

## AERA announces the upcoming release of new Engine Failure Analysis Manual

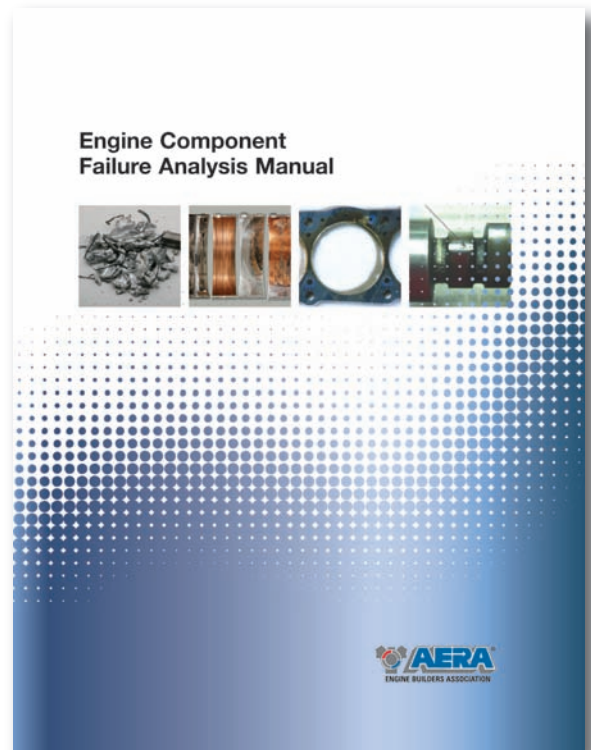
Compiled by the AERA Technical Support Team, this manual explains engine part failures in an easy-to-understand format with many pictures.

Four sections of the manual cover:

- Pistons, Rings, Locks and Pins
- Engine Bearings
- Gaskets
- Valve Train and Related Components

Use this manual to better educate customers and new machine shop trainees who cannot be expected to know what it takes years for an experienced engine builder to learn. Features a collection of pictures from real life failures and the damage done to new or used engine components. AERA will release this manual in early 2009.

**Advertising Opportunity:** If you would like to place an ad on the inside cover of this manual, please contact **Jim Rickoff** at **507-457-8975** or email [jrickoff@ridge-runner.com](mailto:jrickoff@ridge-runner.com) for more information. **Don't delay — space available is limited.**



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## ■ product news

### Cool new valve covers for your hot small-block Chevy!



Specialty Auto Parts USA, Inc. has done it again! Dynamite new surface finishes coupled with a dynamic new design highlight these valve covers. Specialty Auto's all-new slant edge die-cast aluminum covers have been licensed by GM Performance Parts to carry the Bow-Tie and Chevrolet name, reserved for only premium quality products. The breather grommet is supplied with each cover and a no-emblem, highly polished slant edge version is also available. Valve covers fit any Chevy small-block from 1958 to 1986 and are available in black crinkle, polished, chrome, metallic gray or Chevy® Orange, and feature raised or recessed logo styles. The design allows for the use of larger rockers and the covers include an OE style oil baffle. For more information, contact the performance experts at Specialty Auto Parts, USA, Inc., Roseville, MI, phone: 586-774-2500, email: info@proformparts.com. Or, go online: www.proformparts.com.

### New Measurement Tools from Goodson



Goodson announces its release of their 90° Dial Bore Gauge. Now also for 1.4" to 2" capacity. No passing through other inline bores to measure inboard journals

.100" travel in .0005" or .0001" graduations. Includes 3 probes, 3 spacers and storage case.



Reduce engine failure by determining proper rod bolt stretch with Goodson's Economy Rod Bolt Stretch Gauge. Accurate to .001", lightweight, 1 ½" dial gauge, aluminum frame, heavily preloaded gauge self-aligns on bolt, accommodates bolts from 1" to 2.5" long, optional Contact Point reduces capacity by .156". Order No. ERBG-3, \$49.99. For more information, contact Goodson Tools and Supplies for Engine Builders, Winona, MN, phone: 800-533-8010, or visit their website at www.goodson.com.

### Hughes Engines Racing now offers 5-axis CNC Porting Services



CNC ported heads are the pinnacle of Racing heads. Up until now, finding someone who specializes in Mopars has not been easy. The search has just been made easier — Hughes Engines Racing now offers in-house 5 axis CNC services. Hughes Engines Racing CNC versions of the Edelbrock Mopar heads are so good that they were chosen to represent Mopar heads in the Edelbrock booth at the 2008 Performance Racing Industry show in December. What does Edelbrock know that you should know? Hughes Engines Racing ports most brands of aluminum heads for Mopars. For more information, call (309) 745-9558 or visit their website at www.hughesengines.com.

### Professional Products wins five awards at SEMA



The 2008 SEMA Show was a success for Professional Products once again. Five awards were presented to Professional Products for three of its new products, including one for the Best Engineered New Product!

The Powerfire™ Ready-To-Run electronic distributor won the Best Engineered New Product Award and a Global Media Award. It features an external knob that allows you to adjust the engine timing in ½-degree increments with every click. Powerfire™ applications include SB & BB Chevy (#30000), SB Ford (#30001) and 351W Ford (#30002).

The Powerjection III™ EFI System received the Runner Up Street Performance Award and a Global Media Award. The Powerjection III is the lowest cost self-learning EFI system with minimal wiring. It can replace a carburetor and get the car back on the road in a few hours and still use the stock air cleaner. Powerjection III units are available in both satin (#70020) and polished (#70021) finishes.

The EFI Snorkel Assembly also received the Runner Up Street Performance Award at SEMA. It accepts several throttle bodies and has 360-degrees of adjustability to best fit your application. The EFI Snorkel is available with a satin (#70213) or polished (#70212) finish.

For more information, visit www.professional-products.com or contact Professional Products, Hawthorne, CA, phone: 323-779-2020 Fax: 323-754-1141.

■ Please send your product news releases to Engine Professional Technical Editor, Dave Hagen. E-mail: dave@aera.org or fax AERA toll-free 888-329-2372.