

Press Release

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New engine for Volvo Canada: T6 turbo

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TORONTO (March 19, 2008) -- Volvo Cars of Canada Corp. will introduce a new, turbocharged 6-cylinder performance engine on the XC70 with the launch of the 2009 model year. The 281-horsepower engine -- dubbed T6 -- will be mated to a 6-speed automatic transmission and the company's all-wheel drive system.

"The T6 adds an extra dimension to the engine range," says Hans Wikman, Vice President Vehicle Line Large Cars at Volvo Car Corporation. "The engine has been programmed to provide the highest possible performance with the lowest possible fuel consumption and exhaust emissions."

While based on the 3.2-litre, in-line 6-cylinder engine currently available in the S80 and standard on the V70 and XC70, the new T6 engine is slightly smaller and includes an advanced turbocharger to deliver the increase of 46-horsepower. Displacing 3.0-litres, the T6 delivers 295 ft.-lbs of torque from 1,500 rpm and up through the rev range for quick acceleration and smooth drivability. Prices will be announced closer to the on-sale date.

The smaller engine displacement of the T6 is the result of a slightly narrower cylinder bore and shorter stroke. The turbocharger accepts exhaust gases in two stages as the inflow is divided into two lots of three cylinders each, a system known as twin-scroll technology. Twin-scroll technology permits the use of a more compact and less complicated turbocharger and provides swift response on-par with traditional twin turbochargers found in some 6-cylinder engines.

The T6 will be paired with Volvo's All Wheel Drive. Using an electronically controlled hydraulic clutch, the AWD system distributes drive between the front and rear wheels to ensure the best possible road grip in all situations. The system also features Instant Traction, which pre-charges the rear wheels with torque as the vehicle slows to a stop and released during take-off.

Volvo Cars of Canada Corp. is part of the Volvo Car Corporation of Göteborg, Sweden. The company provides marketing, sales, parts, service, technology and training support to the 42 Volvo automobile retailers across the country. The company's product range includes the stylish and sporty C30, the elegant C70 hardtop convertible, the compact S40 sedan, the S60 sport sedan, the S80 flagship sedan, the versatile V50 wagon and the award-winning XC90 sport utility vehicle. For 2008, the company is introducing two all-new models: the redesigned V70 wagon and the capable and comfortable XC70.

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