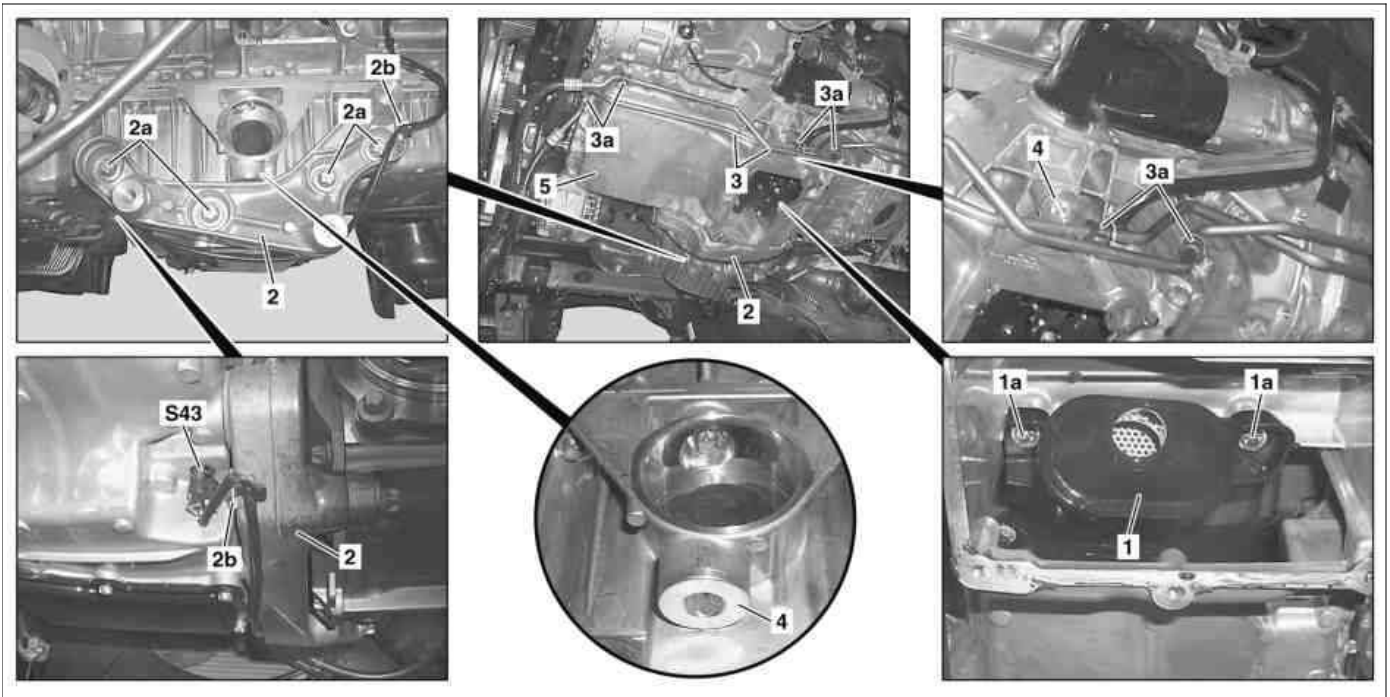




Engine 272 in model 204.08/95/98
Vehicles with a middle sump



P01.45-2284-09

- | | | | | | |
|----|------------------|----|------------------|-----|------------------------|
| 1 | Oil suction pipe | 2b | Retaining clips | 5 | Oil pan |
| 1a | Bolts | 3 | ATF lines | S43 | Oil level check switch |
| 2 | Support brace | 3a | Retaining clamps | | |
| 2a | Bolts | 4 | Stop plug | | |

 	Remove/install		
1	Remove front axle transmission		Model 204.08/98 with transmission 722.96
2	Remove oil pan bottom section		AR33.30-P-0525CWX AR01.45-P-7555CWX
3	Remove screw/bolts (1a) and oil suction pipe (1)	Nm	Oil suction pipe at crankcase *BA18.10-P-1005-01B
4	Detach support brace (2) by removing screw/bolts (2a) and retaining clamps (2b)	Nm	Collar bolt, support to oil pan *BA33.30-P-1011-03G
5	Detach oil dipstick guide tube from oil pan (5)		AR18.40-P-3510CWX
6	Disconnect electrical connection on switch (S43)		
7	Detach retaining clamps (3a) and push automatic oil lines (3) to the side	Nm	Screw/bolt, oil line bracket to oil pan *BA01.45-P-1007-01M
8.1	Loosen high-pressure line of power steering at the alternator		Model 204.08 *BA15.40-P-1001-01F
8.2	Detach high-pressure line holder for power steering from oil pan (5)		Model 204.95/98 *BA01.45-P-1004-01M
9	Remove grommet (4)		
		i	Two screw/bolts for fastening the oil pan (5) are located below. *BA01.45-P-1009-01M
		Nm	Screw plug to oil pan top section *BA01.45-P-1009-01M
10	Remove bolts from oil pan (5)		AR01.45-P-7500-06VA
		i	Installation: Observe different bolt lengths and bolt diameters as per bolt plan.

		Screw/bolt, oil pan to cylinder crankcase, timing case cover or rear cover Oil pan top section to cylinder crankcase at transmission end Bolt, automatic transmission to engine	*BA01.45-P-1002-01M *BA01.45-P-1005-01M *BA27.40-P-1008-01A
11	Remove oil pan (5) from crankcase		
12	Clean sealing surfaces on oil pan (5) and on crankcase	 Do not use any sharp-edged tools or abrasive paper. The sealing surfaces can get damaged otherwise. Loctite 7200 Loctite 7063 cleaning spray (150 ml)	AR01.00-P-0050-01A *BR00.45-Z-1038-04A *BR00.45-Z-1046-04A
13	Apply sealant to sealing surface of oil pan (5) Notes on sealant path for oil pan	Sealant, Loctite 5970, 50 ml Application gun	AH01.45-P-0001-01VA *BR00.45-Z-1013-01A *112589002500
14	Install in the reverse order		
15	Check engine oil level approx. 5 min. after switching off the engine at operating temperature, correct if necessary	 Vehicle must be horizontal and standing on its wheels. Measurement errors can occur otherwise.	AP18.00-P-0101VA
16	Check for oil leaks with engine running		

Oil pan

Number	Designation	Engine 272
BA01.45-P-1002-01M	Screw/bolt, oil pan to cylinder crankcase, timing case cover or rear cover Nm	9

Oil pan

Number	Designation	Engine 272
BA01.45-P-1004-01M	Screw/bolt, power steering pressure line to oil pan M6 Nm	10

Oil pan

Number	Designation	Engine 272
BA01.45-P-1005-01M	Oil pan top section to cylinder crankcase at transmission end M8 × 30 Nm	20

Oil pan

Number	Designation	Engine 272
BA01.45-P-1007-01M	Screw/bolt, oil line bracket to oil pan M6 Nm	9

Oil pan

Number	Designation	Engine 272
BA01.45-P-1009-01M	Screw plug to oil pan top section Nm	20

Alternator

Number	Designation	Engine 272
BA15.40-P-1001-01F	Bolt, alternator to timing case Stage 1 Nm	20

Nm Oil pump

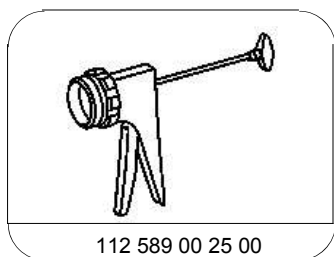
Number	Designation	Engine
		272.91/920/921/922/ 923/94/95/96/970/97 1/972/973/974/975/9 77/98/99
BA18.10-P-1005-01B	Oil suction pipe at crankcase	Nm 9

Nm Housing

Number	Designation	Transmission 722.9
BA27.40-P-1008-01A	Bolt, automatic transmission to engine	M10×40 Nm 38
		M10×45 Nm 38
		M10×90 Nm 38
		M12 Nm -

Nm Front axle gear

Number	Designation	Model 204
BA33.30-P-1011-03G	Collar bolt, support to oil pan	Nm 60



Application gun

Repair materials

Number	Designation	Order number
BR00.45-Z-1013-01A	Sealant, Loctite 5970, 50 ml	A 003 989 98 20 10
BR00.45-Z-1038-04A	Loctite 7200	Henkel AG & Co. KGaA http://www.loctite.de
BR00.45-Z-1046-04A	Loctite 7063 cleaning spray (150 ml)	A 001 986 71 71 10