



OEM Vs. Aftermarket Crate Engines - What You Need To Know To Make Your Choice

Ben Smeding Offers Tips On What To Look For When Purchasing Your Next Crate Engine.

Rancho Cordova, CA ([PRWEB](#)) July 1, 2005 -- Want a new engine? Trying to decide between an aftermarket crate engine and an OEM (original equipment manufacturer) crate engine? Looking to find out what to consider and how to choose? Well, Engine Developer Ben Smeding offers some basic tips to help guide you through the process.

1. Get the best internal components- "Some of the biggest differences between OEM and Aftermarket crate engines are the internal components," says Ben Smeding, president of Smeding Performance. Aftermarket engine builders can pick and choose the components they want to use. OEM's have to use all the components they manufacture. Aftermarket builders can use a part for as long or as short of a time as they see fit and change the components to meet each engine's specific needs.
2. Keep up with technology- Aftermarket parts manufacturers spend a great deal of time and money engineering components that meet and exceed today's changing technology. With many outlets to sell through to recover their cost. This keeps the engineering as current and as up to date as possible, delivering the best the market has to offer. Where as an OEM spends an equal amount of money or possibly more developing technology but they have fewer outlets to distribute through, causing their products to stay in marketplace longer to recoup the development cost.
3. Custom Fitting- OEM produce engines on assembly lines. Changing internal component or even balancing the engine to your transmission is not an option. The engines that are produced are all they offer. To change an oil pan or the cam are not options. Aftermarket engine builders take into account what the engine is going in and change components accordingly. "We produce eleven combinations of the Chevy 383 Stroker for just that reason," says Smeding. "We even go as far as changing the advance spring in the distributor to fit our client's needs."
4. Look at the cost- When looking at cost; it is a case of basic economics. If a crank company builds a crank, all of the costs associated with development and production would be factored into their price. The more cranks they sell, the quicker they recover their cost. Aftermarket companies have many builders that use their components. This allows them to recover the manufacturing cost of those components fast and allows them to continue to reinvest in their components. An OEM manufactures most if not all their components. This means their development cost has to be factored into each engine. Many OEM's sell their engines for a long time to recover their investments. This means some of their engines do not have some of the advancements that aftermarket engines have.
5. Compare Warranties- Both OEM and Aftermarket crate engine builders offer warranties. Most OEM's offer a one-year warranty where you will get at least a two-year warranty with aftermarket engine builders like Smeding.

About Smeding Performance

Smeding Performance specializes in building reliable, high-performance, low-maintenance crate engines for car and truck. These engines are not rebuilds: Smeding crate engines feature brand-new engine blocks and brand-



new premium components. For more information, contact Smeding Performance, Dept. ____, 3340 Sunrise Blvd. #E, Rancho Cordova, CA 95742, 916-638-0899, www.smedingperformance.com.

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