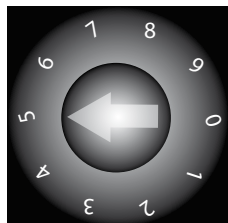


SETTING THE TREAT RATE

Fill the Flashlube reservoir with 400 ml of Valve Saver Fluid (do not overfill) and replace the filler cap.

The dose rates are pre-set based on vehicle engine capacity. Set the dial on the ECU to;



Dial	Horse Power	Kilowatt
1	50	38
2	100	77
3	150	115
4	200	154
5	250	192
6	300	231
7	350	269
8	400	308
9	450	346

Concentrate on getting a minimum ratio of 1 millilitre of Valve Saver Fluid per 1 litre of fuel. The easiest way to do this is each time you top up your fuel tank, take note of how many litres you have put in. Then check the Valve Saver Fluid reservoir to see how many millilitres of fluid has been used.

The figure should be the same, i.e. if you put in 50 litres of fuel, you should have used 50 ml of Valve Saver Fluid. If not using correct ratio, adjust ECU dial up (for more fluid) or down (for less fluid) one point accordingly.

COMPONENT CHECKLIST

- 1 x Lubricant reservoir assembly
- 1 x ECU & wiring loom
- 1 x LED with wires
- 1 x Installation kit – (screws, ties etc)
- 1 x Instruction DVD & brochure pack
- 1 x 500ml bottle Flashlube Valve Saver Fluid

HAVING PROBLEMS

Consult the manual, or a qualified technician for advice or to complete the installation.

Flashlube Valve Saver Fluid refill packs are available in 50ml, 250ml, 500ml, 1 litre, 2.5 litre, 5 litre, & 20 litre sizes.



OTHER PRODUCTS IN THE FLASHLUBE RANGE:

- Diesel Conditioner
- Injector Cleaner
- Oil Stabiliser
- Winter Fuel Formula

Flashlube is recognized as a world leader in its field, sold in more than 60 countries around the world. Our unique formulations ensure Flashlube leads the way in the fuel additives market.



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ELECTRONIC
VALVE SAVER KIT

INSTALLATION
INSTRUCTIONS





ELECTRONIC VALVE SAVER KIT



GENERAL INSTALLATION

This Flashlube Electronic Valve Saver Kit is only suitable for vehicles with sequential LPG / CNG systems.

Disconnect the battery / power source / before starting electrical work

If in doubt about any of the instructions, seek the advice of, or have the unit installed by a qualified technician.

INSTALLATION

Locate a suitable position in the engine bay to attach the lubricant reservoir and the ECU. Must be away from areas of extreme heat. Ensure the reservoir is mounted no higher than the lubricant inlet port into the engine in order to eliminate the possibility of siphoning.

Remove the lubricant reservoir from the cradle.

Mount the cradle in a vertical position using the two self-tapping screws. Fit ECU to a suitable location within 300mm of bottle and connect large green plug to pump and a small one to low level sensor plug.

Connect black wire to Earth.

Connect white wire to switching side of LPG injector. - check both sides of injector with test light, one side of the injector will be switching on & off during engine cranking – connect white wire to this side.

Connect red wire to LPG solenoid valve so power is supplied only when the engine is running on LPG

Install Low Level warning LED on dash, drill 7mm diameter hole in suitable location, insert LED into dash, place Flashlube sticker on the clean dry surface over front of LED.

Feed connecting wires back through the firewall, trim to length and connect to corresponding LED wires from loom.

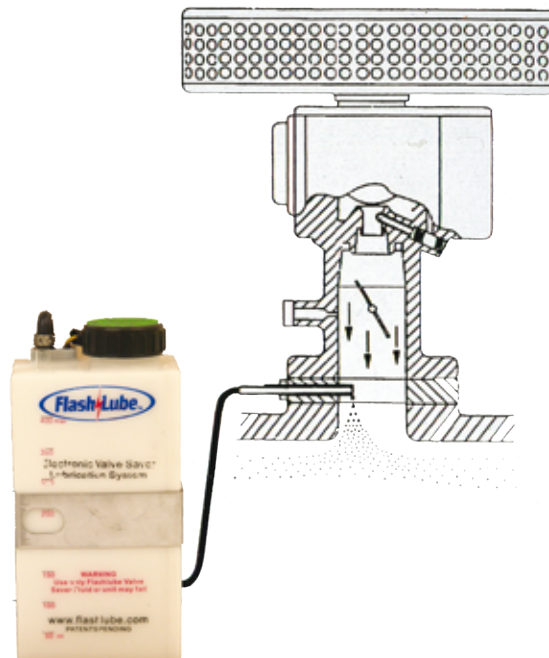
Switch on the power source to check if the LED is working properly. The reservoir is empty, so the warning LED should be on. Switch off the power source again.

CARBURETOR ENGINES

For the best performance the inlet port for the Flashlube system should be located below the butterfly valve of the carburetor as shown in the diagram (below)

Then drill a 3.6mm hole into either the spacer block beneath the carburetor, or directly into the inlet manifold. Screw the self tapping connector into the hole.

Please note: we recommend that a suitable sealant be applied to the threaded connector to eliminate the possibility of a vacuum leak. Connect the fluid feeder hose from the bottle to the connector.



• Flashlube Valve Saver System – Carburetor Engine

FUEL INJECTED ENGINE

For maximum performance the inlet port for the Flashlube system should be between the butterfly valve and inlet manifold. 50mm to 100mm away from the butterfly valve towards the inlet manifold should provide good mixing with the air/ fuel stream. Drill and insert the supplied 3.6mm self tapping connector, as described for carburetor engines.



• Flashlube Valve Saver System
- Fuel Injected Engine

PLEASE NOTE

This unit contains a very fine micronite lubricant filter for maintenance free operation. Due to the purity of the Valve Saver Fluid other brands of lubricants will be unsuitable in this unit. They may not mix or vaporize properly in the air / fuel stream, and will block the micronite filter.

Using products other than Flashlube in the kit may lead to engine damage, and will void the warranty.

WARRANTY

Flashlube warrants that the Flashlube lubrication kit will be free from defects in material and workmanship for a period of three (3) years. The warranty is void if you use any other product(s) than Flashlube Valve Saver Fluid. Flashlube does not assume liability for installation, labour or consequential damages.