



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

Tel 01442 281000  
Fax 01442 281001

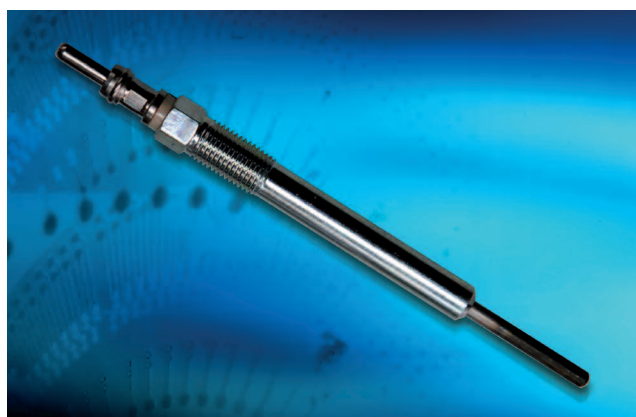
[www.ngkntk.co.uk](http://www.ngkntk.co.uk)

14 January 2010

## FIAT SELECTS NGK GLOW PLUGS AS OE FOR THE FIRST TIME ON NEW 1.3L MULTIJET ENGINE

NGK Spark Plugs' impressive performance in terms of OE supply to Europe's leading vehicle manufacturers has continued with the announcement of exclusive glow plug fitment to Fiat Group's new SDE 1.3L Multijet Euro 5 engine.

The Fiat Group's new Multijet engine will power the Group's best selling models including the Fiat 500, Grande Punto and Doblo as well as the Alfa Romeo MiTo. This is the first time that Fiat has developed an entirely new glow plug in partnership with NGK. The exclusive OE contract also includes glow controllers.



For the four cylinder SDE 1.3L Multijet engine, NGK has developed an exclusive sheathed type glow plug – the Y9001AS – and glow controller, RG41GJ. Together they enable the engine to comply with Euro 5 regulations.

To achieve the required glowing characteristics – such as rapid heat up and long post glow operation – the Y9001AS features NGK's AQGS (Advanced Quick Glow System) technology. Its glow tube has a diameter of only 3.5mm – considerably thinner than conventional glow plugs. It is therefore able to reach 1,000°C in only two seconds, providing an exceptionally reliable ignition of the diesel mixture even at very low ambient temperatures.

Together with the R41GJ glow controller, NGK's Y9001AS also supplies long post-heating - at precisely the required temperature - for up to three minutes. Emissions during the warm-up period of the engine are therefore reduced significantly. Even though this means tougher working conditions for the glow plug, NGK has been able to keep the lifetime of the glow plug high guaranteeing perfect ignition throughout the lifecycle of the engine.

# PRESS RELEASE

“Since the early ‘90s Fiat has been installing NGK’s spark plugs and Lambda sensors as OE,” says Brian Childs, NGK UK’s Deputy Managing Director. “We are now pleased to add the Fiat Group to the list of OEMs who install our glow plugs. Just a few months after Mercedes-Benz made the decision to use NGK glow plugs exclusively in its most important diesel engines over the coming years, this new success with Fiat confirms that NGK ranks among the top suppliers of glow plugs to the leading European vehicle manufacturers.”