

P07.03-2094-09

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|---|-------------------------|---|---------------------------------------|------|--------------------------|
| 1 | Fuel high-pressure line | 5 | Connection piece of return flow lines | 9 | Valve block |
| 2 | Fuel high-pressure line | 6 | Sealing ring | B4/6 | Rail pressure sensor |
| 3 | Fuel high-pressure line | 7 | Sealing ring | Y74 | Pressure regulator valve |
| 4 | Banjo bolt | 8 | Fuel return line | | |

Modification notes

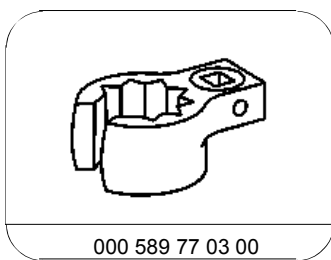
25.9.03	Value changed from 20 Nm to 23 Nm	Value in series 1001 modified for engine 628.960/961/962/963	*BA07.16-P-1001-01C
25.9.03	Value changed from 20 Nm to 23 Nm	Value in series 1009 modified for engine 628.960/961/962/963	*BA07.16-P-1009-01C

	Remove/Install		
Danger!	Risk of explosion if ignition takes place, risk of poisoning caused by inhaling fuel vapors or swallowing fuel as well as risk of injury to skin and eyes exposed to fuel.	No fire, sparks, naked flames or smoking. Pour fuels only into suitable and appropriately marked containers. Wear protective clothing when handling fuel.	AS47.00-Z-0001-01A
1	Remove intake air distribution pipe		AR09.10-P-1250CD
2	Remove fuel filter	Do not dismount fuel filter from bracket.	AP47.20-P-0780BC
3	Unplug electrical connectors at rail pressure sensor (B4/6) and at pressure regulator valve (Y74)		
4	Remove fuel high-pressure lines (1, 2, 3)	When working on the injection system ensure scrupulous cleanliness! Close connections of fuel high-pressure lines immediately after removal as a protection against contamination. Do not squeeze or bend fuel high-pressure lines. Counterhold connecting pipe of fuel high-pressure lines with a suitable tool. Installation: Check sealing cone of fuel high-pressure lines and replace fuel high-pressure line if there are pressure marks. For assembly of the fuel high-pressure lines free of tension, tighten mounting screws of the valve block only after fitting on the fuel high-pressure lines. Bolt of retaining clamp of high-pressure line to charge air distribution pipe Nut of pressure line to valve block/high pressure pump Nut of pressure line to valve block/rail Box wrench bit	*BA07.16-P-1015-01C *BA07.16-P-1001-01C *BA07.16-P-1009-01C *000589770300

5	Unscrew banjo bolt (4) and remove connector (5) of return lines	i Installation: Replace sealing rings (6, 7).	
		Nm	*BA07.16-P-1005-01C
6	Dismount valve block (9) at charge air distribution pipe	Nm	*BA07.16-P-1014-01C
7	Disconnect fuel return line (8) at valve block (9) and take out valve block (9)		
8	Install in the reverse order		
⚠ Danger!	Risk of accident. Accidents may result if the vehicle starts off unintentionally with the engine running. Risk of injury. Crushing and burn injuries may result while working on engine during when it is being started or when it is in operation.	Secure vehicle to prevent it from moving. Wear closed and snug-fitting work clothes. Do not grasp hot or rotating parts.	AS00.00-Z-0005-01A
⚠ Danger!	Risk of explosion from fuel igniting. Risk of injury. Fuel may stream out and cause injury to eyes or skin.	Keep all ignition sources out of hazardous area. Do not carry out any work on the system when it is pressurized.	AS07.16-Z-0001-01A
9	Run engine and inspect fuel system for leaks		
10	Connect STAR DIAGNOSIS and read fault memory	i During repairs, for example, delete the errors stored in the diagnostic trouble code memory by separating the connectors.	
AD			AD00.00-P-2000-04A

Nm Common rail diesel injection (CDI)

Number	Designation		Engine 628.960/ 962/963
BA07.16-P-1001-01C	Nut of pressure line to valve block/ high pressure pump	Nm	23
BA07.16-P-1005-01C	Banjo bolt of leak oil line to valve block	Nm	20
BA07.16-P-1009-01C	Nut of pressure line to valve block/ rail	Nm	23
BA07.16-P-1014-01C	Valve block to charge air distribution pipe	Nm	12
BA07.16-P-1015-01C	Bolt of retaining clamp of high-pressure line to charge air distribution pipe	Nm	8



000 589 77 03 00

Ring wrench socket