

The XC90 V8: A Purebred Performer with Its Supercharged Volvo Performance Parts

The production Volvo XC90 V8 has the makings of purebred performer. The new V8 engine marks a new turning point in Volvo Cars' history. That power is routed through Volvo's Haldex electronically controlled all-wheel-drive system. Volvo C90 V8 engine has compact dimensions and weighs just 418 pounds, which is necessary for low fuel consumption. 15-inch floating discs with 8-piston calipers handle brake duty up front.

([PRWEB](#)) May 8, 2005 -- Volvo has achieved many environmental milestones over the years. The ULEV-II certified low emission vehicles including the XC90 V8 is another testimony to its commitment to the environment. The production Volvo XC90 V8 has the makings of purebred performer. With 311 horsepower and 325 ft.-lb. or torque at a low 3,900 rpm the Volvo XC90 stresses its position as one of the most successful SUV models in the premium segment.

The new V8 engine marks a new turning point in Volvo Cars' history. Since 1927, it is the first V8 the company has produced and the Volvo XC90 is the first model to be powered by the new engine. One absolute requirement for the new V8 engine was that it had to be installed transversely in the engine compartment, just like all other Volvo engines.

A transverse engine is helpful in maintaining the frontal crumple zones in the XC90 and thus not compromise on protective safety," says Hans Wikman. For this reason, extremely compact external dimensions were essential for the new engine. This also explains the choice of just 60 degrees between the two banks of cylinders -- as opposed to the more conventional 90 degrees.

The XC90 V8 has an estimated 600 horsepower with the use of a massive supercharger, revised engine mapping and low restriction exhaust. That power is routed through Volvo's Haldex electronically controlled all-wheel-drive system. The system is "pre-charged" which means that power may be instantly routed to the wheel with the most traction. A new 6-speed automatic "Geartonic" transmission rounds out the driveline.

Volvo C90 V8 engine has compact dimensions and weighs just 418 pounds, which is necessary for low fuel consumption. It has ultra high performance alloy wheels, ultra deep front air dam, small, high intensity fog lamps, and custom fabricated wheel arches, 13-inch floating rear brakes, shod with 4-piston calipers. 15-inch floating discs with 8-piston calipers handle brake duty up front.

Likewise, Parts Train with its supercharged line up of innovative Volvo auto body parts plays an integral part of any replacement part needs for your vehicle. These superior Volvo auto parts could push this next generation SUV to the next level.

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Contact Information

Jenny McLane

Auto Parts Train

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310-469-1220

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