



Never use compressed air to clean air mass sensors!

Cleaning may cause damage

Vehicle	Product: air mass sensor
all vehicles provided with PIERBURG air mass sensors	PIERBURG No. 7.18221.51.0/.58.0; 7.22184.04.034.0/.50.0; 7.22684.07.010.0; 7.22701.04.0/.05.0; 7.28342.06.0/.07.0

To enable air mass sensors to measure with the required precision, the measuring sensors themselves must be extremely thin. This makes them sensitive to mechanical damage.

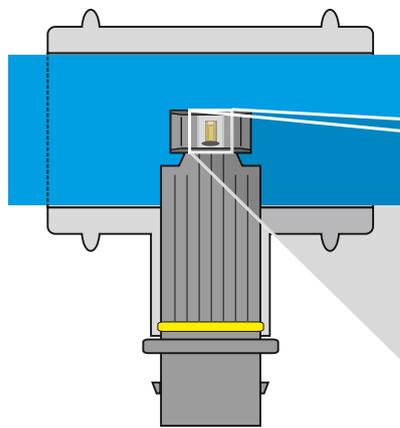
For this reason, air mass sensors should never be cleaned using compressed air. The hot-film sensor may be destroyed.

We also strongly advise against using the cleaning sprays which are increasingly available on the market:

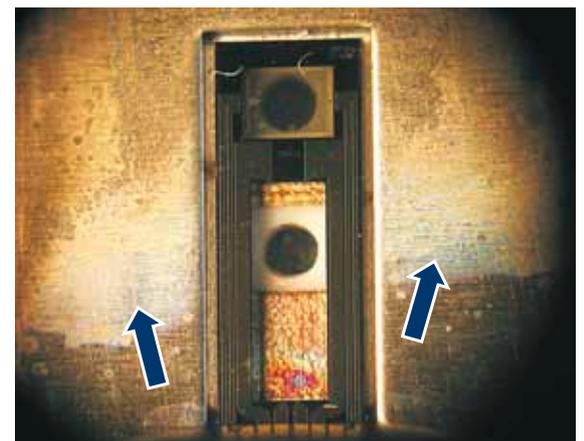
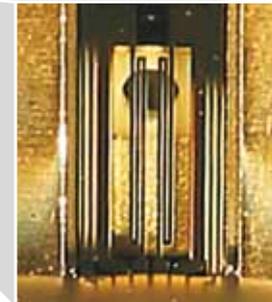
If an air mass sensor is already defective, no improvement will be achieved by cleaning it.

And if fully functional air mass sensors are treated in this way, the cleaning spray may damage the interior of the air mass sensor as well as the electronics in the component.

To ensure reliable functions, we recommend installing a new air mass sensor.



The measuring sensor of an air mass sensor under the microscope.



The consequences of cleaning with compressed air

Left: The film to which the sensor elements are applied has been downright "bombarded" by particles.

Right: In this case, there is hardly any film left. The sensor looks "sandblasted" (see arrows).

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