

Why the Power Hood creates more Horsepower

The Power Hood ram air system is like no other. It is a true ram air hood system that forces cold air through the hood vents to force feed cold air into the engines intake, under pressure. The Power Hood ram air system delivers more horsepower to the engine, along with better fuel efficiency than a simple cold air intake.

With the Power Hood ram air system the hood intake system seals down onto the airbox to force cold air under pressure into the throttle body. With this system, your engine builds more HP the faster you go. The faster you go, the more pressure you build into the system. You will see the most power gain starting at around 50mph. The difference between the Power Hood and other ram air hoods is that the other systems are not pressurized.

Most aftermarket hoods feed into a standard aftermarket cold air intake off to the side of the fender. These systems are not pressurized because they are open to the fender housing which allows any air pressure from the hood to be forced out at the fender and not into the intake. Under that condition, the engine still has to suck the air, which causes it to work harder. The Power Hood system forces the air into the intake and takes the work off the engine to allow it to build more HP and better fuel efficiency by inducing more cold air.

Air Intake System Comparison

To compare the different air intake systems, you might compare:

- A: A stock factory air intake to drinking a liquid from a glass through a small straw (very restrictive).
 - B: An aftermarket cold air system to drinking from a glass through a larger straw (less restrictive).
 - C: The power hood system to drinking straight from the glass with no straw (not restrictive at all)
- C: Pours the air into the intake with no restriction while the other two suck it in.

Power Hood Ram Air System

