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SECOND TECHNICAL CERAMIC GLOW PLUG OE BREAKTHROUGH SUCCESS FOR NGK WITH DAIMLERCHRYSLER

NGK Spark Plugs has announced that it is to supply its new generation of ceramic glow plugs as Original Equipment to DaimlerChrysler. This is the second time that a European vehicle manufacturer has installed NGK's ceramic glow plugs as OE, the first being VW Group in early 2005.

DaimlerChrysler has now selected NGK's latest generation of ceramic glow plugs – New High Temperature Ceramic (NHTC) - for installation as OE on its latest Mercedes OM646 4 cylinder diesel engine. The OM646 is fitted exclusively to the new Mercedes C- and E-Class.



The concept behind the new NHTC generation of NGK ceramic glow plugs is to offer a long element with a small diameter, which will heat up much more quickly – reaching 1000°C in under two seconds - and thus improve cold starting and reduce emissions. They also have a longer post-starting operation time of approximately 10 minutes and are also able for the first time to assist in reducing emissions by their ability to operate intermittently during engine running – for example, when the throttle is eased back.

They also offer a high stabilised temperature of approximately 1300°C, thus ensuring excellent startability from a lower compression ratio – which also reduces noise, engine stress and emissions – and improved mechanical resistance to eliminate vibration. These new NGK NHTC glow plugs also offer lower power consumption.



“We have been a major OE supplier of spark plugs to DaimlerChrysler for many years,” says Brian Childs, Deputy Managing Director, Sales & Marketing, NGK Spark Plugs (UK) Limited. “This is the first time that we have supplied glow plugs as OE to DaimlerChrysler and this latest OE success with new Mercedes models is a tribute to our ability to work closely with leading vehicle manufacturers worldwide, our technical expertise and the unrivalled quality of our products. Our NHTC glow plug application with VW Group was the first of its kind early in 2005. We are delighted to welcome Mercedes to the NHTC ‘club’.”