Mercury Racing Unveils Concept Small Block Four-Valve Engine at SEMA

FOND DU LAC, Wis., Nov. 4, 2014 - Mercury Racing unveiled a concept small block four-valve automotive crate engine today at the Specialty Equipment Market Association (SEMA) show in Las Vegas. SEMA consists of a diverse group of manufacturers, distributors, retailers, publishing companies, auto restorers, street-rod builders, restylers, car clubs, race teams and more.

The engine features dual overhead cam shaft (DOHC) four-valve cylinder heads modeled after those used on Mercury Racing's exclusive quad-cam, four-valve (QC4v) engine platform. The unique heads, designed to integrate with existing General Motors LS series hardware, provide a proven high-performance valve train for the robust small block engine design. The four-valve design provides improved intake and exhaust flows compared to conventional two-valve heads. Enhanced port flow enables the engine design to increase maximum power or maintain current power with milder camshaft timings. Valve train durability is also much greater compared to two-valve designs due to reduced mass and, thus, lower stresses.

This is Mercury Racing's second trip to SEMA. The QC4v automotive crate engine, unveiled at SEMA last year and recipient of a 2013 SEMA Global Media Award, will again be featured at the show. Designed, developed and manufactured in-house, the QC4v is unique in the aftermarket high-performance powertrain business. The all-aluminum, nine-liter 90 degree DOHC V8, twin-turbo engine optimizes power and torque throughout the rpm range. Electronic wastegate management delivers a broad, mesa-shaped torque curve under all operating conditions. Pulse-separated exhaust tuning improves low RPM turbocharger response. The QC4v is the quintessential crate engine and cannot be matched in terms of performance, run quality, durability and reliability.

Mercury Racing has partnered with Salvaggio Automotive Design, which is building a number of cars featuring Mercury Racing power.

Highlighting the Mercury Racing booth at SEMA is a Salvaggio 1968 Dodge Charger with turbocharged QC4v power. Mercury Racing's 1650 powered Ultima GTR Supercar makes a return to SEMA and is featured in the Mercury Racing booth as well.

The Mercury Racing booth, #34221, is located in the Upper South Hall of the Las Vegas Convention Center. The SEMA show runs November 4 through November 7.

About Mercury Racing
Based in Fond du Lac, Wisconsin, Mercury Racing, a division of Mercury Marine, is a leading provider of high-performance marine propulsion systems for discriminating boaters worldwide, offering an exciting and fulfilling power boating experience on the water. Using leading-edge technology, Mercury Racing produces high-performance outboards, sterndrives, propellers, parts and accessories. Mercury Marine is a division of Brunswick Corp. (NYSE: BC), the world's largest manufacturer of recreational products, including pleasure boats, marine engines, fitness equipment, and bowling and billiards.

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