

## 18–210 Removal and installation of oil pump

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### Tightening torques

Nm

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Oil pump to cylinder crankcase and bearing cover

23

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Oil pan lower part to top

10

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Fuel pump to cylinder crankcase

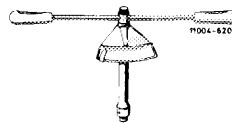
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23

### Special tools

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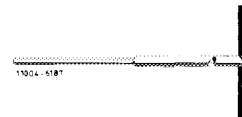
Torque wrench 3/8" square, 8–32 Nm



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Screwdriver 5 mm, 300 mm long  
for hex. socket screws



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### Note

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In case that in an engine, instead of the oil pump with integrated oil relief valve (8 bar gauge pressure), an oil pump without oil relief valve is installed, the oil relief valve (5 bar gauge pressure), part No.

114 180 02 15, must be inserted into main oil duct in cylinder crankcase. Tightening torque for oil relief valve 40 Nm, for main oil duct-closing screw 70 Nm.

### Removal

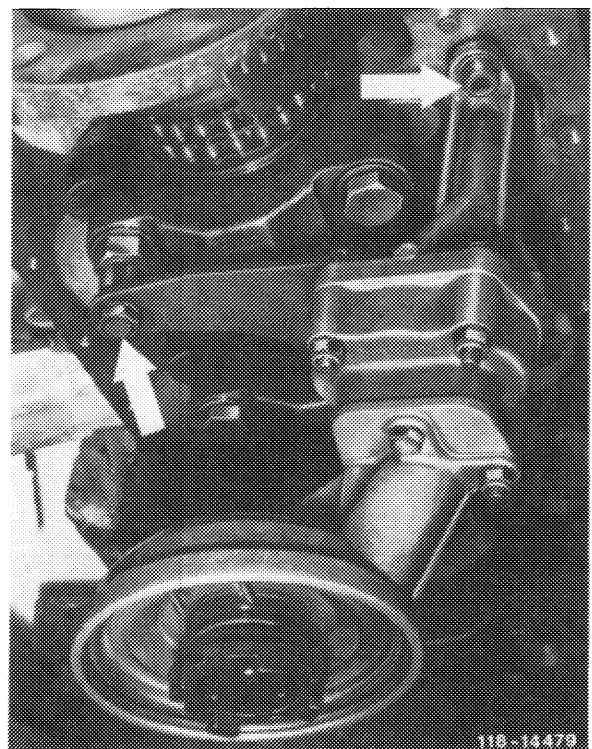
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- 1 Remove fuel pump.
- 2 Remove oil pan lower half.
- 3 Unscrew fastening screws of oil pump (arrows) and remove oil pump.

### Installation

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- 4 For installation proceed vice versa. Install oil pan lower half with a new seal.
- 5 Tighten fastening screws for oil pump and fuel pump to 23 Nm, for oil pan lower half to 10 Nm.



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