



**BOSCH**

**PRODUCT INFORMATION BULLETIN**

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**Subject: Natural Gas Injection Valves**

16 July 2012

Bosch Part Numbers: 0280158827 and 0280158821

To Whom it may concern,

as part of our statutory obligation to product liability and product monitoring, it has come to our notice that our natural gas injection valves NGI (Bosch No. 0280158827 and 0280158821) with elastomer seal are being offered for high flow liquid fuel injector applications.

Natural gas injection valves, like any other Bosch CNG components (CNG = Compressed Natural Gas) are exclusively suitable for usage in natural gas injection systems. Therefore, it is not permissible to use these valves for liquid fuels such as gasoline, gasoline with up to 85 % Ethanol or other alternative fuels, since the metering behavior, service life and other functions can change significantly. The reason for this is the swelling behavior of elastomer seal in liquid media. Bosch CNG-components shall be exclusively operated with CNG for application specified in DIN 516234 (Dated 02.2008) and DIN EN ISO 15403 (Dated 08.2007).

On principle, our natural gas injection valves must not be used for metering liquids, other gas types (e.g. LPG, Hydrogen) or other substances, because these valves were neither tested nor released for usage in these media by us. Our natural gas injection valves are exclusively developed and released for usage in specific automotive applications.

The use of these injector valves (previous and current designs) for aftermarket performance applications is not done with the authorisation or recommendation of Robert Bosch and is therefore done so at the buyer's risk. Warranty claims for failure and consequential damage will not be considered if

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the product is found to have been operated on liquid fuel.

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Therefore, where applicable, we request you to correct your internet site and any other form of product documentation accordingly and, in particular, clarify that our natural gas injection valves are suited only for the above described application in natural gas injection systems.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'Tony Sidoti'.

Tony Sidoti,  
Product Manager  
Automotive Aftermarket

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