

PRESENTED BY



# EPIC

ENGINE PROFESSIONAL INDUSTRY CONFERENCE

**December 10, 2025**

Wednesday before PRI Show  
Indiana Convention Center  
Indianapolis

\$100 per person includes breakfast, lunch and four technical presentations. Every person from an AERA member shop will be reimbursed \$100 after attending!

- ▶ Kevin Feeney and Shannon Strother, P1 Manufacturing
- ▶ Randy Neal, CWT Industries with Ben Strader and Billy Godbold
- ▶ Lake Speed Jr, SPEEDiagnostix
- ▶ Dan Begle, King Engine Bearings

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**PRI SHOW**

DECEMBER 11-13, 2025, INDIANAPOLIS

## SCHEDULE – Wednesday, December 10

7:30 - 8:15 AM	BREAKFAST	
8:15 - 8:30 AM	SPONSOR RECOGNITION	
8:30 - 10:00 AM	KEVIN FEENEY AND SHANNON STROTHER, P1 MANUFACTURING <b>▶ T=kDP The Facts About Clamp Load, Torque and Friction</b> When assembling anything that utilizes fasteners for retention, the goal is clamp force. Without the proper clamp force, always, things tend to come apart and that is failure. So, to get clamp load, we need to ensure that we have a process that allows us to create a proper preload. P1 will explain the factors and procedures that ensure a high performing bolted joint.	
10:00 - 10:30 AM	BREAK	
10:30 AM - 12:00 PM	RANDY NEAL, CWT INDUSTRIES WITH BEN STRADER AND BILLY GODBOLD <b>▶ Flat-plane and Cross-plane Crankshafts</b> Randy Neal, Billy Godbold, and Ben Strader will delve into the engineering trade-offs between flat-plane and cross-plane crankshaft architectures. This technical discussion will examine how each configuration influences intake manifold dynamics and exhaust header tuning, with a focus on optimizing volumetric efficiency, scavenging, and overall power delivery. The conversation goes beyond peak horsepower – it's about maximizing reliable engine performance.	
12:00 - 1:00 PM	LUNCH	
1:00 - 2:30 PM	LAKE SPEED JR, SPEEDIAGNOSTIX <b>▶ Surface Texture</b> In light of the performance gains made via honing and GM's L87 engine recall, surface texture has become an incredibly important variable. Get it right and win championships (see Greg Anderson). Get it wrong and you have major problems (see GM's billion-dollar mistake). This seminar presents the tools and defines the methods that allow you control this important but hidden variable.	
2:30 - 3:00 PM	BREAK	
3:00 - 4:30 PM	DAN BEGLE, KING ENGINE BEARINGS <b>▶ Bearings: How They Function, Why They Fail and How to Increase Reliability</b> Dan will take a deep dive into the types of bearings and the pros and cons of each. Knowing how the bearings function, what causes bearing failures and knowing how to increase reliability with bearings are all key functions to having a bearing last.	
4:30 PM	CONFERENCE ENDS	



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WHEN: **DECEMBER 10, 2025** (Wednesday before PRI SHOW)

WHERE: **INDIANA CONVENTION CENTER, Indianapolis**  
Room 237-239

**Register online at**  
**[aera.org/attend-epic](http://aera.org/attend-epic)**

## ATTENDEE REGISTRATION FORM

NAME

COMPANY NAME

AERA ID NUMBER

☐ NON-MEMBERS PLEASE CHECK HERE.

COMPANY ADDRESS

CITY, STATE, ZIP

PHONE

E-MAIL OR FAX CONFIRMATION (REQUIRED)

SIGNED BY

**FEES: \$100 per person** Includes breakfast and lunch. List additional attendee names from the same company below.

**NOTE: Every person from an AERA member shop will be reimbursed \$100 after attending.**

TOTAL AMOUNT ENCLOSED:

☐ CHECK – PLEASE MAKE PAYABLE TO AERA.

CREDIT CARD: ☐ VISA ☐ MASTERCARD ☐ DISCOVER ☐ AMERICAN EXPRESS

CARD NUMBER:

EXPIRATION:

3-DIGIT CSC:

CARDHOLDER NAME:

CARDHOLDER SIGNATURE:

**IF PAYING BY CREDIT CARD, PLEASE FAX COMPLETED REGISTRATION FORM TO AERA**

**toll-free fax 888-329-2372**

Or, scan the completed form and email to [info@aera.org](mailto:info@aera.org)

Mail your completed form with payment to: **AERA, 875 Feinberg Court, Suite 106, Cary, IL 60013**  
Call AERA toll-free if you have any questions: 888-326-2372 or direct at 815-526-7600.



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Cary IL 60013 USA



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