

Direct Injection Valve Cleaner

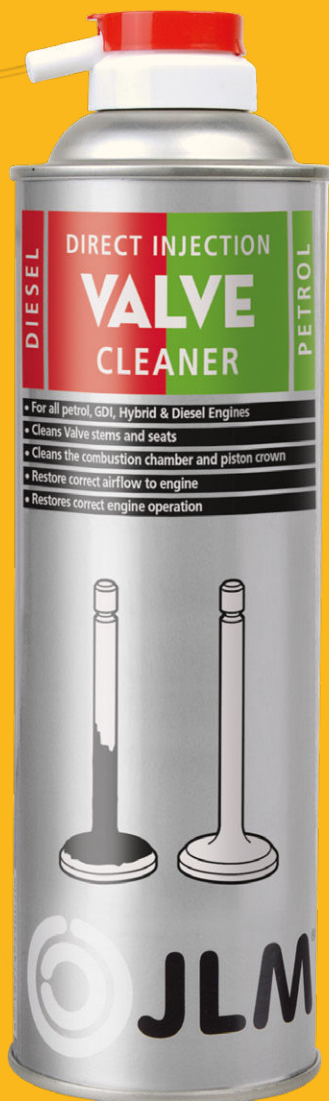
500ml

JLM Lubricants' Direct Injection Valve Cleaner is a powerful remover of stubborn carbon-based deposits that accumulate within engine combustion chambers and behind valves, especially. This situation is prevalent on direct-injected petrol (GDI) and hybrids, but it also afflicts diesel models, which robs the engine of power, efficiency and reliability.

It is an essential part of a multi-pronged attack on removing harmful carbon deposits that afflict modern engines. It should be used alongside JLM's GDI Injector cleaner fuel additive (for petrol engines only) and the JLM EGR and air intake cleaner aerosol (both petrol and diesels) for best results.

The easy to use aerosol contains dedicated cleaning surfactants to dislodge and remove baked-on carbon more effectively than alternative products that rely on solvents alone. As the cleansing solution passes into the engine, JLM's formulation is also gentler when combusted and is harmless to particulate filters and catalytic converters.

JLM's Direct Injection Valve Cleaner cleans not just the valves but also the complete combustion chamber. The result is enhanced engine efficiency and reduced exhaust emissions, notably carbon monoxide (CO) and hydrocarbons (HC), a benefit of which is improved cold-start performance.



Benefits

- For all petrol, GDI, hybrid & diesel engines
- Cleans valve stems and seats
- Cleans the combustion chamber and piston crown
- Restores correct airflow to engine
- Restores correct engine operation

How to use:

This product is intended for professional use only!

JLM has designed its Direct Injection Valve Cleaner for ease of use. Instead of requiring direct access to the cylinder-head inlet tracts, the product enters the air intake of a warm running engine, thus avoiding extensive dismantling. Shake the aerosol for at least two minutes and direct the spray into the intake in small bursts not exceeding three seconds. Never allow the cleaner to pass through the intercooler, or enter any corrugated/convoluted rubber pipes, which can cause pools to accumulate. When you have decided the best access point for the engine on which you are working, proceed as follows:

1. Start the engine, ensure it is to its normal running temperature and run it at idle speed.
2. Spray the product in short intervals of up to three seconds into the intake manifold. The engine speed may increase, or decrease, with each application. Allow the engine revolutions to stabilise before spraying again.
3. Should the engine speed increase, or you notice knock/pinking/pinging, cease spraying and allow the engine to return to idle. Do not depress the accelerator.
4. With half of the aerosol content used, allow the engine to idle for a further two minutes before continuing.
5. When the aerosol is depleted, allow the engine to idle for a further two minutes.
6. Stop the engine and reassemble the intake system.
7. Start the engine again and accelerate it to 2,500rpm briefly and allow it to idle again. Repeat ten times. Alternatively, embark on a short drive of between 5-8 kms (3-5 miles).
8. Before stopping the engine, allow it to idle again for at least one minute.
9. JLM's Direct Injection Valve Cleaner should be used in a well-ventilated area; both gloves and eye protection are necessary.

SCAN FOR MORE INFO:



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Product information

Art. Nr: J03190

Barcode: 8718274351729

HS code: 38249992

Ufi Code: 4VT8-508H-400Q-USDE determined.

Pack Size: 500ml

Quantity in box: 12

Weight full box: 6.6 kg

Boiling point: -44.5 °C

Flash point: -97 °C

Density at 20 °C: Not

determined.

Colour: Colourless

Odour: Ammonia-like

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