



NGK Spark Plugs (UK) Limited  
Maylands Avenue  
Hemel Hempstead  
Herts HP2 4SD

Tel 01442 281000  
Fax 01442 281001

[www.ngkntk.co.uk](http://www.ngkntk.co.uk)

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## NGK - RENAULT CONTRACT

NGK has achieved another OE-success in diesel cold start technology and is to supply Renault with glow plugs and NTK temperature sensors for the new down-sizing engine - Energy dCi 130.

The Energy dCi 130 is a Renault-Nissan Alliance engine, developed by Renault, which can be found on-board the Renault Megane's range and Nissan's C-platform.

The 1.6-litre diesel engine delivers 96kW (130HP) at 320Nm, but consumes 20 percent less fuel than its predecessor, the 1.9 dCi.



Brian Childs, Deputy Managing Director, NGK Spark Plugs (UK) Ltd, said: "This new OE success confirms NGK's increasingly close relationship with the world's leading vehicle manufacturers.

"In addition to our long-established success in the field of spark plugs, we are also now renowned for our NTK sensors and NGK glow plugs. In fact, we are the second-largest supplier of glow plugs to car manufacturers all over the globe."

For this engine NGK developed a new metal heater tube glow plug, the Y1010AS featuring the company's Advanced Quick Glow System (AQGS). Its heater tube is 166mm long and extremely slim with a diameter of just four millimetres, enabling the plug to reach its operating temperature of 1000 °C in just three seconds.

Combined with this rapid heating performance it is capable of post-glowing at an equally high temperature for up to 60 seconds after engine start. In doing so, the Y1010AS makes vital contributions to both safeguarding an optimal cold start at very low ambient temperatures and reducing the emission of noxious gases during the first metres of the journey.

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Furthermore, to control the exhaust gas temperature upstream of the turbo charger, Renault uses an NTK-brand temperature sensor, identified as RN 140J-CW. This is a third generation temperature sensor from NTK, also referred to as CTAS-T type. Its fine ceramic sensor element offers a fast sensor light-off as well as precise detection of the exhaust gas temperature within a range of 100 to 900 °C.

More information on NGK Spark Plugs (UK) Ltd is available on the company's website [www.ngkntk.co.uk](http://www.ngkntk.co.uk)

**For further information contact:**

**Andy Hurst**

**Hurst Media Services**

**Tel: 01354 656555; Mobile: 0773 694 7803**

**Email: [andyh.stonecross@btconnect.com](mailto:andyh.stonecross@btconnect.com)**