

Motorcycle Tech Tip

Bolt -On Performance by Grumpy

Grumpy's Motorcycles

707-996-5400

www.grumpymotorcycles.com



Often riders call me asking about ways to increase horse power without a lot of complications or expense. To gain increased horse power for minimal expense, I find that changing out exhaust pipes and air cleaners makes a big difference. Standard O.E. air cleaners from the dealer work great, but they are pretty easy to change out and gain significant power. Exhaust systems are also relatively inexpensive to change and gain even more power. Here is an example of how I recently upgraded a bagger. The owner wanted more horse power (don't we all) so instead of upgrading to a bigger power plant, I kept it simple and relatively inexpensive. I installed a 95" kit on the customer's Bagger. The 95" kit was not the factory kit; it has 10.5 to 1 pistons, Kuryakyn TC-466 cams, ported heads and 57mm throttle body, which basically is a race tuner upgrade. After the upgrade 95" kit was installed, the bike tested out at 114 h.p. on the dynamometer. That was pretty good, but I wanted more. Since the bagger had only a Thunder Header exhaust and a Screaming Eagle air cleaner, I first changed the air cleaner to the Kuryakyn Hi-Five. The immediate result was an increase to 118.2 h.p. Thinking there was still more power in there, I swapped pipes to Bassani Road Rage exhausts. That brought the h.p. up to 122.8. With the upgraded air cleaner and exhaust, it runs in the low 12 second range in the quarter mile. Not too bad considering the minimal expense changing out the air cleaner and the pipes. And it is still a bagger!

Stop by and tell him Del Sent you