

Air Intake Charge the Art and Science of it.

Are you looking to buy an air intake? Well, there are various kinds or styles to choose from but if you are not very much aware how each of these types work, you might get confused and hesitate on which one is the best choice. Among the most popular styles of air intake charge kits are the Short Ram, Long Ram Cold, and the Ram. If you want to know more about how these systems work, then read on.

Short Ram Systems are similar to the long ram counterparts, but with much shorter tubing than cold air intake systems. Typically, they are not equal in efficiency if compared to the long ram cold air intake system since they pull in less dense and warmer air which is closer to the engine. Significantly though, they still out-perform most types of stock air intake systems.

Greater horsepower and better gas mileage is increased when the vehicle's cylinders are also increased with a long ram cold system. Removing the stock air boxes then replacing them with smooth flowing mandrel bent tubing will increase its overall efficiency. The speed of air that is moving towards the engine and the volume of air will rise too.

The engine air that goes into the air becomes cooler and denser with this kind of intake. The factor causing it is the air which is far from the engine and is not over heated but still is pulled into the intake. Intake is also increased by the efficiency to the filters of allowing more air.

Ram Systems uses outside air then forces induction into your vehicle's engine. A vehicle with a "scoop" in its hood is often evidence of the presence of a ram air intake. The air gushes into the intake all the way through the tubing connected in the scoop. The speed of air that comes from the intake grows as the speed of the vehicle increases.

This system boosts during high speeds and creates good, dense, cold and high velocity air for your engine and consequently creates more horsepower. Some of the Long ram systems try to capitalize in this kind of induction by force. They position the air filter low enough so that it will reach the high speed air that comes through the vehicle's front bumper.

If you are wondering, here are a couple of tips on how you could get the best air intake system and the differences between the brands and designs:

1. When determining which air intake system to buy consider the dyno proven results. Next, you will be presented with an example of its proper use with your vehicle.
2. Do not fall victim to the running myth that when it is about air intake systems - what is bigger is better. In some cases, this may be true but not in other circumstances.

About the Author

Unleash your motor's full power potential using a [cold air intake](#). By force feeding a blast of cold, fresh air into your engine, a cold air intake releases more horsepower and torque.

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