

STAG **500** *DUAL INJECTION SYSTEM* **DIS**

Pioneer dual injection system for autogas

STAG[®]
autogas systems

Revolutionary autogas system concept

STAG 500 DIS concept differs completely from the autogas systems used previously by STAG and other producers. Innovative, patented AC solution is a response to the automotive industry demand and to new solutions present in the industry. Currently, direct injection engines are gaining an increasing market share. In the future they will be the only technology for supplying petrol engines. The developed STAG 500 DIS system is a perfect solution for direct injection engines, however, it can be „transformed“ to fit other engines as well – the latest products in the automotive industry. Currently, a growing number of car manufacturers are producing engines supplied directly and indirectly at the same time, challenging autogas system producers.

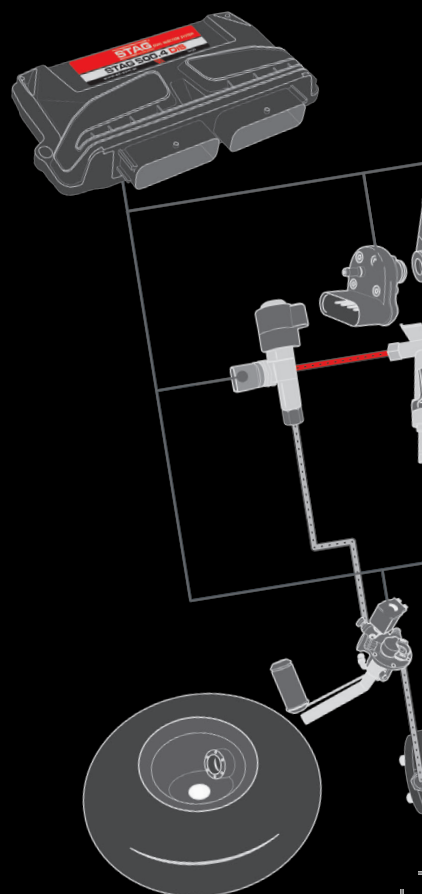
STAG 500 DIS is currently the only solution in the world to support such solutions, thus making STAG the industry leader in the scope of autogas systems meeting all requirements of the automotive industry.



2 supply phases



**installer
-friendly system**



Innovative solutions

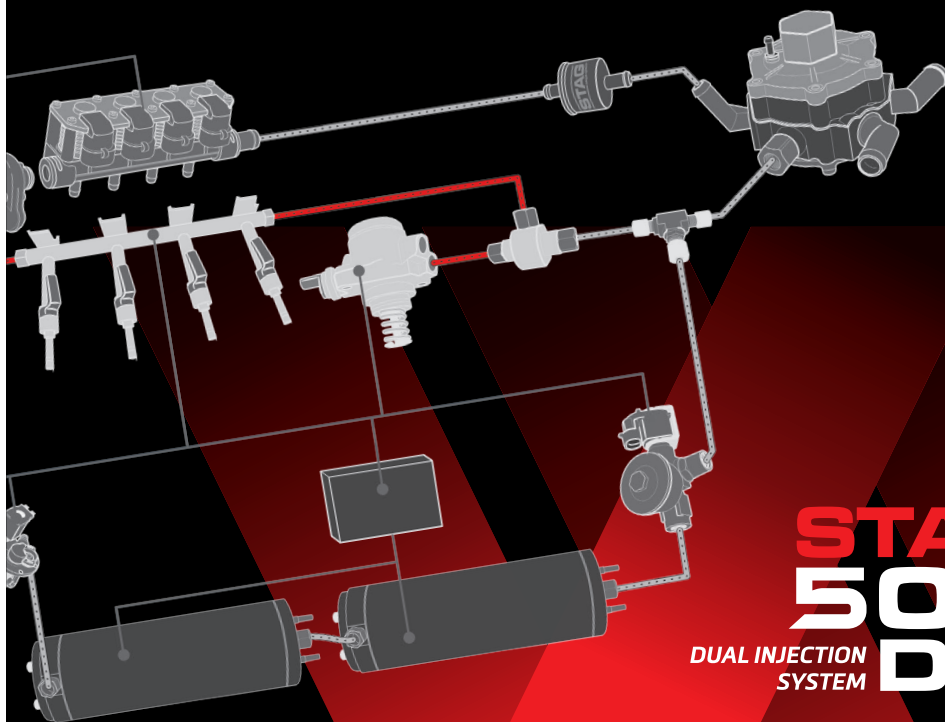
Two supply phases

The system is characterised by operation with 100% autogas supply – without petrol. Gas is injected in two phases simultaneously (liquid and vaporised) in order to eliminate typical drawbacks of the 6th generation. It is also ready for cars with petrol dual-injection system.

Installer-friendly system

The installation method is very simple, the calibration is performed in the same way as with 4th generation systems: no need for HP pump modification, standard installation components such as thermoplastic hoses, a reducer, injectors, solenoid valves, a tank.

Pioneer dual autogas injection system for direct injection engines



STAG 500 DIS benefits:

- universal autogas system – easy installation,
- HP petrol pump does not require modification,
- simple system configuration – similar to STAG Q-generation (multiplier),
- no petrol injectors emulation (lower possibility of errors)
- supporting the latest dual-injector engines (multi+direct),
- easy servicing – external pumps
- using standard autogas system components: a reducer, injectors, solenoid valves, a steel CNG pipe (a notch in the pump), a traditional LPG tank, thermoplastic hoses.

STAG 500 DIS – an autogas system developed in response to increasing demands of the automotive industry. Revolutionary despite its simplicity, it meets the requirements of the most advanced and state-of-the-art cars.

7 GENERACJA
systemy autogaz



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