



Performance Tip

by Bill Cook

Desert Custom Cycles

480-835-6666

Congratulations! You are the proud owner of a new 2007 Harley. Now what should you do to get it to sound and run like the bike you want?

The 96" motor has some dramatic changes to the previous V-Twin. Available literature on this new motor claims 92 ft lbs of torque at 3500 rpms.

Our dyno shows the bikes to be producing around 64 horsepower and 76 ft lbs of torque in the stock configuration to the rear wheel. Many of our customers are also complaining that the bikes seem to run hotter than their other bikes. The good news is that the bikes can be hopped up pretty easily. A quality high flow airbox, a set of good performance pipes and a module to control airfuel and we are seeing the bikes jump to averages of 76 horsepower and right at 90 ft lbs of torque to the rear wheel. That compares to 74 horsepower and 76 ft lbs of torque in the same setup in a 2006 model.

We have found that the 2007's are being delivered with the airfuel ratio being around 14.5 to 14.8, very efficient but can cause the bikes to run a bit warmer. We have found the bikes to run cooler and with more power with airfuel at about 13.5-13.8 cruising and 13 under full power. There are many options to control air fuel and it is very difficult to explain it all in a one page article. Ask your mechanic how different pipes, airboxes and fuel control modules perform. Check dyno results. Make sure the changes you make to your bike accomplish what you are looking for.

Remember--a bike that will respond to your demands is the one that can accelerate to get you out of a tight spot on the road.

See Ad on page 5