

Press Release

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NEW AND UPGRADED ENGINES IN VOLVO'S 2011 MODELS

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- New five-cylinder 2-litre turbodiesel from the all-new Volvo S60 is now available throughout Volvo Cars' model range
- Introducing Volvo's new engine nomenclature
- Six-cylinder T6 petrol engine upgraded to 304 PS and 440 Nm of torque
- Introducing new ES trim level
- Volvo XC60 along with the XC90 seven-seat SUV continues to be a sales success with high demand resulting in extended lead times

The Volvo range has been enhanced with a range of new engine additions and enhancements for the 2011 Model Year update. These new engines include the addition of a new two-litre five cylinder diesel powerplant which is introduced to the XC60 and XC70 models and replaces the familiar four-cylinder 136 PS unit in the C30, S40, V50, C70, V70 and S80. All new engines are available to order now.

The new five-cylinder 2.0D diesel is, in principle, the same engine as the well-established 2.4-litre diesel, but its displacement has been reduced with a shorter stroke to optimise fuel consumption. The injection system also has a different type of piezoelectric fuel injector compared with the D5 engine. These injectors minimize fuel consumption with their exceptionally rapid and precise injection pulses under high pressure to promote extremely efficient combustion. This engine is now available to order in all cars across the range apart from the Volvo XC90 seven-seat SUV.

"This new engine offers greater driving pleasure across the range and our strong drive to reduce carbon dioxide emissions means that fuel consumption has been cut as well," says Magnus Jonsson, Senior Vice President Product Development at Volvo Cars.

As part of Volvo's new engine nomenclature and to simplify Volvo's engine badging, all new engines, including the new five-cylinder 2.0D, will be badged depending on the power output. For example, the 150 PS version of the new 2.0D in the C30, S40, V50 and C70 is named D3 and an updated 177 PS version of this same engine is labeled D4. In the Volvo S80, V70, XC70 and XC60 the newly developed 2-litre diesel engine produces 163 PS and is badged the D3. This hierarchic naming has been introduced to allow customers to more easily understand which engine is the most powerful and which fuel it is driven by - D for diesel and historically T has been used for Volvo's petrol cars. Volvo's naming strategy also follows the principle that the higher the number the more powerful it is - a D5 engine has more power than a D3.

As an example, the award-winning Volvo XC60 range has been enhanced with the addition of the new two-litre diesel 163 PS front-wheel-drive powerplant. The new D3 engine replaces the 2.4D FWD 175 PS variant and will become the new DRIVe engine emitting only 154g/km of CO₂ emissions and 47.9 mpg.

The new frugal D3 DRIVe will also appeal to fleet managers, not only because CO₂ emissions fall below the all-important 160g/km Writing Down Allowance, but it's also the first time the XC60 is available with a 2.0D engine. With the DRIVe model fitting in neatly below the crucial 160g/km tax band at 154g/km, its Benefit-in-Kind credentials are strong with a 20 per cent tax payer paying £98

per month and 40 per cent tax payer paying £195 for the XC60 D3 DRIVE ES. The new D3 engine is also available with automatic transmission, however, as this variant delivers slightly higher CO₂ levels it will not be badged DRIVE.

New engines in the Volvo C30 SportsCoupe, S40 Saloon, V50 Sportswagon and C70 Coupe/Convertible

The new five-cylinder 2.0D engine is fitted in two guises to the C30, S40, V50 and C70. In its lower state of tune, it produces 150 PS and is badged D3 while an uprated 177 PS version is named D4. Both emit only 134 g/km of CO₂ and offer drivers 55.4 mpg in the C30, S40 and V50 and 47.9 mpg and 154 g/km in the C70. The D3 and D4 are available in both manual and automatic transmission across all four models.

New D2 engine with 114 g/km CO₂ emissions

The C30, S40 and V50 are also available with a new four cylinder 1.6-litre diesel engine - badged D2. Fuel consumption in all three models is 65.7 mpg, which corresponds to CO₂ emissions of only 114 g/km. The engine produces 115 PS and 270 Nm of torque and now comes with a six-speed manual gearbox as standard. The previous 1.6D 109 PS DRIVE engine with Start/Stop will remain in the C30, S40 and V50 ranges along with the 1.6, 2.0 and range-topping T5 petrol engines. The 2.4i and D5 are no longer available in the C30, S40, V50 and C70 models.

The D2, D3 and D4 engines all meet the Euro 5 emission standards.

Volvo S80 executive saloon, XC60 crossover, V70 and XC70 premium estates

In the Volvo S80, V70, XC70 and XC60, the newly developed 2-litre diesel engine produces 163 PS and 400 Nm of torque and is badged D3. The D5 twin-turbo diesel and high-performance T6 petrol engine remain in the ranges and have both benefitted from improvements.

The D5 205 PS has seen a drop in CO₂ emissions. For example, the D5 emissions in the XC60 have fallen from 183 g/km to 174 g/km. The T6 powertrain in the V70, XC70 and XC60 has been upgraded to offer a 19 PS boost to a storming 304 PS at 440 Nm thanks to a reduction in internal friction. Maximum torque is achieved between 2100 and 4200 revs. This results in rapid acceleration and smooth driving properties. Emissions have also been reduced - Volvo XC60 T6 emissions, for example, have dropped from 274 g/km to 249 g/km. The D3, D5 and T6 engines are all Euro 5 compliant.

Fuel consumption (EU Combined) and CO₂ emissions:

Model	Gearbox	Fuel Cons (mpg)	CO ₂ Emissions (g/km)
S80 D3 163 PS	Man	53.3	139
S80 D5 205PS	Man	53.3	139
V70 D3 163 PS	Man	51.4	144
V70 D5 205 PS	Man	52.3	144
V70 T6 304 PS	Auto	27.7	237
XC70 D3 163 PS	Man FWD	47.9	154
XC70 D5 205 PS	DRIVE	40.9	182
XC70 T6 304 PS	Man AWD	26.7	248
	Auto AWD		
XC60 D3 163 PS	Man FWD	47.9	154
XC60 D5 205 PS	DRIVE	42.8	174
XC60 T6 304 PS	Man AWD	26.4	249
	Auto AWD		

The S80 and V70 retain the 2.5T petrol engine and the low-CO₂ emitting DRIVE 109 PS variant. The V8 AWD Auto remains available in the Volvo S80.

Generously equipped trim levels

Another facet of Volvo's 2011 Model Year update is a change in the specification hierarchy with the introduction of the ES trim level. The ES replaces the S specification and includes all the features and safety systems you would expect from Volvo.

Volvo XC60 specifications

The XC60 ES specification includes 17" alloy wheels, City Safety, ECC (Electric Climate Control),

Information Centre, Cruise Control, Performance Sound Audio System, Aux input for MP3 Players and CD player, leather steering wheel remote controls and rear spoiler.

The XC60 SE is further enhanced with autofolding power door mirrors, rain sensor, High Performance Audio System, Bluetooth, Rear Park Assist, Air Quality System, power tailgate, leather steering wheel, height adjustable passenger seat, roof rails and autodimming rear view mirror.

The top of the range, XC60 SE Lux, is the ultimate in luxury. Above and beyond SE specification, the SE Lux has Active Bending Lights, headlight cleaning system, power drivers seat with memory, leather-faced upholstery, silver roof rails and 18" alloy wheels.

The sports-inspired R-DESIGN adds all the sporty visual features to the ES specification including a specially tuned sports chassis and sharper driving characteristics, enabling customers to enjoy the XC60's practicality together with more dynamic handling and distinctive styling.

To enhance the R-DESIGN specification, a selection of options have been packaged together to form the R-DESIGN Convenience Pack. This cost-effective new pack is priced at £1,500 and is only available R-DESIGN models and includes Autodimming Rear View Mirror, Autofolding Power Mirrors with Ground Lights, rain sensor, rear park assist, power operated tailgate, High Performance Sound Audio System and Bluetooth.

The Premium upgrade remains available on XC60 SE, SE Lux and R-DESIGN models. The combination of leather-faced upholstery, satellite navigation, DAB radio and High Performance Audio System are all designed to compliment the existing high level of specification and is priced at £2,000 extra on SE, £1,250 on SE Lux and £1,500 on R-DESIGN.

Ends

Notes to Editors

Full technical detail and prices for the full model range will be available on the Volvo Car UK media website from Wednesday 12 May - <http://www.media.volvocars.co.uk/>

Keywords:

Old S60, Volvo XC60, XC90 (2002-2014), C30, C70, Press Releases, 2011, XC70 (2008-2016), V70 (2008-2016), S80 (2008-2016)

Descriptions and facts in this press material relate to Volvo Car UK's car range. Described features might be optional. All information is correct at time of going to press and may be altered without prior notification.

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