



Refueling: The advantage of modern lambda sensors becomes obvious

### Innovative technology saves lots of money

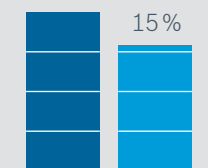
Modern Bosch lambda sensors ensure the right mixture of fuel and air when driving the car. The engine therefore runs outstandingly efficient.

### Proper measuring ensures low emissions

For the exhaust treatment to work out perfectly, the lambda sensors must provide current and reliable measured values. Only then the three-way catalytic converter will be able to reduce exhaust emissions by up to 99 %.

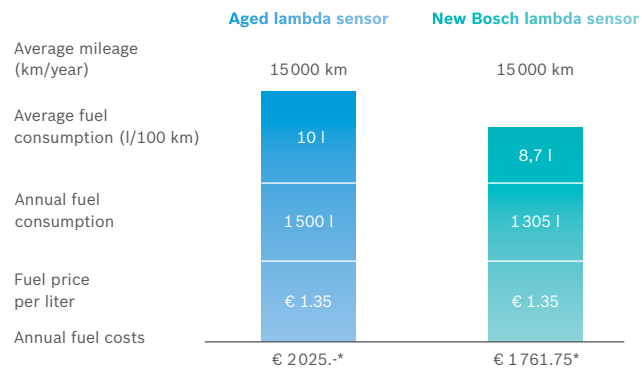
**The outcome: Thanks to this performance even the strictest emission limit values can be met.**

**Nowadays:** Modern Bosch lambda sensors help saving fuel. They control the engine efficiently and ensure optimal performance concomitant with lowered fuel consumption – by up to 15 %.



## Save money with new lambda sensors

### Less visits to the gas station



\* Shown example: Annual savings of EUR 263,25 (Bosch analysis based on a mileage of 15000 km at average driving behavior)

Learn more at:  
[www.bosch-automotive-aftermarket.com](http://www.bosch-automotive-aftermarket.com)

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# Bosch lambda sensors

For the sake of a clean environment,  
have your lambda sensors checked more often

AA-TR/PAG 2018/06



[bosch-lambdasonde.de](http://bosch-lambdasonde.de)

## Small sensor with big impact: Bosch lambda sensor



Bosch lambda sensors control the catalytic converter in such a manner as to reduce the CO<sub>2</sub> emissions significantly.

### No lambda sensor, no catalytic converter

In 1976, the first lambda sensor was launched as original equipment of a series-produced vehicle. The emission values thus achieved did not only fall below the applicable emission regulations, they would even comply with even more stringent future regulations. By now – more than 40 years later – hardly any other vehicle component stands for “clean driving” as lambda sensors do. It is practically impossible to imagine today’s motor vehicles without it. After all, lambda sensors first allowed the application of three-way catalytic converters – and thus the compliance with modern emission standards.

### Bosch: 1<sup>st</sup> choice in terms of lambda sensors

As inventor and major producer of lambda sensors, Bosch guarantees the application of innovative materials and processes during manufacturing. Bosch lambda sensors are optimized to be breaking and thermal shock resistant as well as 100 % functions tested.

### Bosch lambda sensors have prevailed for their

- ▶ very long service life
- ▶ perfect functionality
- ▶ being optimally matched to the respective engine

## Lambda-sensor maintenance – simply safer

### Regular checking and replacement is well worth it

Optimum functionality of lambda sensors is a prerequisite for reliable engine performance. Combustion of soiled fuel and oil residues can reduce their service life significantly.

### Safety first: stick to inspection and replacement intervals

Reduced effort, great benefit: Have your workshop check the lambda sensor during each and every maintenance task – regularly every 30 000 km. If aging is detected have your lambda sensor(s) replaced.

### There are good reasons for you as a car driver to rely on properly functioning Bosch lambda sensors:

- ▶ Reduction of fuel consumption by up to 15 %
- ▶ Avoidance of expensive catalytic converter damages
- ▶ Adherence to strict exhaust emission standards
- ▶ Improved driving performance



## Advantages of Bosch Lambda sensors at a glance:

- ▶ From the inventor of the lambda sensor. Within the wide Bosch range of lambda sensors there is the right lambda sensor for about 85 % of all vehicles – including diesel and gas-driven vehicles. In Bosch quality, of course.
- ▶ Due to constant further development Bosch lambda sensors are always state-of-the-art.
- ▶ Bosch lambda sensors are delivered to your workshop as ready-to-install unit – saving time and money.
- ▶ Since lambda sensors were first invented in 1976, Bosch produced one billion of them.

## Better check every 30 000 km



### Good reasons for increased safety

Lambda sensors are wearing parts:

**It's worth checking them!**

Worsened cold start?

**Could be due to the lambda sensor!**

Your car runs so-so?

**Improve fitness with vitamin L!**

You got used to an aged sensor.

**Your engine, as well!**

Replacing the lambda sensors is no big deal,  
**a damaged catalytic converter is!**

For ongoing great performance:

**Bosch lambda sensors!**