



AMSOIL PRESS RELEASE

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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 greater density than hot air, aftermarket intakes improve combustion of 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

AMSOIL now offers the Injen/AMSOIL Power-Flow Diesel Air Intake series with revolutionary Variable Induction Technology. The new VI Technology process is a multipower 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. It 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.

AMSOIL now offers Injen/AMSOIL Power-Flow Diesel Intake kits for the following applications:

- 2005-2007 Chevy/GMC 6.6L Duramax ([Installation Instructions](#) 1MB PDF)
- 2003-2007 Dodge Ram 2500, 3500, 5.9L Cummins ([Installation Instructions](#) 1.18MB PDF)
- 2003-2007 Ford PowerStroke F250, F350, F450 ([Installation Instructions](#) 1.37MB PDF)



**2005-2007 Chevy/GMC 6.6L
Duramax**

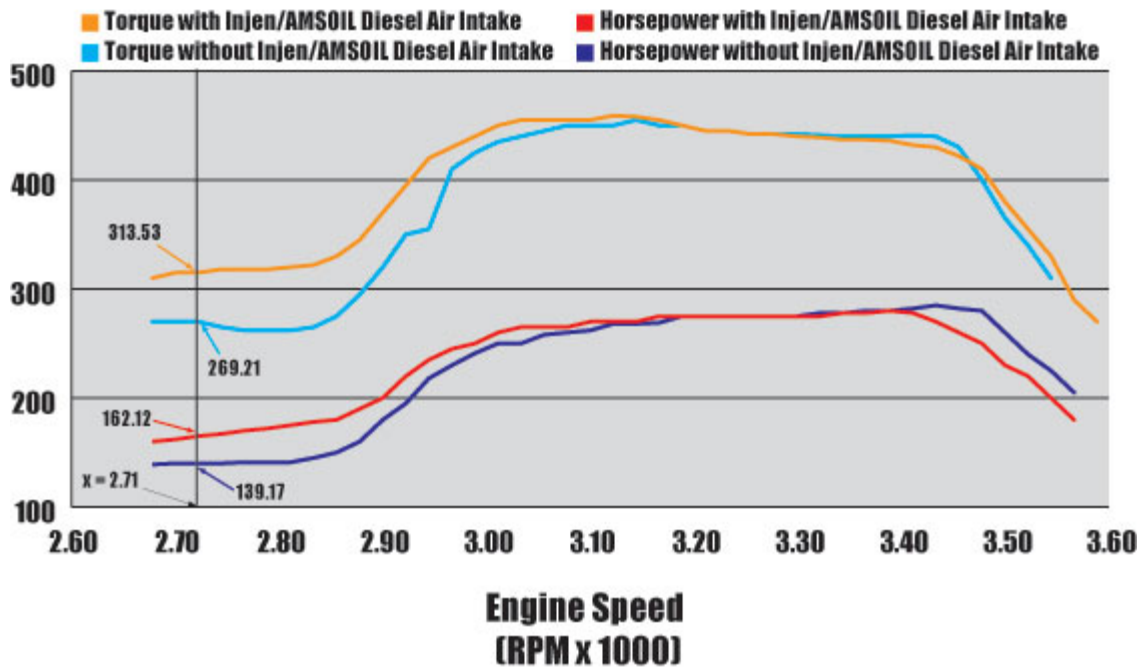


**2003-2007 Ford PowerStroke
F250, F350, F450**



**2003-2007 Dodge Ram 2500,
3500, 5.9L Cummins**

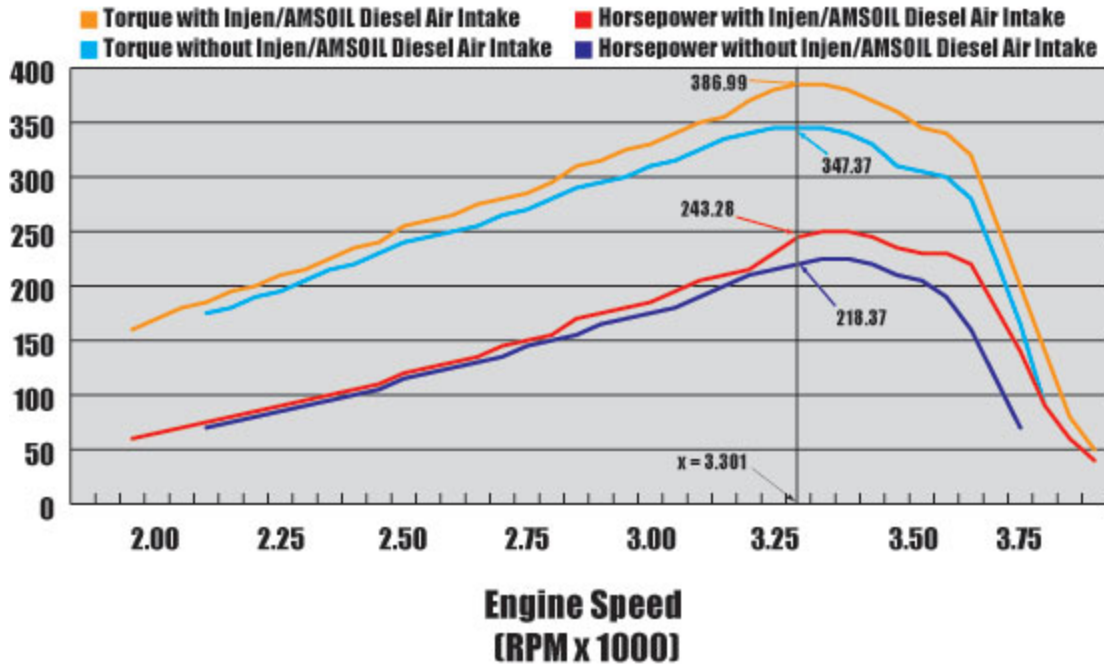
Dyno Testing Injen/AMSOIL Diesel Air Intake Chevrolet Duramax Diesel Engine



* 10% Increase in Torque with Injen/AMSOIL Diesel Air Intake

* 10% Increase in Horsepower with Injen/AMSOIL Diesel Air Intake

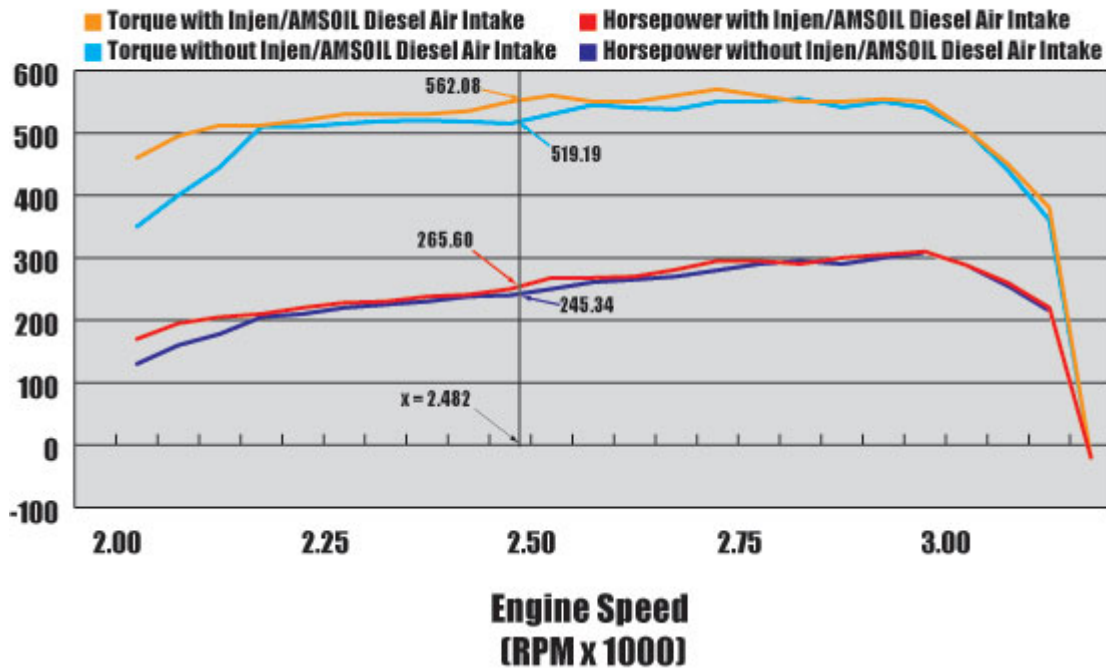
Dyno Testing Injen/AMSOIL Diesel Air Intake Ford PowerStroke Diesel Engine



* 7.6% Increase in Torque with Injen/AMSOIL Diesel Air Intake

* 7.6% Increase in Horsepower with Injen/AMSOIL Diesel Air Intake

Dyno Testing Injen/AMSOIL Diesel Air Intake Dodge Cummins Diesel Engine



* 14% Increase in Torque with Injen/AMSOIL Diesel Air Intake

* 14% Increase in Horsepower with Injen/AMSOIL Diesel Air Intake

These results are representative of the vehicles tested in support of the development of the Injen/AMSOIL Cold Air Intakes. Performance may vary from vehicle to vehicle due to equipment and driving conditions.