

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 force feeds cold air into the engine's intake through the hood vents. The Power Hood ram air system forcefully delivers more cold air to the engine which produces more horsepower, and in turn delivers greater fuel efficiency than a simple cold air intake.

With the Power Hood ram air system, the hood intake system forces cold air into the throttle body under pressure through a completely sealed system. 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 Ram Air Power Hood is a sealed system that delivers pressurized cold air. Air is denser when cooled, which means more oxygen is available for combustion in the engine. Better combustion means more power.

Most aftermarket hoods feed into a standard aftermarket cold air intake off to the side of the fender. These systems are not pressurized. The standard cold air intake is 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 those conditions, the engine has to work harder to passively suck in the air. The Ram Air Power Hood system forces the air into the intake and takes the work off the engine. As a direct result of receiving the pressurized cold air, this allows your engine to build more horsepower and increase fuel efficiency. A larger supply of cold air forced into the engine when the throttle is open increases power and improves throttle response.

Power Hood Ram Air System

