



NOx & PARTICLE SENSOR SERVICE SET

INSTALLED IN THE EXHAUST SYSTEM OF
PASSENGER CARS / VANS & TRUCKS



NOx & PARTICLE SENSOR SERVICE SET



PATENTED

For disassembly & assembly of NOx & particulate sensors, cleaning and renewal of the retaining thread in the exhaust system.

Unscrewing these sensors (22 mm & 24 mm), installed in cars, vans and trucks, can cause enormous problems.

The hexagon of the sensor and/or the fastening thread in the exhaust system is often damaged when unscrewing these sensors. This results in high consequential costs, e.g. by replacing the relevant component of the exhaust system in which the sensor is mounted.

This special tool ensures the unscrewing of the sensor, the thread tightening as well as the possible insertion of a new threaded bushing through the following work steps:

■ DUO sensor socket

for loosening the sensor by means of a special socket spanner (22 mm or 24 mm), which is in tight and closed contact with the sensor hexagon (Fig. 1+2). Unscrew the sensor with an actuating nut 30 mm or a spanner, which in turn is friction-locked to the socket (Fig. 3). This ensures that the sensor can be loosened without damage.

■ Cleaning and re-tapping

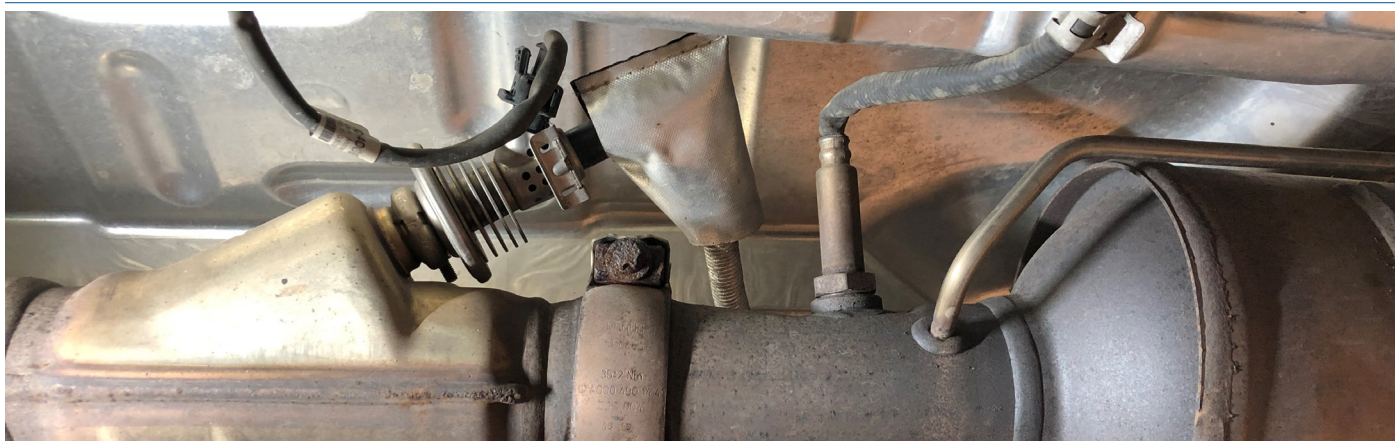
of the sensor mounting thread in the exhaust system (Fig. 4). Two special taps (M20x1.5 & M22x1.5) specially developed for this application enable re-tapping even in the tightest of spaces.

■ Thread renewal

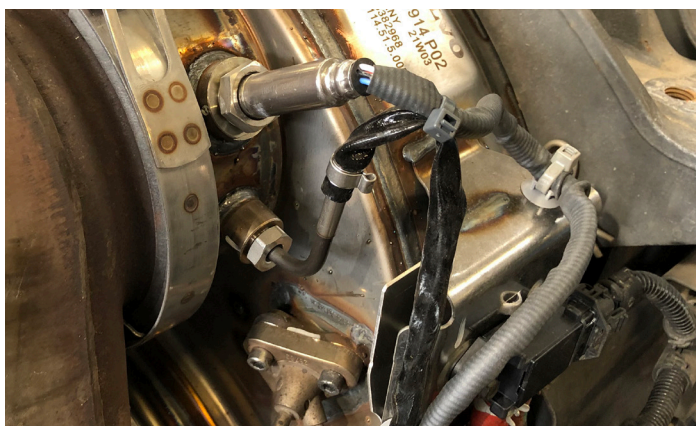
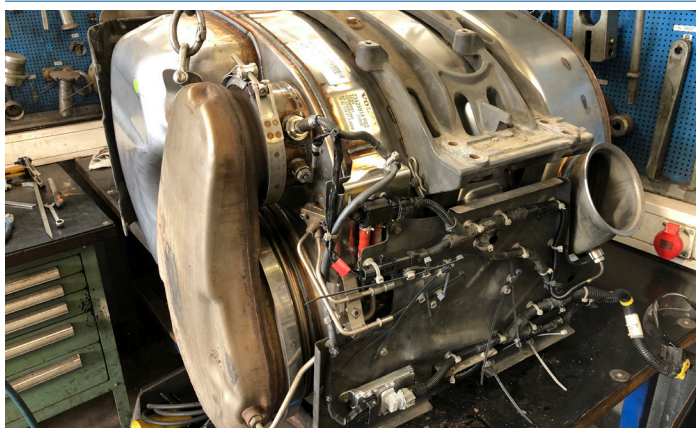
by drilling out the damaged sensor mounting thread by using a concentrically inserted drill guide sleeve and a carbide-tipped core hole drilling device with limited depth stop (Fig. 5). Afterwards, a threaded bushing fixing thread is inserted with a special tap and a new threaded bushing (M20x1.5 or M22x1.5) is screwed in by means of a setting pin (Fig. 6).



NO_x - AND PARTICLE-SENSOR INSTALLED IN THE EXHAUST SYSTEM OF PASSENGER CARS / VANS



NO_x - AND PARTICLE-SENSOR INSTALLED IN THE EXHAUST SYSTEM OF TRUCKS



NOx & PARTICLE SENSOR SERVICE SET, 29 PCS.

- Hex: 22 & 24
- Thread: M20x1.5 & M22x1.5

Consisting of:

- DUO Sensor Wrench 22 & 24 mm
- Thread cleaning and recutting M20x1.5 & M22x1.5
- Thread renewal M20x1.5 & M22x1.5

60525200



NOx SENSOR SERVICE SET, 16 PCS.

- Hex: 22
- Thread: M20x1.5

Consisting of:

- DUO Sensor Wrench 22 mm
- Thread cleaning and recutting M20x1.5
- Thread renewal M20x1.5

60525210

Supplementary set Particle sensor Service Set, 13 pcs. M22x1.5

60525205



PARTICLE SENSOR SERVICE SET, 16 PCS.

- Hex: 24
- Thread: M22x1.5

Consisting of:

- DUO Sensor Wrench 24 mm
- Thread cleaning and recutting M22x1.5
- Thread renewal M22x1.5

60525220

Supplementary set NOx sensor Service Set, 13 pcs. M20x1.5

60525215



Find our application video at the following link:
<https://60525200.pichler.tools/>

PICHLER Werkzeug GmbH

🏠 Pacherstraße 20, 6020 Innsbruck, Österreich
☎ +43 512 344 552
✉ at@pichler.tools

PICHLER Werkzeug GmbH

🏠 Zugspitzstraße 33, 82467 Garmisch-Partenkirchen, Deutschland
☎ +49 8821 686 9780
✉ de@pichler.tools

PICHLER Werkzeug AG

🏠 Rünenbergerstrasse 31, 4460 Gelterkinden, Schweiz
☎ +41 61 981 33 55
✉ ch@pichler.tools

🌐 www.pichler.tools

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