












P46.30-2209-07


## Shown on engine 642

1 Power steering pump  
2 Charge-air duct hose

3 Bolts  
4 Screw

5 Plug connection of pressure regulator valve  
6 High-pressure expansion hose connection

	Remove/install		
 <b>Danger!</b>	<b>Risk of injury</b> to skin or eyes caused by hydraulic fluid spraying out under high pressure. <b>Risk of poisoning</b> 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
 <b>Danger!</b>	<b>Risk of accident</b> caused by vehicle starting off by itself when engine is running. <b>Risk of injury</b> caused by contusions and burns during starting procedure or when working near the engine as it is running	Secure vehicle to prevent it from moving by itself. Wear closed and snug-fitting work clothes. Do not touch hot or rotating parts.	AS00.00-Z-0005-01A
1	Remove engine trim panel	Engine 642	
2	Remove air filter housing	Engine 629	AR09.10-P-1150GZD
3	Remove charge-air duct hose (2)	Engine 642	
4	Extract oil from expansion reservoir of power steering pump (1).		*210589007100
5	Remove expansion reservoir of power steering pump (1)	Engine 113, 272, 273 Engine 642 Engine 629	AR46.25-P-1000GZA AR46.25-P-1000GZB AR46.25-P-1000GZC
6	Disconnect hose of expansion reservoir at power steering pump (1)		*000589543700
7	Discharge air conditioning system	Engine 629  <b>Installation:</b> Evacuate, refill air conditioning system and check for proper operation and tightness.	AR83.30-P-1760GZ
8	Remove refrigerant suction line from refrigerant compressor	Engine 629	AR83.30-P-7810GZ
9	Remove air intake pipe with hot film mass air flow sensor on left	Engine 629	AR07.07-P-1454GZD
10	Remove intake air housing on the left	Engine 629	AR09.41-P-1323GZD
11	Remove poly-V belt from power steering pump (1)	Engine 113 Engine 272, 273 Engine 642 Engine 629	AR13.22-P-1202GZ AR13.20-P-0001GZA AR13.20-P-0001GZB AR13.22-P-1202GZD
12	Remove front section of fender liner in right front fender	Engine 629	AR88.10-P-1300GZ
13	Remove banjo bolt from high-pressure expansion hose connection (6) of power steering pump (1)	 Seal openings using stop plugs.  <b>Installation:</b> Replace sealing rings.  Engine 642, 629  Engine 113, 272, 273 	*BA46.30-P-1002-01J *BA46.30-P-1008-01H *129589009100
14	Disconnect pressure regulator valve connector (5) from power steering pump (1)	Engine 642	
15	Remove bolts (3) and bolt (4) of power steering pump (1) from timing case cover	 Engine 642, 629	*BA46.30-P-1001-01J

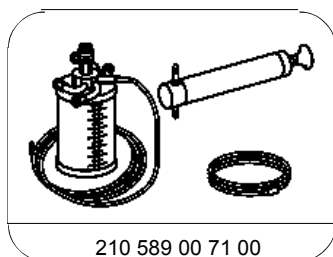
		<b>Nm</b> Engine 113, 272, 273	*BA46.30-P-1003-01H
16	Remove power steering pump (1)	<b>i</b> Do not damage the radiator.	
17	Install in the reverse order		
18	Fill and bleed power steering pump (1)		AR46.30-P-0010GZ
	<b>Checking</b>		
19	Check the steering system for leaks when the engine is running.		

**Nm** Power steering pump

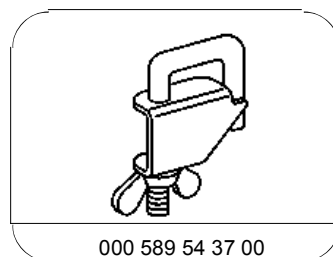
Number	Designation			Model 164.1/8, 251 with engine 642	Model 164.1/8, engine 629
BA46.30-P-1001-01J	Bolt, power steering pump to control housing	M8×20	Nm	20	20
		M8×30	Nm	20	20
		M8×34	Nm	35	35
		M8×44	Nm	35	35
BA46.30-P-1002-01J	Banjo bolt, high pressure expansion hose to power steering pump		Nm	45	45

**Nm** Power steering pump

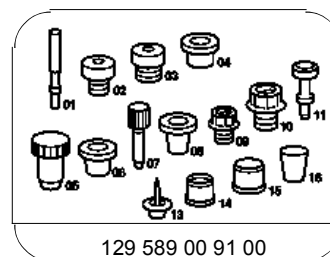
Number	Designation			Engine 113 in mode 1164, 251	Engine 272 in model 164, 251	Engine 273 in model 164, 251
BA46.30-P-1003-01H	Bolt, power steering pump to timing case cover	M8×30	Nm	20	20	20
		M8×34	Nm	35	35	35
		M8×44	Nm	35	35	35
BA46.30-P-1008-01H	Banjo bolt, power steering pressure line to power steering pump		Nm	45	45	45



Hand pump



Clamping device



Set of stop plugs