

**Special tools required:**

- [11 7 020](#)

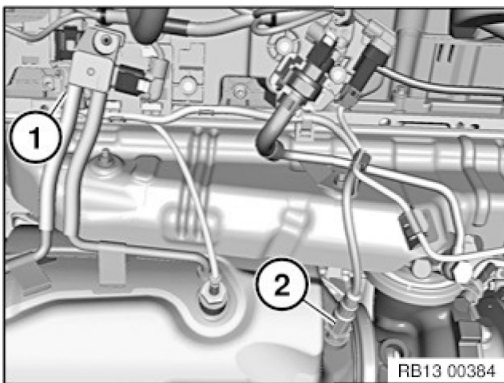
**Necessary preliminary tasks:**

- Read out the fault memory of the DDE control unit.
- Switch off ignition.
- Remove [intake silencer housing](#).

**Warning!**

Risk of burning!

Only perform this repair work on an engine that has cooled down.



Disconnect connector (1) and release from bracket.

Release oxygen sensor cable from clamp.

Remove oxygen sensor (2) with special tool [11 7 020](#) .

Tightening torque [13 62 3AZ](#).

**Installation note:**

Threads of new oxygen sensors are already coated with NEVER-SEEZ compound.

If an oxygen sensor is reused, only apply a thin and uniform coat of Never Seez Compound (refer to BMW Parts Department) to thread.

Oxygen sensor section projecting into exhaust branch must not be cleaned or come into contact with lubricant.

Pay attention to cable routing of oxygen sensors.

[11 7 020](#) Use special tool to tighten down oxygen sensor.

Tightening torque [13 62 3AZ](#).

Cover oxygen sensors when applying underbody protection.

**Installation note:**

Check stored error/fault messages.

Clear diagnostic fault entries from fault memory.

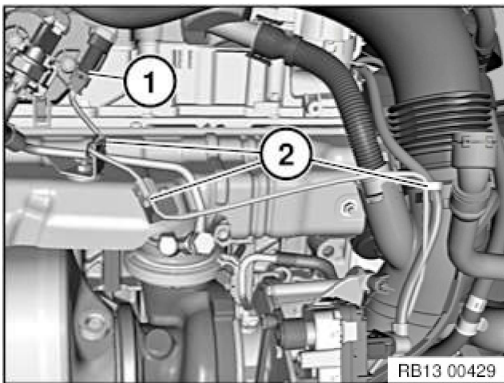
**Necessary preliminary tasks:**

- Read out the fault memory of the DDE control unit.
- Switch off ignition.
- Remove [intake silencer housing](#).
- Remove front [underbody protection](#).

**Warning!**

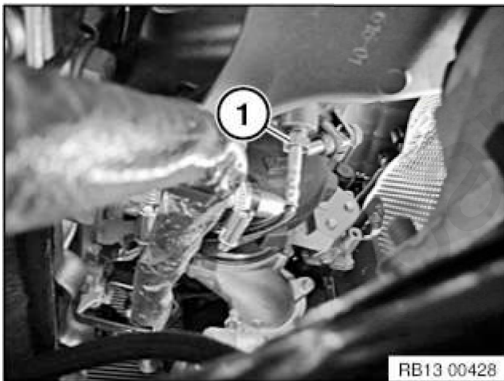
Risk of burning!

Only perform this repair work on an engine that has cooled down.



Unlock connector (1) and remove.

Disengage the cable from the clamps (2).



Release exhaust-gas temperature sensor (1) and remove.

Tightening torque [13 62 4AZ](#).

**Important!**

When installing the exhaust-gas temperature sensor make sure that the gauge tip (1) is not damaged.



Installation note:

Check stored error/fault messages.

Clear diagnostic fault entries from fault memory.

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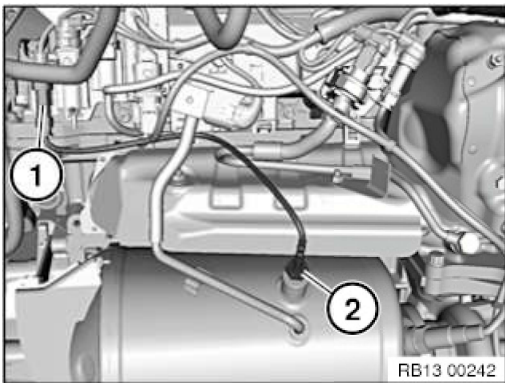
**Necessary preliminary tasks:**

- Read out the fault memory of the DDE control unit.
- Switch off ignition.
- Remove [intake silencer housing](#).

**Warning!**

Risk of burning!

Only perform this repair work on an engine that has cooled down.

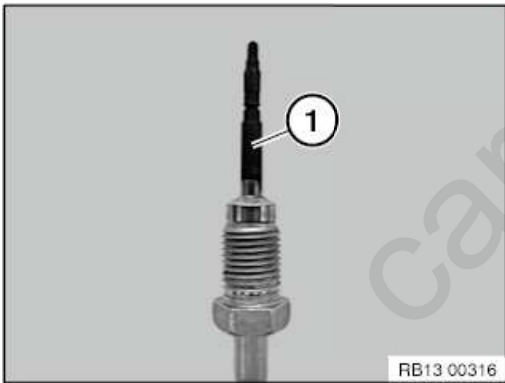


Unlock connector (1) and remove.

Replace cable from clamps.

Release exhaust-gas temperature sensor (2) and remove.

Tightening torque [13 62 4AZ](#).

**Important!**

When installing the exhaust-gas temperature sensor make sure that the gauge tip (1) is not damaged.

**Installation note:**

Check stored error/fault messages.

Clear diagnostic fault entries from fault memory.