Workshop Manual
competence level 3

D 2009
TD 2009

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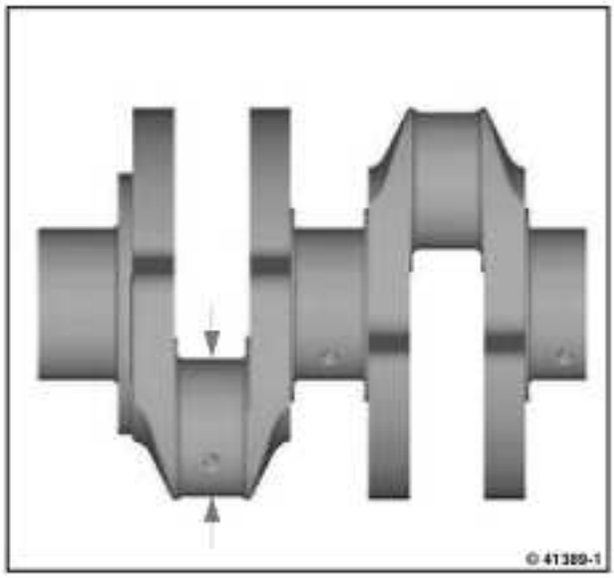
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Checking the diameter of the lifting journals

- Measure lifting journal with micrometer gauge.

  49.990 - 50.005 mm

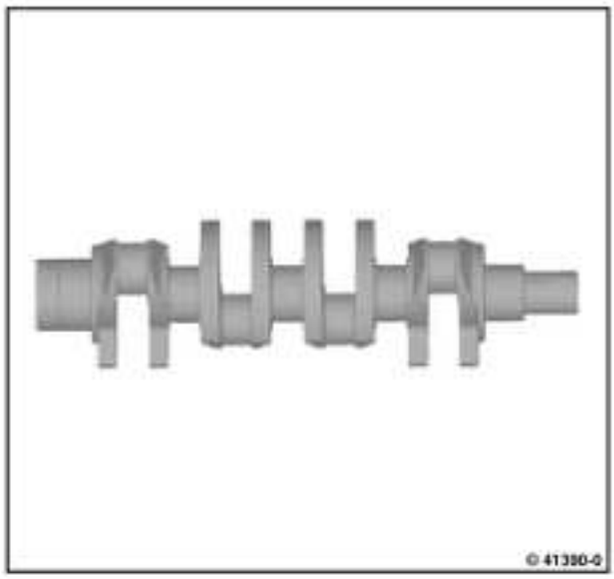
See schematic diagram for measuring points.



Visual inspection

- Visually inspect the component.
- Check the running surfaces (1) of the crankshaft sealing rings visually.
- Visually inspect gear wheel (2).
- Install crankshaft.

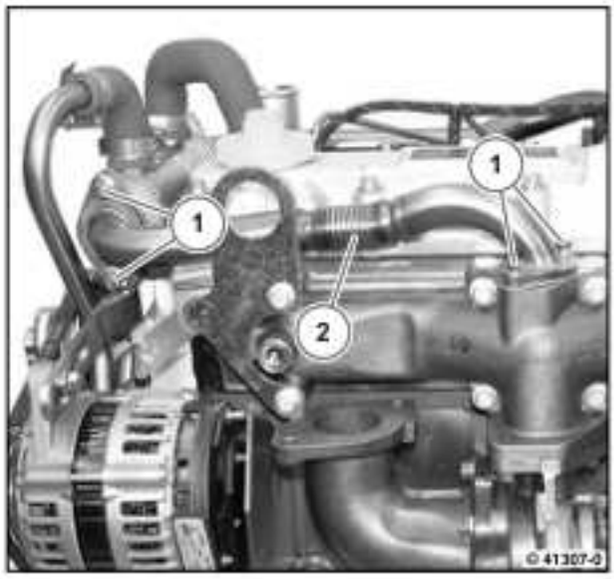
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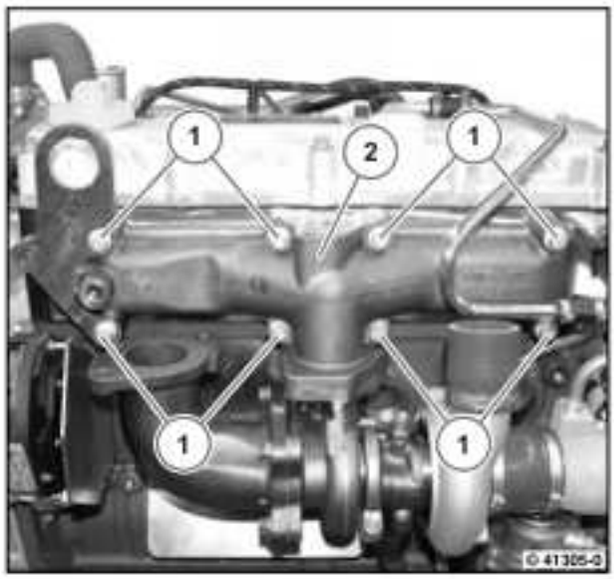
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- Unscrew screws (1).
- Remove the compensator pipe (2).
- Remove seals.



- Unscrew screws (1).
- Remove exhaust line (2).
- Remove gasket.
- Remove turbocharger.

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- Visually inspect the components.



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Technical Data

Tightening specifications

ID no.	Name	Screw type	Notes / Remark	Value
A04 004	Injection pump gear wheel on injection pump		Stage 1:	10 Nm
A04 004	Injection pump gear wheel on injection pump		Stage 2:	81 Nm
A04 022	Cap on gearcase cover	M8x70-8.8 M8x20-8.8	Torx screw	27 Nm
A07 003	Injection line on fuel injector/injection pump	M12x1.5		28 Nm
A07 006	Injection lines, fastening, pipe clip	M6x10-8.8		9 Nm
A07 012	Injection pump on crankcase	M8x30-10.9		27 Nm
A07 013	Blocking screw on injection pump			10 Nm
A07 015	Fuel line on injection pump	1/2"		9 Nm

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