

V-LUBE LPG VALVE SAVER

As opposed to petrol-powered engines, in engines powered with LPG the gas is introduced into the combustion chamber in a "dry" form. In such cases, the protective features of petrol are not taking on any effect at all. This results in an increased load put on the valves as well as the valve seats.

V-LUBE LPG VALVE SAVER is the next stage in the technological development of the valve protection additives available on the market and developed especially for LPG-powered engines.

V-LUBE LPG VALVE SAVER creates a protective layer that effectively minimizes the wear of the valves and the valve seats.

V-LUBE LPG VALVE SAVER prevents in a perfect way typical problems encountered in LPG and CNG-powered cars and offers optimum protection at a reasonable price.

The additive is introduced with the help of a dosing system (lubrication kit) in a ratio of 1:1000 (10ml of additive per 10l of petrol). The ratio depends on the vehicle-specific fuel consumption. V-LUBE LPG VALVE SAVER protects the engine even for up to 10000km.

V-LUBE LPG VALVE SAVER in a nutshell:

- protects the valves as well as the valve seats of the LPG-powered engines
- cleans the gas injectors
- extends the life-span of the engine
- optimum protection at a reasonable price
- developed especially for LPG-powered cars
- compatible with all of the dosing systems available on the market
- product quality tested by TUV
- effectiveness confirmed by independent studies

OPTIMUM DOSING ELECTRONIC VALVE PROTECTOR

How does the Valve- Protector work?

The system consists of a container with the additive and a pump, both of which are controlled by a fully programmable control unit. Valve Protector V-Lube Edition injects the additive via a butterfly valve positioned on the gas hoses ahead of the injectors. The major benefit of the system is the intentional mixing of the additive fluid with gas before it is being led into the combustion chamber. Through its mixing with gas, the additive is delivered to particular cylinders by means of gas injectors, where the harshest and most demanding conditions in the entire LPG installation exist.

In order to calculate the appropriate amount of protective liquid, the system uses the injection times of the gas injectors. The main purpose of it is to attain the dosing fully interdependent from fuel consumption.

The V-Lube liquid container is equipped with a liquid level sensor which is synchronized with the control switch signalling when the container needs to be refilled. You may also deactivate the LPG installation in case of an empty container.

The systems are sold as complete, ready-to-install kits in 4 different configurations, depending on the offer. Thanks to their compact design, the systems are easy to install and very user-friendly.



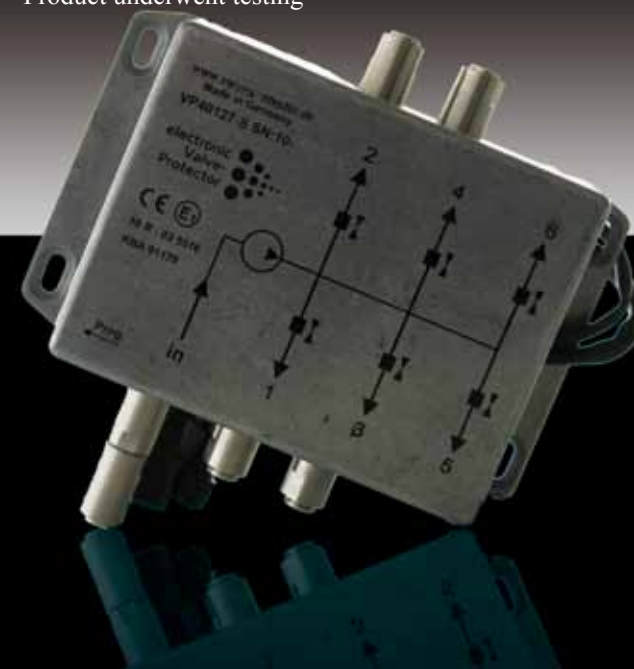
Software

The appropriate amount of the liquid is being readjusted at regular intervals in accordance with the needs of the specific car by means of a free software tool and a notebook. The viscosity parameters are already entered in the V-LUBE EDITION by default.

The software also includes a data base of vehicles which allows for the saving of parameter templates for a number of cars to have them ready when needed.

Comments

- Protective liquid is injected only when needed
- No possibility of under- or overdosing
- Dosing dependent on fuel consumption
- LED display allows for the control of the liquid in the container
- Error checking, auto-diagnosis
- Option of emergency shut-down of the LPG installation in case of an empty container
- Easy installation thanks to stick-in hoses
- System can be regulated
- All of the gaskets are made of high quality Viton fluoroelastomers.
- KBA permit (Federal Motor Transport Authority)
- Also suitable for turbo-charged cars
- Product underwent testing



SEQUENTIAL DOSING SYSTEM

Cars equipped with a direct gas injection system and those with LPG installations that are not suitable for any additive dosing system, but you can use the Valve- Protector Sequential.

The liquid is delivered either via the butterfly valve in the gas hoses and the gas injectors or through the nozzles installed directly in the manifold.

STORE LOCATOR

To find a distributor near you please visit us at:

www.v-lube.com

