximum efficiency for engines.

