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Cold Air Intake - A Performance Upgrade You Can Do Yourself

By Stefan Rockhaus

The cold air intake system was launched in the late 1980s. This system includes intake tubes which are made up of molded plastic, and a cotton-gauze air filter. A cold air intake system is used to increase the power of your car, truck or SUV's engine, by reducing the temperature of the air going into it. These aftermarket parts are available in different colors and sizes, as another objective of this system is to enhance the look of your vehicle's engine bay and also to create an attractive intake noise. Installing a cold air intake is an inexpensive way to increase the performance of your vehicle.

A cold air intake system is responsible for increasing the amount of oxygen, which is necessary for combustion along with fuel. It provides cold air to the hot engine and protects your vehicle from mechanical imbalance.

While purchasing a cold air intake, you have to take notice of the following points:

- The diameter of the air intake should be big for free flow of air.
- Interiors of tubes should be smooth to reduce the blockage of air.
- Air filters should be efficient.

Different materials like plastic, metal, silicone, fiberglass or carbon fibers are used to make cold air intakes.

A short ram air intake is the alternative to a cold air intake. It comes with a short metal or plastic tube with a conical air filter, and is fitted inside the engine bay. Because it increases the airflow to the engine, a short ram air intake is more effective than the stock air intake. In some cases however, the hot air from around the engine can reduce performance, but the use of a heat shield will solve this problem.

Carbon fibers can replace metal for piping, as this reduces weight and insulates air at a higher speed.

Most cold air intakes come ready to install, and you can quite easily fit one yourself. It's simply a matter of removing the stock air intake system from your vehicle and installing the new cold air intake. The air will enter from an external source – from the front bumper, fenders or a hood scoop. By providing

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increased airflow at a suitable temperature, the cold air intake can prove its credibility.

These cold air intakes are not as effective in rain as in other seasons. This is because during the rainy season, the flow of air is not proper. There is also the problem of your air intake being exposed to water. Too much water ingested into the engine will cause serious damage. To bypass this problem, you can install a water shield or relocate the air intake so that it is inside the engine bay.

In upshot, it is a good idea to use a cold air intake in your car or truck, as it will result in improved performance and better gas mileage also.

Stefan Rockhaus is a contributing author for

<http://www.your-online-guide.info>

– For more

<http://www.cold-air-intake-guide.info/sitemap.html>

info visit

<http://www.cold-air-intake-world.info>

Diesel Air Intakes To Improve Performance

By Todd Johnson

Like most diesel truck owners, you are probably always looking to improve your diesel performance. Luckily, there are many tools at your disposal to help make your truck run more efficiently as well as more powerfully. Whether you've been making performance modifications to your vehicle for some time, or you've just started, a quality intake is probably something you've been thinking of incorporating into your diesel performance plan.

Quadzilla

Quadzilla intakes are one of the most popular, and when you see green, you know you are looking at a Quadzilla intake as they use green exclusively. All Quadzilla intakes are built from steel and are powder-coated wrinkle black. Quadzilla is considered superior to other brands for a variety of reasons including the green woven cotton that wears better, and has better filtering capabilities. Quadzilla also uses just two layers, instead of up to seven, which obviously allows more airflow. With Quadzilla you can see up to 35 horsepower gains, which is quite remarkable.

AFE Trueflow

AFE Trueflow is another diesel air intake that you might want to look into. If you are tired of changing your paper air filter, AFE Trueflow might be just what you are looking for. This air intake filter involves

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five cotton gauze layers and two non-woven synthetic layers. With the AFE Trueflow you'll benefit from high filtration and a long service life. The AFE Trueflow has been specifically designed for your Chevy Duramax, Dodge Cummins, or Ford Powerstroke that is operating under heavy-duty work conditions. This is definitely a great buy, and a brand you can believe in.

Of course, when you mention diesel intakes, the Banks brand is one that fits right in. Banks has developed a series of intakes that will allow your engine to maximize efficiency by balancing the air and fuel ratio leading to safe engine temperatures, engine durability, fuel efficiency, and powerful performance every time. Banks has a theme of "First Air, Then Fuel" and this carries over to their intakes, which will enhance your performance every time. When you match their intakes with power chips, you'll find that you have a great combination to work with!

Bully Dog

Bully dog is another of the obvious choices for a diesel performance air intake solution. Bully dog cold air intakes deliver more oxygen for more power, in every truck, every time. While Bully dog is known for just about every thing diesel and even Bully dog propane, it's a brand that you can really trust and comes through every time. If you want more horsepower, a Bully dog air intake is what you need to get the job done. Even better, Bully dog has consistent prices so that you can improve your diesel performance as cost effectively as possible.

Diesel performance is definitely affected by air intake, so if you haven't already, you should consider the intakes above to work with your diesel tuners, diesel chips, and even your diesel exhaust to improve your performance even more! You'll be amazed at what the right air intake can do for your truck.

If you are looking for any diesel performance products such as diesel chips, air intakes and exhaust please visit

<http://www.dieselsmoke.com>



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