

THE EXTRA MILE

Engine Building and Power Techniques

BY **SCOTT SEHR**



Absolutely, The Most Motor For Your Money! Guaranteed

To Show or Go

In the world of high performance engine building there are many different components available to increase horsepower and torque, there are also many to make your engine shine and look fancy that do nothing for performance. Many people choose the chrome and billet parts thinking it will make a performance engine but engine performance comes from the right parts used in the right application to increase performance and also to stand up to the extra stress applied in a performance application.

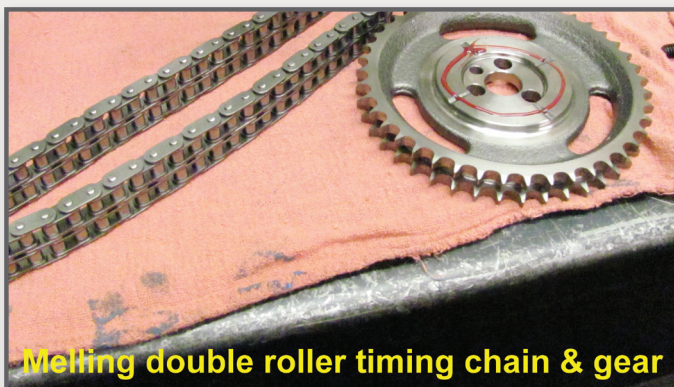
Unfortunately, the first place a lot of engine builders look at to control build cost is in the parts that the customer doesn't see like the pistons, crankshaft, connecting rods, bearings, valves and springs. All of these components are critical to the longevity of an engine build and short changing any of them can result in an engine that will run strong but won't run very long. When I engineer an engine, I look at every component to make sure that the quality will be adequate for the use and performance of each individual engine. It just doesn't make any sense to spend a pile of money on parts that look nice but do little if anything to increase the life of the engine.

Our first order of business is to build an engine that will perform the task that it is assigned to do and to do that job for as long as can be reasonably expected. The shiny stuff is great but it can be added at a later date as an upgrade. When our customers are budgeting their hot rod builds a lot of money is allocated to the body and paint work, high dollar wheels and tires, suspension upgrades and custom interiors and it sometimes seems like the engine and drivetrain are an after thought. What it all boils down to, is that most hot rods and performance street machines remain works in progress because there is always something new or different to consider. Why not start with a great foundation and build from there? We want our customers to be able to get some of their 'Extra Miles' before that last piece of chrome gets added. After all, they are being built to drive. We try to help our customers spend their money wisely the first time so they don't end up spending more money to get the correct parts the next time. Not all of the pretty stuff goes on the outside so we provide pictures of the parts that went into the build.

Let us help you get the **"EXTRA MILE"** out of your next build.



Mahle ultra light, coated pistons



Melling double roller timing chain & gear