

07.1–230 Removal and installation of injection nozzles

Job no. of flat rates or standard texts and flat rates data 07–6810 or 6830.

Tightening torques

Nm

Injection nozzles

70–80

Injection lines

25

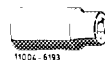
Special tools

Box wrench socket open, 17 mm,
1/2" drive for injection lines



000 589 68 03 00

Socket for injection nozzle
27 mm, 1/2" drive



001 589 65 09 00

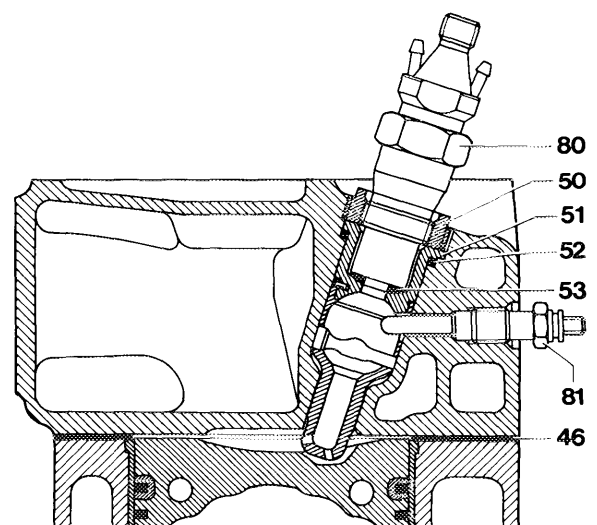
Conventional tools

Torque wrench 1/2" drive, 40–130 Nm

Torque wrench 1/2" drive, 15–65 Nm

Removal

- 1 Unscrew injection lines.
- 2 Detach leak-off fuel hoses and plug of 5th injection nozzle.
- 3 Unscrew injection nozzles using socket. If precombustion chamber collar comes undone, tighten all collars (05–117).
- 4 Withdraw nozzle plate (53).
- 5 Sight-check precombustion chamber. Direct flashlight into chamber and examine whether ball pin is in satisfactory condition.



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|--------------------------|-----------------------|
| 46 Cylinder head gasket | 53 Nozzle plate |
| 50 Collar | 80 Injection nozzle |
| 51 Precombustion chamber | 81 Pin-type glow plug |
| 52 Sealing ring | |

Installation

- 6 Install in reverse order, using new nozzle plates.
Note tightening torques.