

## Cleaning the throttle valve, air inlet and EGR valve



### Irritating covering

The throttle valve and air inlet of modern gasoline engines are frequently covered in heavy contamination (see picture).

### Results:

- Loss of performance
- Sputtering, rough engine running
- High gasoline consumption
- Starting problems
- Jolting when idle

### Cause:

Deposits reduce the size of the air inlet, interfere with the EGR valve, clog up the bypass for idling and irritate the volume air flow meter.

### Get this dirt out of here

It often takes a considerable amount of time to remove this enamel-like or carbon-like contamination. Usually the throttle valve housing has to be dismantled and cleaned manually. Which means just one thing: scrubbing with a toothbrush. Then the whole part has to be refitted and the electronic system readjusted. It is not uncommon for a new (more expensive) part to have to be installed instead. That costs money.

### It doesn't have to be that way – thanks to the LM throttle valve cleaner

Remove the air filter and just spray the dirt away. The long spray probe of the throttle valve cleaner makes it possible to thoroughly spray the control flap, the housing and the entire flow passage. Just leave to work in for 2 to 3 minutes, then start the engine up and press the throttle fully a few times. Don't forget suction at the exhaust. Then respray several times with the engine running at a higher speed. Done.

**The engine will run smoothly, economically and trouble-free again. A profitable and highly professional solution to the problem.**



Throttle valve cleaner  
400 ml spray can  
Part no. 5111