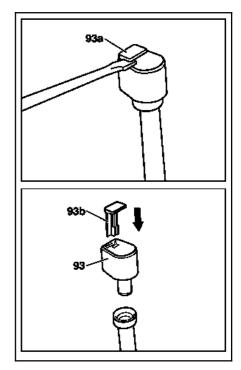
TRANSMISSION 722.6

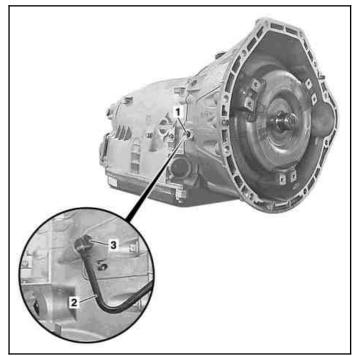
93 Cap 93a Plate

93b Locking pin



P27.00-2232-03

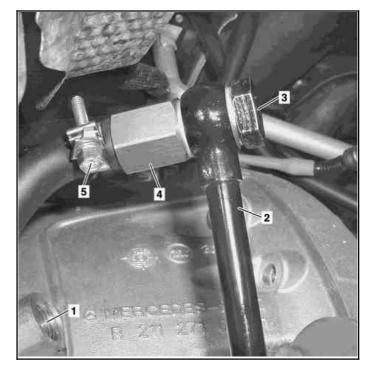
- Oil cooling line connection Right oil cooling line
- 2
- 3 Banjo bolt



P27.55-2047-12

- Oil cooling line connection Right oil cooling line Banjo bolt Connector Hose clamp 1 2 3

- 4 5



P27.55-2048-12

XX	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 accident caused by vehicle starting off by itself when engine is running. Risk of injury 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		
⚠ 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		
(\$)	Notes on self-locking nuts and bolts		AH00.00-N-0001-01A		
(9)	Before opening the hydraulic system, thoroughly clean the area surrounding the separation point. Even the smallest dirt particles, introduced into the hydraulic components, can lead to malfunctions and a total failure of the hydraulic system				
.1	Remove the rear section of the engine compartment paneling	Vehicles with gasoline engine except Typ 461 and 463 Typ 129, 202, 208, 210 Type 140 Typ 163 except 163.136/154/157 Typ 163.136/154/157 Type 170 Typ 171 Typ 199 Typ 209, 203 with gasoline engine Typ 211 Typ 219 Typ 215, 220 Typ 230 Typ 240	AR61.20-P-1105AB AR61.20-P-1105GH AR61.20-P-1105V AR61.20-P-1105SLR AR61.20-P-1105P AR61.20-P-1105T AR61.20-P-1105TX AR61.20-P-1105M AR61.20-P-1105R AR61.20-P-1105H		
1.2	Remove rear part of bottom sections of soundproofing	Vehicles with diesel engine except Typ 461 and 463 Typ 140 Typ 163 Typ 202.1 Typ 209, 203 with diesel engine Typ 210 Typ 211 Typ 220	AR94.30-P-5400GH AR94.30-P-5300A AR94.30-P-5300P AR94.30-P-5300AB AR94.30-P-5300T AR94.30-P-5300M		

2	Remove drain plug from the transmission oil pan and drain transmission oil	i The transmission oil should have an operating temperature of 80 ℃.	
		Nm	*BA27.10-P-1001-03A
3	Detach transmission oil pan and install a new	i Caution: when removing the transmission	
	transmission oil filter	oil pan, approx. 2.5 liters of transmission oil	
		will still be in the transmission oil pan.	
4	Mount transmission oil pan	i Install new gasket.	
		Nm	*BA27.10-P-1002-03A
5	Detach clamps for right oil cooling line (2) from engine oil pan	Nm Typ 163, 171, 211, 219, 220, 461, 463	*BA27.55-P-1008-01B
		Nm Typ 199, 203, 209, 215, 230	*BA27.55-P-1003-01B
6	Remove banjo bolt (3) from connection (1) on right oil cooling line (2)	Nm Typ 163, 171, 211, 219, 220, 461, 463	*BA27.55-P-1002-01B
		Nm Typ 199, 203, 209, 215, 230	*BA27.55-P-1002-01B
7	Join connection fitting (4) with an approx. 1.5	i Remove the connection fitting (4) from	
	meter long hose using a hose clamp (5)	the 🕅 hand pump.	
		3	*210589007100
8	Mount banjo bolt (3) and oil cooling line (2) to connection fitting (4)		
9	Hold hose into a bucket with a scale on it	i The bucket should have a capacity of 10	
		liters.	
10	Unlock cap (93)	i Break off plate (93a) using a suitable tool	
		and press out locking pin (93b) remaining in	
		cap (93) downwards.	
11	Detach cap (93) from oil filler pipe		
12	Mount funnel onto oil filler pipe and fill	i The entire flushing procedure requires 14	
	transmission with 5 liters of oil	liters of transmission oil.	
		3	*126589126300
	Flushing		
i	An assistant is required for the flushing procedure		
13	Start the engine and drain transmission oil	Always observe work procedure and	
	via the hose into the bucket	Specifications for Operating Fluids, otherwise	
		transmission will be damaged.	
14	Once 3 liters of transmission oil are in the bucket stop the engine immediately		
15	Pour in 3 liters of transmission oil		
16	Repeat flushing procedure twice		
17	Check oil level in automatic transmission,		AR27.00-P-0100AC
	correct if necessary		
18	Install in the reverse order		
19	Carry out engine test run, checking the transmission for function and oil leaks		

$\overline{\mbox{\scriptsize Nm}}$ Oil pan, automatic transmission

Number	Designation		Trans- mission 722.6 except 722.628/ 648/649	Trans- mission 722.628	Trans- mission 722.648	Trans- mission 722.649
BA27.10-P-1001-03A	Oil drain screw to oil pan	Nm	20	20	20	22
BA27.10-P-1002-03A	Bolt, oil pan to transmission housing	Nm	8	8	8	8
		Δ°	-	-	-	-

Nm Transmission oil cooling

Number	Designation			Trans- mission 722.6 in Typ 163	Trans- mission 722.6 in Typ 199	Trans- mission 722.6 in Typs 170, 171, 203, 209, 210, 215, 219, 220, 230, 240
BA27.55-P-1002-01B	Banjo bolt or union nut, oil cooler line to torque converter and transmission housing	Stage 1	Nm	20	20	5
		Stage 2	Δ°	-	-	90
BA27.55-P-1003-01B	Bolt, oil cooler line to engine oil pan		Nm	11	-	11
BA27.55-P-1008-01B	Bolt, oil cooler line retaining clamp to oil pan		Nm	8	-	8

Nm Transmission oil cooling

Number	Designation			Trans- mission 722.6 in Typ 204, 216, 221	Trans- mission 722.6 in Typ 211	Trans- mission 722.6 in Typ 461, 463
BA27.55-P-1002-01B	Banjo bolt or union nut, oil cooler line to torque converter and transmission housing	Stage 1	Nm	5	5	20
		Stage 2	Δ°	90	90	-
BA27.55-P-1003-01B	Bolt, oil cooler line to engine oil pan	•	Nm	11	11	-
BA27.55-P-1008-01B	Bolt, oil cooler line retaining clamp to oil pan		Nm	-	8	8

