

USER MANUAL

FUEL BURNING OPTIMIZER K2

The optimizer is meant to influence fuel so as to improve its burning properties. It has been tested and works well on combustion engines up to 5000cm³, working on petrol, diesel or LPG. For larger engines /trucks and buses/ it is recommended that two optimizers are placed having 5-10cm space between them. On diesel engines the vehicle should have a close loop system /oxygen sensor, computer etc/. The K2 optimizer is durable on temperatures up to 150 degrees Celsius and could be placed near the engine or on plastic/ cooper fuel pipe under the vehicle.

EFFECT

The K2 model is more advanced than the original K1 model. With a similar driving style you will achieve up to 3-4% more fuel economy than the previous model K1, ranging from 18 to 25% depending on the age of the vehicle, the size of the engine and the technical condition of the car. When traveling outside of town up to 32% fuel economy is observed on LPG systems. In urban driving conditions lower economy is achieved but usually at least 15%. The device significantly reduces the harmful fuel emissions. The known theoretical explanation of the K2 effect is due to its properties to change the fuel structure so as to provide its better burning. This is well known by the specialists but on the optimizers of the K series /in the process of patenting/ new principles are used and that way even higher results of optimization of the fuel burning process are achieved.

INSTALLATION

The installation is easy and safe, the device should be placed on the outside part of the fuel pipe and does not change the construction of the vehicle in any way. On the K2 model the placement is on the fuel pipe through which the fuel enters the engine, putting the two parts of the optimizer on its sides and tightening them using the attached plastic strings.

The optimizer is designed to be used on rubber fuel pipes for petrol and diesel with a diameter of 14-16mm. On LPG systems the proper installation is on the liquid phase, before the evaporator. It is possible to install K2 in the trunk next to the LPG bottle or below the vehicle on a suitable place. It is not recommended that you place K2 on **metal fuel pipes for petrol and diesel, rubber ones with a metal braid or on plastic ones for LPG**. Due to the smaller diameter of the LPG fuel pipes compared to the standard ones, you will find 2 elements with diameters of 8 and 10mm /16mm on the outside/ used for tightening which should be placed on the fuel pipe. **The contact between the LPG pipe and the optimizer should be tight.**

If you do not have enough experience in combustion engines, please use the services of a professional garage.

IMPORTANT!

The following conditions should be met for the optimizer to work properly:

1. **The device should be placed on the fuel pipe leading to the engine /not on the one for the returning fuel to the tank – on petrol and diesel engines/**
2. **The arrows should point in the direction of the fuel movement!**
3. **On LPG the optimal overtake is 6 degrees on low and 15 degrees on high RPM. The setting is done best using a Timing Advance Processor /TAP/.**
4. After the initial installation it is necessary to pass 120-150km **only on the first time or to have 50-60 minutes of engine work** so as to achieve the full effect of the device.

The optimizer does not require maintenance and it may be put on and off on different vehicles when the conditions pointed earlier are met.

GUARANTEE SHEET

The producer “Caduceus Bulgaria” LTD guarantees **an unconditional full refund** in return of K2. The refund is valid up to 30 days from the purchase, if the optimizer is not damaged or broken. This happens only when this guarantee sheet is filled and presented by the customer.

You receive 5 years full guarantee on the optimizer. The guarantee is not valid if the construction is damaged not because of a manufacturing error but because of the customer (disassembly, fire, car crash, unauthorized repair, etc).

SELLER:

„Caduceus Bulgaria” LTD

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Date:

Manager:

/ A. Asenov/

CUSTOMER:

Name, Surname, Last name:

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Address:

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Vehicle details /size of the engine, type of fuel, age, kilometers passed before the installation of K2

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Reason of the refund request:

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Kilometers passed after the K2 installation:

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Where the installation is done /by yourself, in a workshop – name and address of the workshop/

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Date of the refund request:

Customer signature: