



# TIP febi 102014



to fit:  
Volvo FH (G4), FM (G4)

Repl. no. 22035664



EN

## An important component for reducing pollutant emissions - Exhaust gas temperature sensor from febi bilstein

Since the introduction of the pollutant class Euro IV, exhaust gas temperature sensors have been an indispensable element in the exhaust line. Through their help, optimum quantities of fuel are injected in the injection system at the right time. In addition, they protect the surrounding components from overheating in the vicinity of the hot exhaust stream and establish that the necessary temperature is achieved for clean combustion in the particle filter.

The exhaust gas temperature that is detected is converted into a voltage signal by the sensors and passed on to the engine management unit. Through this information, the post-injection can be controlled in accordance with the requirements, thereby effectively reducing exhaust emissions.

A failure in the sensor is often caused by strong vibrations, causing the internal wires to break. Excessive exhaust temperatures can, in turn, influence the resistance values of the thermistor.

Usually, a sensor defect only becomes apparent when the motor control light comes on. Possible consequences include fluctuating combustion temperatures which extend the regeneration time of the diesel particulate filter and increase the fuel consumption. The original pollutant class is no longer achieved and a workshop should be called as soon as possible.

Exhaust gas temperature sensors from febi bilstein are characterised by a rust-free protective cover and high-quality platinum wires.

With 17 exhaust gas temperature sensors, febi offers original equipment quality for the independent aftermarket

The complete range of spare parts is available at: [www.trucks.febi-parts.com](http://www.trucks.febi-parts.com)