

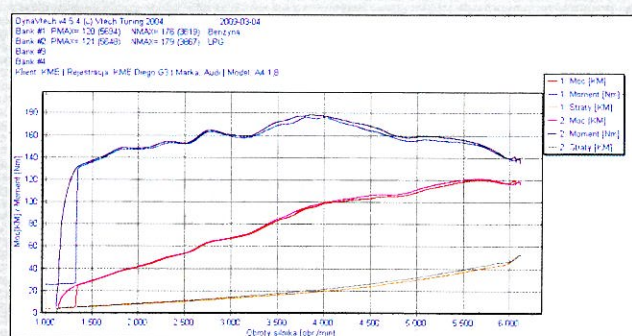


autogas systems



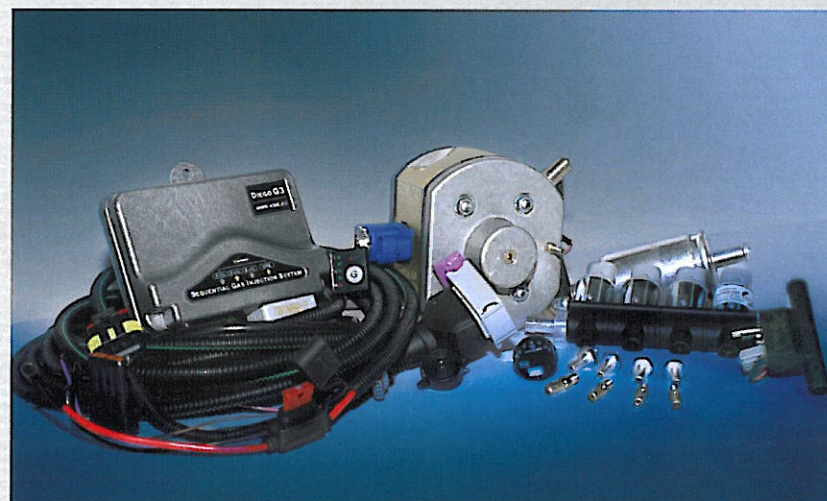
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Diego G3 is available in 4-, 6- and 8-channel versions for 3-, 4-, 5-, 6- and 8-cylinder engines. There are also versions available for American cars, Hemi type engines, and systems suitable for 10-, 12-, 14- and 16-cylinder engines.



Power and torque measurements with chassis-dynamometer

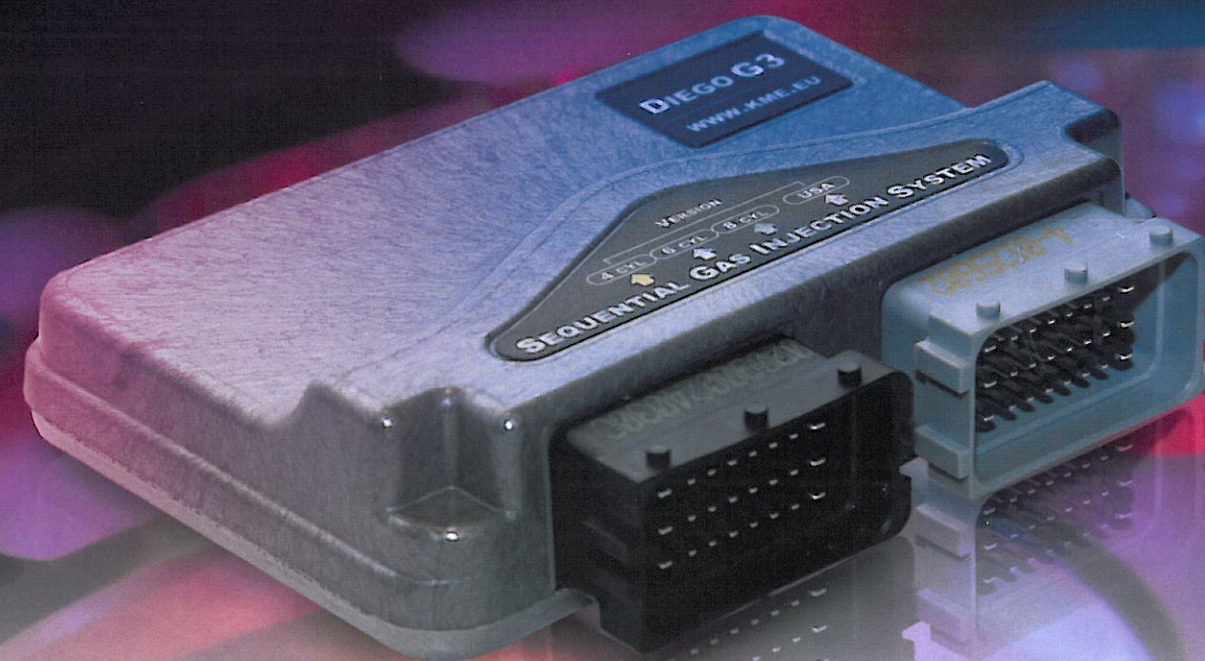
The **Diego** system is provided with the KME pressure reducer and various types of gas injectors. The kit also includes: control panel, special wire harnesses, liquid and gaseous phase filters, all necessary sensors, small installation elements, assembly instructions and user guide.



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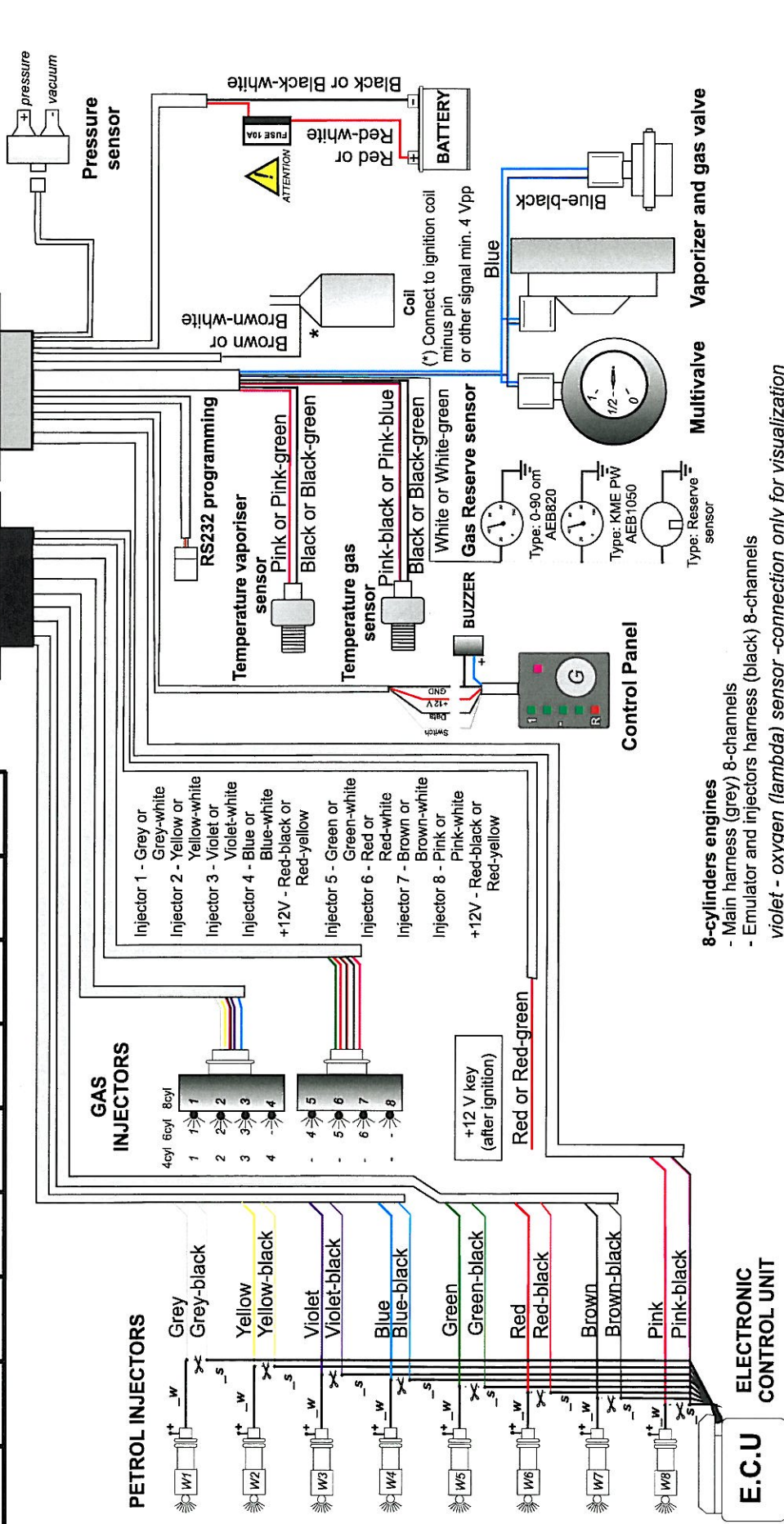
LPG and CNG
sequential injection system -
Diego G3

It is reliable

Connection guide for gas control unit

8	7	6	5	4	3	2	1	BLACK
InjPetro15s	InjPetro15w	InjPetro16s	InjPetro16w	InjPetro17s	InjPetro17w	InjGAS8	+12Vkey	A
InjPetro13s	InjPetro13w	InjPetro14s	InjPetro14w	InjGAS5	InjGAS6	InjGAS7	+12VinjGas	B
InjPetro11s	InjPetro11w	InjPetro12s	InjPetro12w	InjGAS1	InjGAS2	InjGAS3	InjGAS4	C

8	7	6	5	4	3	2	1	GREY
+12VBat	InjPetro18w	T_Red	T_Gas	Lambda	Reserve	RPM	GND	A
+12Vvalve	InjPetro18s	TX	+12Vt	+12Vt	Switch	Vacuum	+5Vsens	B
GNDBat	GND	RX	GND	GND	Data	Pressure	GND	C



LPG and CNG Sequential injection system *Diego G3*

Vaporized LPG/CNG sequential injection system with the *Diego G3* controller has been designed for use in vehicles with advanced petrol diagnostic systems (OBD II/EOBD) - with a catalytic converter and Lambda sensors and it fulfills fuel emission standards (EURO III/IV/V).

The Akme system can be adapted to match any type of multi-point, indirect fuel injection engine, whether it is sequential, semi-sequential or "fullgroup". The use of a very fast controller made it possible to precisely and quickly control the gas-air mixture - hence, there is virtually no difference between running on petrol and on LPG/CNG. **There is no power loss or a change in engine effectiveness.**

Vaporized gas is supplied right before the valves - as in petrol systems, which eliminates a threat of flash-back explosions, the so-called "backfires".

Diego G3 gas controller enables an easy calibration of the system during a road test - no need to use a chassis dynamometer.

The controller has a built-in self-diagnostics and gas system diagnostics mechanism.

The use of special PC software makes it possible to automatically calibrate the system in order to adjust it to a given vehicle. The installer can also manually alter various parameters and track current results.

The system is easy to install for the garage and almost invisible for the client due to its auto switch function. If there is no gas in the tank, the system automatically switches to petrol, which is signalled with a sound.

The user can switch between petrol and gas and track the indications of the gas level sensor using a small control panel (so called "switch").



It is reliable