

## Press Release

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**Las Vegas, NV** (October 30, 2007) - The lights of Las Vegas reflect flawlessly in the gleaming aluminum paint of the Heico Sportiv S80 T6 High Performance Concept (HPC). Being shown for the first time in North America at the 2007 Specialty Equipment Market Association tradeshow in Las Vegas, NV, the S80 T6 HPC is a literal reflection of power, sophistication and athleticism as can be seen in its unique 7-layer "aluminum effect" body paint. But the S80 T6 HPC is more than just a pretty face. It's a true example that a powerful luxury sedan can also be sensitive to the environment.

"Heico Sportiv is honored to once again be working with Volvo Cars to build the exciting S80 T6 HPC for this year's SEMA show," said Holger Hedtke, President of Heico. The 2007 show marks the second year Heico Sportiv has partnered with Volvo Cars to create a SEMA concept. This year, Heico shows its mettle with the S80 T6 HPC and the C30 Surf Pattern (see separate release). "The S80 T6 HPC is really where we put all our efforts this year," continued Hedtke, "It is our most advance concept to date and it's one that Heico is extremely proud of."

But getting to Las Vegas wasn't easy. The project began as the curtain fell on last year's SEMA show. Behind closed doors Heico executives sat down to put to paper the 2007 concept. The result is a Volvo S80 T6 that has been tuned to an amazing 350-horsepower while running on bioethanol fuel.

When the S80 arrived at Heico's shop in Weiterstadt, Germany in early 2007, Holger and his team knew they had their work cut out for them. The S80 began life with a 3.2-liter inline-six engine and front-wheel drive because production had yet to begin on the Volvo S80 T6, which has standard all-wheel drive. A new T6 engine was delivered from Sweden and work began in earnest.

### Performance

The first order of business was to make a significant increase in horsepower. The standard Volvo T6 engine produces 281 horsepower, which is enough to move the S80 with spirited ease. But this is a SEMA concept and a significant bump in horsepower and torque were a necessity. Once the engine was modified to run on E85 ethanol, Heico turned its attention to maximizing power with high-performance engine software, a new intercooler and a stainless steel racing exhaust system. The end results were impressive: 350 horsepower at 5,500 rpm and 405 lb.-ft. of torque between 1,500 and 4,000 rpm. The Heico S80 T6 HPC is estimated to reach 62 mph in just 5.8 seconds.

But getting that power to the ground required extensive work. As the standard S80 3.2 is a front-wheel-drive car it was determined that to truly explore the vehicle's potential all-wheel drive was needed. Enter Volvo's renowned Haldex All-Wheel-Drive system with Instant Traction. The system continuously routes power to whichever wheel has the most traction and Heico modified it with heartier gears to handle the enormous amount of torque.

Stopping power is provided via a 6-piston braking system with custom blue-painted calipers and high performance brake pads. Volvo's ABS and electronic brake distribution systems are fully functioning. Large 13.9-inch disc brakes reside in custom forged alloy wheels measuring 9-inches wide and 20 inches in diameter. The specially developed Volution X wheels are wrapped in

aggressive 255/30R-20 Continental tires.

The Heico S80 T6 HPC rides on a chassis that is 1.5 inches lower than Volvo's set ride height and the sport-tuned suspension features firmer springs and struts at all four corners. "We aimed to tune all the components to achieve a dynamic yet harmonious ride. In other words, a true sports car experience without losing the luxurious and comfortable touch that is the hallmark of the Volvo S80," noted Hedtke.

### **Interior**

Hedtke's comments about the S80 T6 HPC's ride and handling translate directly to the interior of the car. "It was important to communicate the intention of this car as a true sports car, but one that is also luxurious and comfortable," said Hedtke. Starting from the standard S80's innovative center console, Heico's interior designers decided to sweep the arc throughout the length of the interior, creating four sport bucket seats. The heavily bolstered thrones are separated by the console that is wrapped in stunning silver aluminum carbon fiber.

Paying homage to Volvo's use of blue in its logo, nearly every surface that isn't aluminum is swathed in soft Mystic Blue leather, including the headliner, instrument panel and door panels. The rear seats have been completely redesigned to accommodate the center console and the front seats have thicker side and thigh bolsters. Fully integrated controls for the rear seat entertainment system, cup holders and storage bins are all found beneath the gleaming aluminum "floating" center console. Interior trim panels and accents are bathed in silver carbon.

The S80 T6 HPC driver will find a thick, comfortable sport steering wheel with which to unleash the vehicle's power. The sport pedals foot rest and door pins are all formed from billet aluminum. The crowing touch is the Mystic Blue glowing door-sill panels.

### **Exterior**

Refined, elegant and stylish are all words that have been used to describe the Volvo S80. With Heico's attention to the car's exterior, words such as powerful, imposing and dominance may also be uttered when the car makes its North American debut at SEMA.

"Our goal was to take Volvo's elegant design for the S80 and make it really stand out at this year's show, said Hedtke, "That's not an easy thing to do in Las Vegas, but everyone who sees the car agrees that it's truly striking."

What first leaps to the viewer's attention is the striking "metal effect" paint scheme. Seven coats were applied over a two-week period and the process allows for no re-shoots or touch-ups making the Heico S80 T6 HPC truly inspiring. "We're hoping that those in attendance at the SEMA show will drop by the Volvo booth to take a look at this car," commented Hedtke. "Since there are so many custom paint jobs done by truly talented artists from around the world represented in Las Vegas, we feel the S80 T6 HPC will be truly appreciated."

Nearly every panel of the Heico S80 T6 HPC was re-fabricated. The S80's front clip was replaced with a more aggressive nose that incorporates ultra-slim LED turn-signal indicators, a deeper front air dam and wide intake tunnels for improved airflow into the intercooler and brakes.

The new soft nose seamlessly blends into the aggressive wheel arches that hug tightly around the custom 20-inch wheels and tires. Deep side sills beneath the doors lend to the aggressive stance of the vehicle and assist in aerodynamics. A completely new rear bumper cap features slender rectangular exhaust ports and carbon fiber inserts.

### **About Heico**

Heico Sportiv was founded outside of Frankfurt, Germany in 1995. It has grown to become Europe's leading Volvo tuning firm. Heico has the longest running history of endurance racing featuring Volvo cars spanning 13 years. This serves as the engineering basis for offering high-quality components for Volvo road cars. Please refer to [www.heicosportivna.com](http://www.heicosportivna.com) for more information.

### **About Volvo Cars of North America (VCNA)**

VCNA provides marketing, sales, service, technology and training to Volvo automobile retailers in the U.S., Canada, Mexico and Puerto Rico. For more information on specific production vehicles or special vehicles please refer to the Volvo Cars of North America, LLC public relations website at: <http://www.volvocars-pr.com/>.

Descriptions and facts in this press material relate to Volvo Cars' international car range. Described features might be optional. Vehicle specifications may vary from one country to another and may be altered without prior notification.

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