

**To fit:**Mercedes-Benz Trucks Actros II+III, Arocs, Atego I+II,
Axor I+II, Econic, Unimog, Zetros

Repl. no. 009 153 36 28



EN

A clean solution NOx sensors from febi

In order to meet the high requirements of the current emission standards, the proportion of harmful nitrogen oxides in the exhaust gas must be reduced. The chemical process for reducing nitrogen oxides is called selective catalytic reduction (SCR).

To monitor the reduction process, current vehicles are equipped with either one NOx sensor (nitrogen oxide sensor) downstream of the SCR catalytic converter or two NOx sensors, one upstream and one downstream of the SCR catalytic converter. They monitor the function and effectiveness of the SCR system by measuring the nitrogen and oxygen concentration in the exhaust gas. The data from the NOx sensors is also used to calculate the amount of AdBlue® required for an optimal reduction process.

NOx sensors have a limited lifetime. Due to ageing of the materials in the sensor, the reliability of the measurements decreases after a certain time and the driver receives an error message. Avoid any mechanical shock to the sensor, as essential components of the sensor are made of sensitive ceramics. Sensors that have fallen down must not be installed again. Avoid getting dust, liquids or other dirt on the sensor and do not attempt to clean the sensor mechanically, chemically or with compressed air. This will damage the sensor.

In addition to NOx sensors, febi also offers many other spare parts for SCR systems, such as AdBlue® fluid, the corresponding filters and tank caps, metering modules and exhaust gas temperature sensors.

The entire range of parts for SCR systems can be found at: partsfinder.bilsteingroup.com