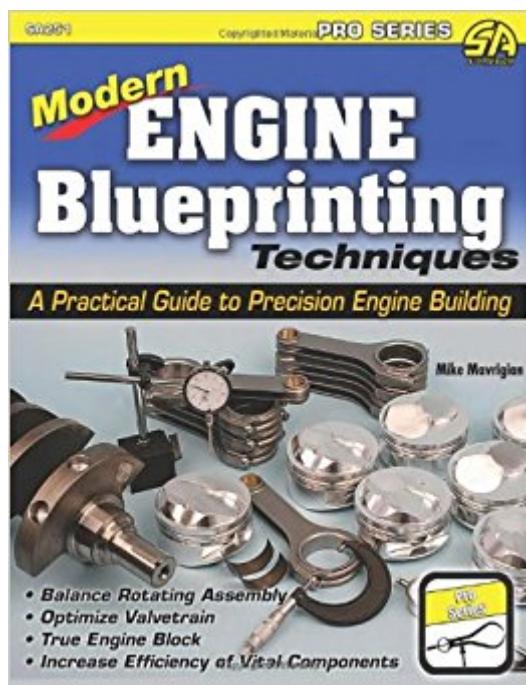


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# Modern Engine Blueprinting Techniques: A Practical Guide To Precision Engine Building (Pro)



## Synopsis

Engines are built to fall within a wide set of standards and specifications, often not optimized to meet the original design. In short, cheap and fast engine production results in a sloppy final product. Of course, this is not idea for high-performance engines. To maximize the performance of any engine, it must be balanced and blueprinted to the exact tolerances that the factory should have adhered to in the first place. Four cylinder, V-8, American or import, the performance of all engines is greatly improved by balancing and blueprinting. Dedicated enthusiasts and professional racers balance and blueprint their engines because the engines will produce more horsepower and torque, more efficiently use fuel, run cooler and last longer. In this book, expert engine builder and veteran author Mike Mavrigian explains and illustrates the most discriminating engine building techniques, so the engine is perfectly balanced, matched, and optimized. Balancing and blueprinting is a time consuming and exacting process, but the investment in time pays off with superior performance. Through the process, you carefully measure, adjust, machine and fit each part together with precision tolerances, optimizing the design and maximizing performance. The book covers the block, crankshaft, connecting rods, pistons, cylinder heads, intake manifolds, camshaft, measuring tools and final assembly techniques. For more than 50 years, balancing and blueprinting has been an accepted and common practice for maximizing performance. An enthusiast or professional that invests the time to precisely build an engine in this fashion will be rewarded with an engine that will run strong and last for years. This book provides an unprecedented level of detail and instruction on the process of balancing and blueprinting your engine.

## Book Information

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## Customer Reviews

"Don't pass this book up!" -engine professional, Jan-March 2014 (engine professional 2014-08-28)

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MUST READ FOR ALL GEAR HEADS. YOU WILL NOT BE ABLE TO PUT IT DOWN, IVE READ IT OVER AND OVER, THIS BOOK WILL IGNITE THAT HOT ROD PASSION THAT DUELLS IN ALL WRENCH TURNERS,,,,,,THIS BOOK BELONGS IN YOUR LIBRARY

I was having a friend rebuild an engine for a corvette for me for an engine change, and he told me of the various things he was doing, and after reading this book, I realized that what he was doing was blueprinting my engine. So if you want to know how to maximize every thing for performance in an engine, I suggest you buy this book.

Ehh.., Not bad but I was hoping for a lot more. Just kinda glosses over the basic principles of blueprinting not much more.

I had a vague idea of what Blueprinting was about but this book takes the subject to level that you can understand and explains the amount of detail required to perform it correctly. Buy this book if the subject is of interest..

## Great Reference Books

Great book, very detailed on every aspect of engine building from oil pan to air cleaner and from stock to full race setups.

This is an excellent book for the uninformed. It is a good guide for those who want to learn how to do this on their own engine. The Seller was prompt in shipping and very easy to deal with.

Looking forward to finding some good information

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