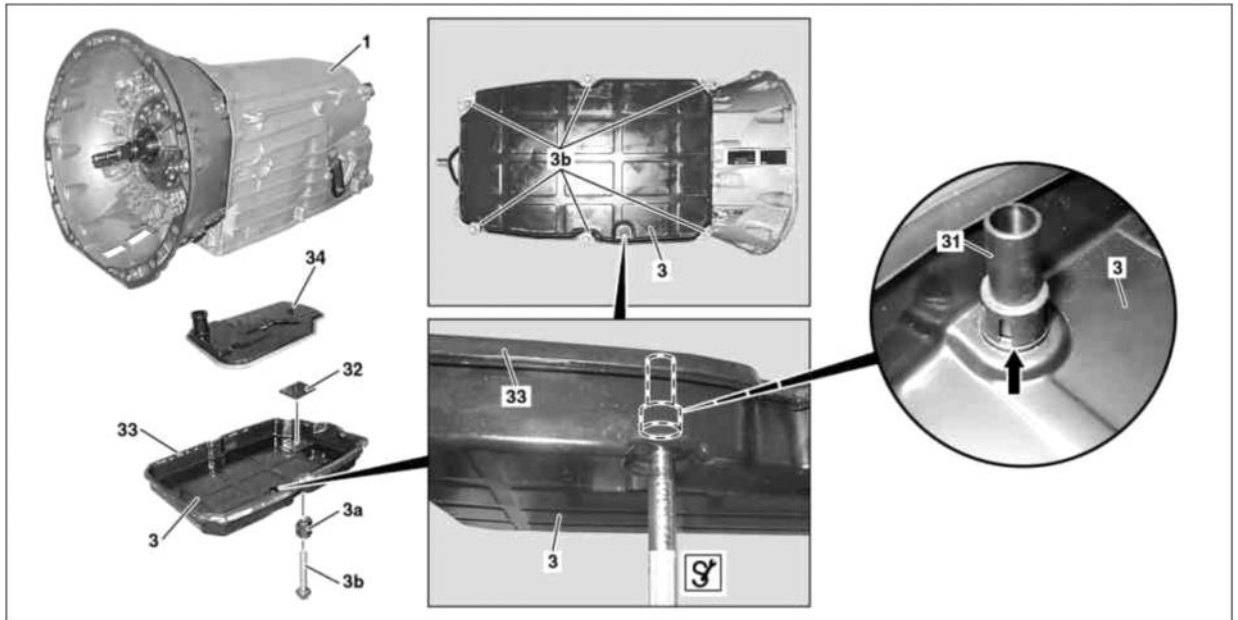


TRANSMISSION 722.9

Modification notes

23.6.10	Reference to modified oil pan, added	BT27.10-P-0006-01A
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P27.00-2136-09

- 1 Transmission housing
- 3 Oil pan
- 3a Sprag
- 3b Bolts

- 31 Overflow pipe
- 32 Permanent magnet
- 33 Seal
- 34 Oil filter

	Remove		
Danger !	Risk of injury to skin or eyes from hydraulic fluid spraying out under pressure. Risk of poisoning from swallowing hydraulic fluid.	Depressurize hydraulic system completely before starting any work on it. Wear protective clothing and safety glasses.	AS00.00-Z-0013-01A
Danger !	Risk of accident from vehicle starting off by itself when engine running. Risk of injury (bruises and burns) resulting from working on the engine while it is being started or when it is running.	Secure vehicle to prevent it from starting off by itself. Wear closed and snug-fitting work clothes. Do not touch hot or rotating parts.	AS00.00-Z-0005-01A
Danger !	Risk of injury . Skin or eye injuries may result when handling hot or glowing objects.	Wear protective gloves, protective clothing and safety glasses, if necessary.	AS00.00-Z-0002-01A
Danger !	Risk of death caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between vehicle lift columns and position the four support plates at the vehicle lift support points specified by vehicle manufacturer.	AS00.00-Z-0010-01A
1	Move A/T into neutral position and switch off ignition		
2	Lift vehicle on vehicle lift	The vehicle must be horizontal in the longitudinal and transverse direction on the vehicle lift.	
3 BT	Check oil pan (3) Oil pan and overflow tube modified	ENGINE 113, 156, 157, 271, 272, 273, 275, 276, 278, 642, 651 with TRANSMISSION 722.9 as of production date 21.06.2010	BT27.10-P-0006-01A

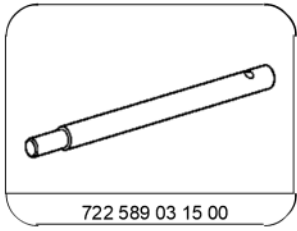
BT	Oil pan and overflow tube modified	TRANSMISSION 722.901 The oil pan (3) and overflow pipe (31) have been redesigned to optimize the oil supply to the A/T. The previous oil pan (3) without bias and with black overflow pipe (31) is, after removal, to be replaced by an oil pan (3) with bias and with white overflow pipe (31).	BT27.10-P-0006-01W
4	Remove drain screw from oil pan (3)	Collect escaping ATF with drain pan. Note automatic transmission oil quantity. Drainage trough gotis://S_18.1_08.0	
5	Pry overflow pipe (31) off base using a drift (arrow)	Collect escaping ATF with drain pan. Note automatic transmission oil quantity. Drift	*722589031500
6 AR	Drain ATF from torque converter Drain gear oil from torque converter	TRANSMISSION 722.6, 722.9 (except 722.93) with drain screw on torque converter Oil drain bolt to torque converter	AR27.20-P-0200-03R *BA27.20-P-1001-01C
7	Remove oil pan (3)	To do this, remove bolts (3b) and remove sprag (3a).	
8	Remove oil filter (34)		
9	Remove overflow pipe (31) from oil pan (3)		
	Clean		
10	Clean permanent magnet (32) and check for damage	Replace permanent magnet (32) if necessary.	
11	Clean oil pan (3)	It is absolutely essential to clean and degrease sealing surfaces thoroughly. Allow cleaning spray used to flash off completely, otherwise leakages can occur. The sealing surfaces on the oil pan (3) and transmission housing (1) must be free from oil and grease.	
	Install		
12	Install new oil filter (34) with new O-ring		
13	Install new overflow pipe (31)	Press new overflow pipe (31) firmly onto the base (arrow) in the oil pan (3). The overflow pipe (31) must latch noticeably.	
14	Install oil pan (3) with new seal (33)	The sprags (3a) are approved only for transmission 722.9 and must not be interchanged with sprags (3a) of other transmissions, otherwise engine damage can occur. Replace bolts (3b). Always replace seal (33). Do not coat any sealant or sealing component on oil pan (3) and transmission housing (1). Screw/bolt, oil pan to transmission housing	*BA27.10-P-1002-03D
15 AR AR	Fill automatic transmission with transmission oil. Filling automatic transmission with fluid Filling automatic transmission with fluid	TRANSMISSION 722.9 (except 722.96) TRANSMISSION 722.96	AR27.00-P-0270W AR27.00-P-0270SYZ
16	Lower vehicle		

Oil pan, automatic transmission

Number	Designation	TRANSMISSION 722.9		
BA27.10-P-1002-03D	Screw/bolt, oil pan to transmission housing	Stage 1	Nm	4
		Stage 2	Δ°	180

Torque converter

Number	Designation	TRANSMISSION 722.9		
BA27.20-P-1001-01C	Oil drain bolt to torque converter	M8	Nm	10
		M10	Nm	15



Drift