

New 1.6-Litre Diesel Engine Continues Powertrain Revival At Vauxhall

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Luton -Vauxhall continues the renewal of its powertrain portfolio with an all-new four-cylinder, turbo-diesel engine.

- New family of state-of-the-art, four-cylinder, 1.6-litre diesel engines
- Class-leading refinement, high power/torque relative to capacity
- Fuel consumption reduced by up to 10 percent
- Compliant with future Euro 6 emissions requirements



NEW 1.6-LITRE DIESEL ENGINE

The second family of new downsized power units to be introduced after the petrol 1.6-litre SIDI ECOTEC, the 1.6-litre CDTI ECOTEC diesels will replace existing 1.7-litre engines and certain lower powered versions of the 2.0-litre range.

Featuring closed-loop combustion control and an aluminum block, the new 1.6 CDTI ECOTEC is the first diesel from Vauxhall to comply with future Euro 6 emissions requirements. The engine will be available in a variety of power outputs across several car lines.

Class-leading NVH (Noise, Vibration and Harshness), high power/torque density and low fuel consumption were the main development targets. Initially maximum power and torque have been increased versus the 1.7-litre engine to 136PS and 320Nm respectively, while fuel consumption has been reduced by up to 10 per cent compared with similarly powerful 2.0-litre diesels.

"The comprehensive renewal of our powertrain portfolio continues at full throttle," said Dr. Thomas Sedran, Deputy Chairman of the Opel/Vauxhall Management Board. "Our new 1.6-litre diesel will set benchmarks for refinement, performance and environmental compatibility. By the end of next year we will have launched three all-new generations of petrol and diesel engines, as

part of our roll-out of 23 new models and 13 new powertrains by 2016.”

The new 1.6-litre diesel and its innovative engine control unit have been entirely developed in-house by a global team of engineers in Turin, Ruesselsheim and the USA. Beginning in spring, the 1.6 CDTI ECOTEC will be manufactured at the same “flex plant” as the new 1.6-litre petrol engine, in Szentgotthard, Hungary.

Vauxhall started making cars in 1903 with a vision and philosophy that has remained with the company through over 100 years of change. Along the way, Vauxhall has grown to become one of the UK’s biggest, most respected motoring brands.

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