

P46.30-2179-09

- 1 Power steering expansion reservoir
- 2 Power steering pump
- 3 Return flow pipe
- 4 Power steering pressure line

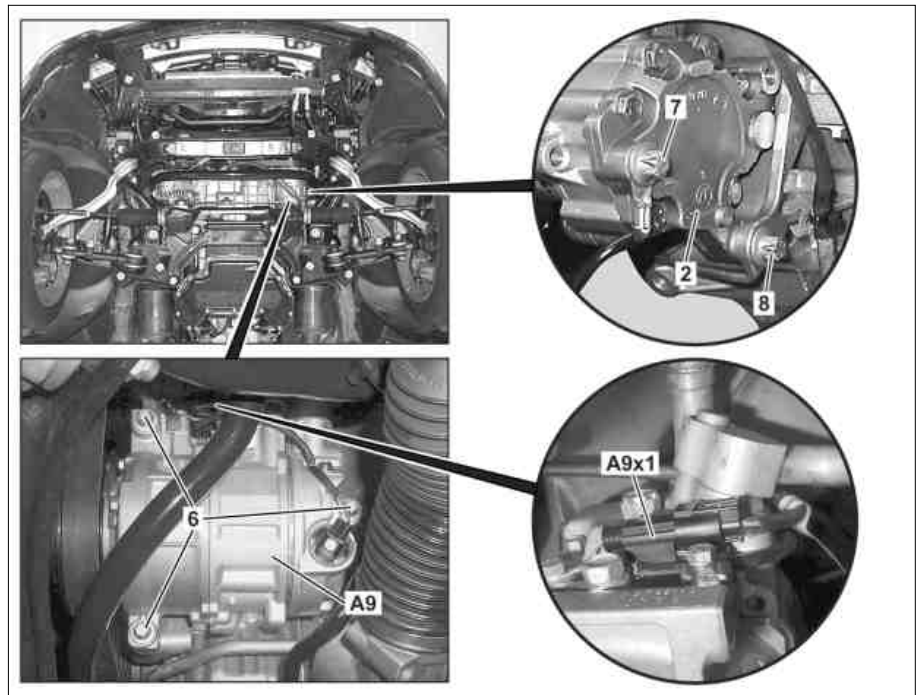
- 5 Banjo bolt
- 9 Bolts
- 10 Clamp

- 11 Bolts
- 12 Connector

Y10/1 Power steering pump pressure regulator valve

- 2 Power steering pump
- 6 Bolts
- 7 Screw
- 8 Screw

- A9 Refrigerant compressor
- A9x1 Refrigerant compressor connector



P46.30-2182-06

⚠ ⚠	Remove/install		
⚠ Danger!	Risk of injury to skin or eyes caused by hydraulic fluid spraying out under high pressure. Risk of poisoning caused by swallowing hydraulic fluid	Depressurize the hydraulic system completely before starting any work on the system. Wear protective clothing and safety glasses.	AS00.00-Z-0013-01A
⚠ Danger!	Risk of death caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between columns of vehicle lift and position four support plates at vehicle lift support points specified by vehicle manufacturer.	AS00.00-Z-0010-01A

ⓘ	Before opening the hydraulic system of the power steering, thoroughly clean the area surrounding the separation point. Even minute particles of dirt, introduced into the hydraulic components, can result in malfunctions or damage to the power steering		
1	Open engine hood and raise to vertical position		AR88.40-P-1000T
2	Remove poly-V belt		AR13.20-P-0001TS
3	Remove front engine cover	ⓘ Pull the front engine cover upward and out of the mountings.	
4	Remove intake air duct upstream of air filter		
5	Suction off oil from expansion reservoir (1)	🔧	*210589007100
6	Detach return line (3) from expansion reservoir (1)	ⓘ Use a rag to clear up any escaping oil and seal the line connections using stop plugs 🔄 Nm 🔧	*BA46.30-P-1004-01F *129589009100
7	Undo screws (9) for front cover on cylinder head	Nm	*BA46.30-P-1008-01F
8	Release clip (10)		
9	Detach expansion reservoir (1) from power steering pump (2)	ⓘ Installation: Replace sealing ring.	
10	Detach pressure line (4) from power steering pump (2) by undoing banjo bolt (5)	ⓘ Use a rag to clear up any escaping oil and seal the line connections using stop plugs 🔄 ⓘ Installation: Replace sealing ring. 🔧 Nm	*129589009100 *BA46.30-P-1006-01F
11	Detach plug (12) from power steering pump pressure regulator valve (Y10/1)		
12	Detach power steering pump (2) from timing case cover; to do so, remove bolts (11)	Nm	*BA46.30-P-1001-01F
13	Raise vehicle		AR00.60-P-1000T
14	Remove bolts (6)	Engine 272 Nm	*BA83.55-P-1001-01M
15	Detach refrigerant compressor connector (A9x1) and remove refrigerant compressor (A9) from timing case cover and engine support	Engine 272 ⓘ Put down refrigerant compressor (A9) with pipe system connected towards the radiator.	
16	Detach ground line from power steering pump (2) by unscrewing bolt (7)	Nm	*BA46.30-P-1005-01F
17	Remove screw (8)	Nm	*BA46.30-P-1001-01F
18	Lower vehicle		AR00.60-P-1000T
19	Take out power steering pump (2)		
20	Install in the reverse order		
21	Fill and bleed power steering pump (2)		AR46.30-P-0010TS
22	Check function of power steering and for leaks		

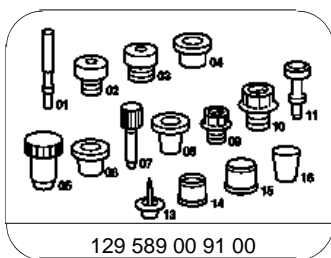
Nm Power steering pump

Number	Designation	Engine 272, 273 in model 211		
BA46.30-P-1001-01F	Bolt, power steering pump to timing case cover	M8×30	Nm	-
		M8×34	Nm	-
		M8×44	Nm	35
BA46.30-P-1004-01F	Hose clamp, hydraulic line to power steering pump expansion reservoir		Nm	3

BA46.30-P-1005-01F	Bolt, ground line to power steering pump	Nm	20
BA46.30-P-1006-01F	Banjo bolt, power steering pressure line to power steering pump	Nm	45
BA46.30-P-1008-01F	Bolt, power steering expansion reservoir to front cover at cylinder head	Nm	9

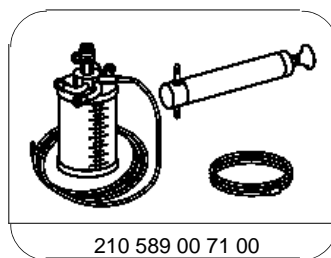
Nm Refrigerant compressor

Number	Designation		Engine 272
BA83.55-P-1001-01M	Bolt, refrigerant compressor to timing case/ crankcase/engine support	Nm	20



129 589 00 91 00

Set of stop plugs



210 589 00 71 00

Hand pump