



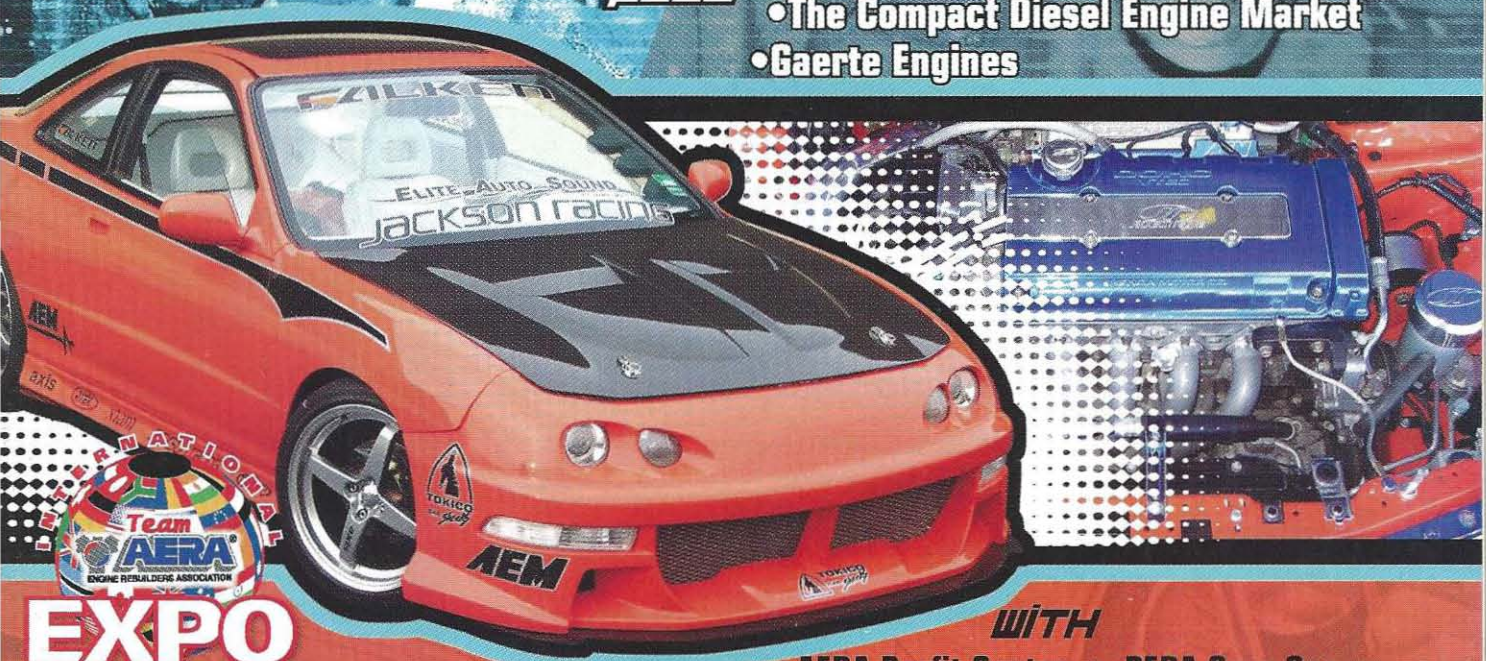
ENGINE BUILDER

Serving Engine Builders and Rebuilders Since 1964

ENTERING THE SPORT COMPACT PERFORMANCE MARKET

AERA's Vanguard Stroker THE HONDA 1.6L VTEC ENGINE

- PLUS**
- Adapting F1 Head Technology
 - Shops Discuss Cleaning Challenges
 - The Compact Diesel Engine Market
 - Gaerte Engines



EXPO 2003

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...ing with World of Outlaws legends like Steve Kinser
(...) helped build Gaerte Engine's reputation years ago. In
...picture, Mark Kinser, #5M, goes to the inside of Steve
...er at the Dirt Track at Las Vegas Motor Speedway during
...2002 World of Outlaws season finale.

The latest "something" is a project to develop Mopar
...ks and heads for short track racing. "Mopar is pret-
...ceptive to suggestions from engine builders. Some
...SCAR technology is carrying over and so we're help-
...to develop some things," Gaerte explains. "It should
...pretty big."

This commitment to excellence in the engine depart-
...t also carries over to parts. Gaerte builds a number
...e parts used in its motors and supplies them to the
...ng community as well. "We build a lot of the parts
...ble take for granted including front covers for late
...els, roller tappets, oil pans, oil tanks and valve cov-
...- we do a big business in valve covers."

Gaerte sells more than 500 dyno-tested carburetors a
... as well as gear drives, camshafts, valve springs and
...r components. The company is a performance ware-
...e for many top manufacturers, offering its services to



...ponents needed for a rebuild are identified with the
...s balance number.

other professional engine builders.

"We're not looking to attract the mail-order type cus-
...tomer," explains Gaerte. "We want the relatively low-vol-
...ume guys who want more than one part at a time. We
...have two sales people trying to cultivate a relationship
...with engine builders as well as the parts stores looking
...for a performance supplier.

The relationships built over the past three decades are
...evident on every hall and wall at Gaerte Engines. Every
...kind of performance vehicle imaginable is represented
...by autographed pictures of some of the top names in rac-
...ing. Yet this high-profile company has a low-key, small-
...town atmosphere with an open door policy. Professional
...racers are encouraged to visit the shop to see their
...engines being built.

"There's no black magic here," says Gaerte. "Any of
...our customers is welcome to come have a look at how we
...build his engine." **EB**

LEARN MORE ABOUT GAERTE ENGINES

*Earl Gaerte, founder and president of Gaerte Engines, will
...be the keynote speaker at AERA's International Expo 2003 in
...Las Vegas, NV, at 9:30 a.m., Thursday, April 24, 2003, in S3
...of the Las Vegas Convention Center.*

Dynamic Performance

Schumann's Dual Adjustable Small Block Chevy Oil Pump

GEAR HOUSING

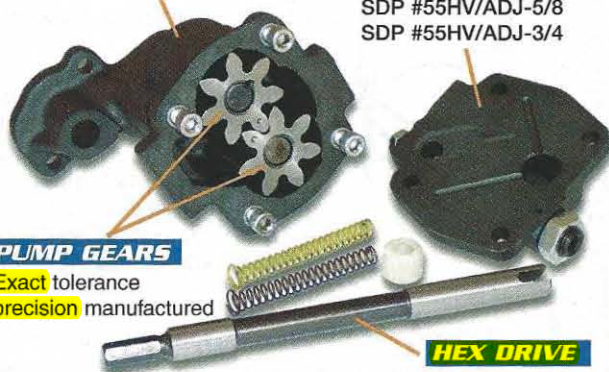
High strength alloy
Engineered rebuildable
Overhaul kit available
Exact tolerance machining
Anti-cavitation design

COVER PLATE

Fully adjustable (30 to 100 p.s.i.)
Adjustable relief valve stroke!
Full flow oil porting
Dual by-pass relief circuits
Avail. in 5/8 and 3/4 tube size

PART NOS.

SDP #55HV/ADJ-5/8
SDP #55HV/ADJ-3/4



PUMP GEARS

Exact tolerance
precision manufactured

HEX DRIVE

SDP #55HVADJ-RBK

Rebuild kit includes gears, spool valve,
3 springs and plastic drive coupler sleeve

Schumann's Sales & Service

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