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VOLUME 5, NUMBER 8



aFe
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ENGINEERED ADRENALINE

STAGE 2 SEALED INTAKE FOR YOUR FORD 6.4L POWER STROKE



A. Dynamic Air Scoop (D.A.S.):

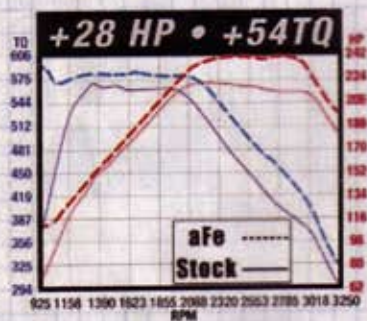
Unique Dynamic Air Scoop (D.A.S.) draws increased fresh air from the front grill area for increased air flow and decreased intake temperature.

B. Smooth Tube Transitions:

Dyno tuned intake tube to increase air velocity with built in MAF sensor pad with brass inserts for an easy installation.

C. Balanced Styling:

Sealed design with stainless steel button head screws and laser cut aFe Power nameplate provides a clean and aggressive style.



Call the horsepower helpline at
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DPF-DELETE EXHAUST

PRO GUARD D2 OIL FILTER

PERFORMANCE AIR FILTER

Fluidampr

Even though the crank was race-balanced at the machine shop, a Fluidampr harmonic damper was installed to further smooth out vibrations. The Fluidampr harmonic damper uses a



gel to smooth out vibrations and is less susceptible to deterioration than the rubber used in the stock damper.

EFI Live Powerlabs Custom Tuning

The key to making this engine perform is the electronic tuning that controls all these components. Since the setup on this truck is so complex with a vast number of aftermarket components, it would be almost impossible to find an off-the-shelf downloader that could tune the engine to achieve its full potential. The best



option is to get the computer custom-tuned by an experienced tuner. EFI Live is a software program that allows tuners to access the computer and make adjustments to the maps that control all aspects of the engine's performance. Using EFI Live with the truck on a SuperFlow dyno Brent Wilsey from Powerlabs tuned the engine.

MBRP Ceramic-Coated Down-Pipe

A larger-diameter down-pipe from MBRP was installed to allow the exhaust gases to leave the turbo with the least amount of restriction possible. This down-pipe is mandrel bent and then



coated with a high-temperature ceramic coating that adds to performance by dissipating heat from the exhaust. This down-pipe is connected to a dual 4-inch Magnaflow exhaust.

aFe Mandrel Intercooler Tube

Many of the components used in this build are pieces that allow the air to flow through and out of the engine as quickly as possible. While none of these parts on their own make a considerable difference to performance, the combination of all these parts



should make a difference in the performance of the engine. The tube that connects the turbo to the intercooler was replaced with larger 3-inch-diameter, mandrel-bent tube from aFe. According to aFe, this tube flows 67-percent more air than the stock intercooler pipe would.