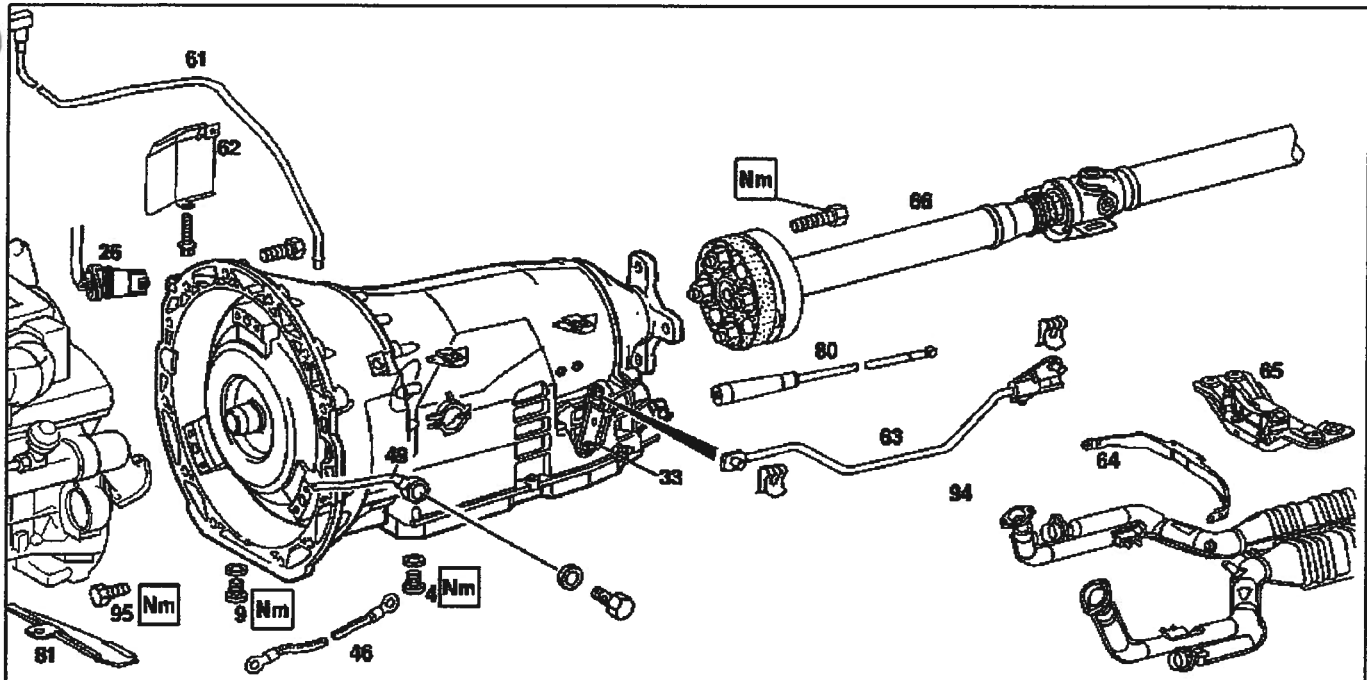


TRANSMISSION 722.6 in MODELS 129, 140, 170, 202, 208, 210



- 4 Oil pan oil drain plug
- 9 Oil drain plug, torque converter
- 26 Connector
- 33 Range selector lever
- 46 Ground strap



- 49 Line to oil cooler
- 61 Oil filler pipe
- 62 Shield
- 63 Shift rod
- 64 Exhaust bracket

- 65 Engine support with engine mount
- 66 Propeller shaft
- 81 Torque converter cover
- 94 Exhaust system
- 95 Bolt, torque converter to driver plate

P27.10-0251-09

	Remove/Install		
1	Disconnect ground cable from battery	i Installation: Code radio, set clock, normalize power windows and set timer in vehicles with stationary heater. Models 129, 163, 168, 170, 202, 208, 210 Model 140	AR54.10-P-0003A ra54001400003x
2.1	Unscrew oil filler pipe (61) from engine only	Models 129, 140 with M119 Models 202, 210 with M111, 604, 605, 606	AR27.10-P-0500-04A
2.2	Remove oil filler pipe (61)	Models 129, 140 with M120 Model 210 with M119	AR27.10-P-0500-04A
3	Unscrew oil drain plug (4) from oil pan and drain transmission fluid	Nm ⓘ If the transmission fluid is burned or contains wear particles, the oil cooler lines and oil cooler must be flushed out: ↓ Flushing out oil cooler and oil cooler line	*BA27.10-P-1001-03A AR27.55-P-0001A

4	Remove oil drain plug (9) at torque converter, drain transmission oil.	Nm ⓘ If there are metal shavings on the transmission oil pan, drain the transmission fluid from the torque converter via the drain hole through a clean cloth. If the cloth contains metal shavings after draining the transmission oil, torque converter must be replaced. If in doubt, just rinse torque converter with transmission oil. Metal shavings may cause transmission damage later. Transmission 722.6	*BA27.20-P-1001-01A
BT	Oil drain plug at torque converter no longer required		BT27.20-P-0001-01A
5	Remove heat shield (62) and disconnect 13-pin plug-in connector (26)	ⓘ Heat shield (62) discontinued on model 129 with M119 and M120 as of 03.96	AR27.10-P-0500-01A
6	Detach control cable / gears for parking lock interlock (80) from transmission	ⓘ Transmission models 722.620 up to end-no. 0001680 722.621 up to end-no. 0001976 722.622 up to end-no. 0016286 ⓘ Transmission models 722.60/61/63/66/69 722.620 as of end-no. 0001681 722.621 as of end-no. 0001977 722.622 as of end-no. 0016287 722.623/624/625/627/628/629 ⓘ For removal and installation, move selector lever or range selector lever to position "P" and, with control cable / gears removed, leave in position "P". ⓘ Installation: Check function of parking shift lock.	AR27.60-P-0500-05A AR27.60-P-0500-05B
7	Unscrew retaining plate for rack-and-pinion steering	Model 210 4MATIC	AR46.20-P-0600A
8	Remove cover (81) to unscrew the hexagon bolts (95) holding the torque converter to the driver plate	Nm	*BA27.20-P-1002-01A
9	Unscrew left and right oil lines (49) to oil cooler		
10	Remove shift rod (63) by taking off locking clips	ⓘ ⓘ Installation: Adjust shift rod.	*210589003700 AR27.60-P-0980B
11	Remove exhaust bracket (64)		
12.1	Detach exhaust system (94) at rear with V-belt	Models 129, 140, 210 with M119	
12.2	Remove exhaust system (94) as from connector	Models 129, 140 with M120	AR49.10-P-7000F
13	Remove fan shroud from radiator	Model 210 with M119 Model 140 with M606	
14	Remove rear engine support with engine mount (65)	Engine 112, 113 Engine 119 Engine 120 Models 202, 210 with engines 111, 604, 605, 606 Models 202, 210 with engines 611, 612, 613	AR22.10-P-1160HV ra22001192120x AR22.10-P-1160AO AR22.10-P-1160HB AR22.10-P-1160HC
15	Unbolt front propeller shaft (66)	Nm	*BA41.10-P-1001-01A
16	Unscrew propeller shaft from transfer case	Nm Model 210 4MATIC	*BA33.30-P-1003-02A
17	Unscrew ground strap (46) from transmission		
18	Unscrew transmission from crankcase and remove downwards at an angle	ⓘ Secure torque converter to prevent it from falling out.	

19	Remove torque converter	 Installation: Grease the torque converter lightly on drive flange. 	AR27.20-P-0500-01B *168589006200
20	Install in the reverse order		
21	Inspect ATF level in automatic transmission, add ATF if necessary		AR27.00-P-0101A

 **Torque converter**

Number	Designation		Transmission 722.6
BA27.20-P-1001-01A	Oil drain plug to torque converter	Nm	16
BA27.20-P-1002-01A	Bolt, torque converter to drive plate	M8 Nm	42

 **Automatic transmission oil pan**

Number	Designation		Transmission 722.6 except 722.628/ 648/649
BA27.10-P-1001-03A	Oil drain plug on oil pan	Nm	20

 **Front axle shaft**

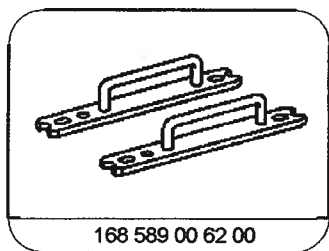
Number	Designation		Models 210.08/28
BA33.30-P-1003-02A	Bolt, front axle gear propeller shaft to transfer case flange	Nm	30

 **Driveshaft**

Number	Designation			Model 129	Model 140	Model 170	Model 202
BA41.10-P-1001-01A	Self-locking nut of flexible joint to transmission or front propeller shaft	M10	Nm	40	-	40	40
		M12	Nm	60	60	60	60

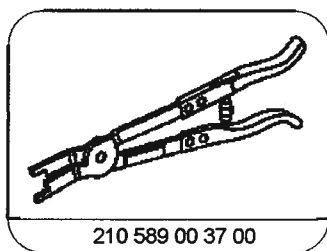
 **Driveshaft**

Number	Designation			Model 208	Model 210
BA41.10-P-1001-01A	Self-locking nut of flexible joint to transmission or front propeller shaft	M10	Nm	40	40
		M12	Nm	60	60



168 589 00 62 00

Grab handle



210 589 00 37 00

Pliers

Commercially available tools (see Workshop Equipment Manual)

Number	Designation	Make (e. g.)	Order number
WH58.30-Z-1009-07A	Transmission plate	SLIFT Hebezeug GmbH Daimlerstrasse 9 75233 Tiefenbronn	GP MB

Auxiliary repair materials

Number	Designation	Order number
BR00.45-Z-1010-06A	Multi-purpose paste	000 989 80 51 10