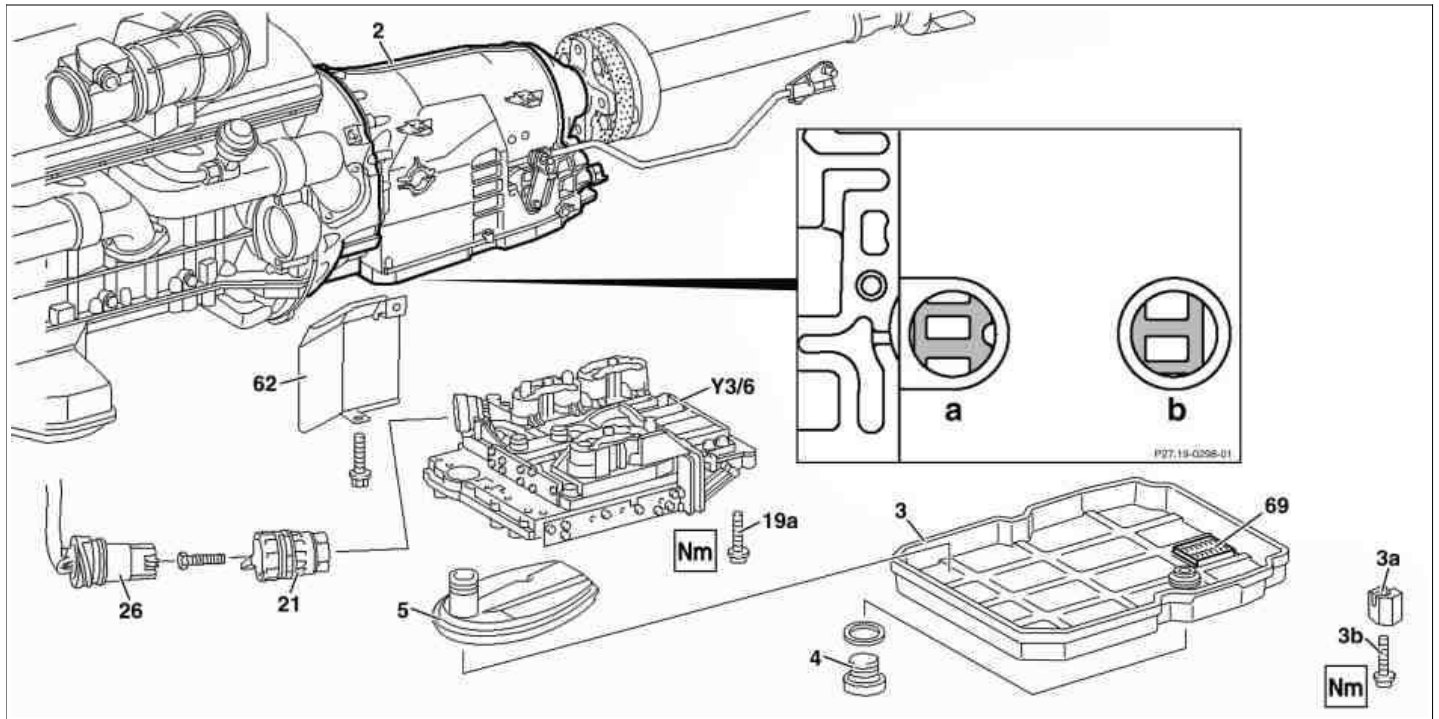


TRANSMISSION 722.6 in MODEL 129, 140, 163, 170, 202, 208, 210, 211, 215, 220, 230 (except , 220.874 /876)

TRANSMISSION 722.6 in MODEL 461, 463 (except 461.331, 463.270 /271)
















P27.19-2096-09

- | | | | | | |
|----|----------------------|-----|-------------------|------|-------------------------|
| 2 | Transmission housing | 5 | Oil filter | 69 | Magnet |
| 3 | Transmission oil pan | 19a | Screw | Y3/6 | Electrical control unit |
| 3a | Sprag | 21 | Pilot bushing | a | Hole for rpm sensor n3 |
| 3b | Screw | 26 | Plug-in connector | b | Hole for rpm sensor n2 |
| 4 | Oil drain screw | 62 | Heat shield | | |

Modification notes

26.2.08	Value changed: Bolt securing pilot bushing to electrohydraulic controller unit	*BA27.19-P-1003-01A
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	Remove/install		
	Before starting work the area around the separation points on the transmission must be thoroughly cleaned. Even the smallest dirt particles, introduced into the hydraulic components, can lead to malfunctions and a total failure of the transmission		
1	Switch ignition off, remove ignition key (transmitter key)	Vehicles with Keyless-Go code 889: Press the Keyless-Go start and stop button repeatedly until the ignition is switched off. Remove the Keyless Go transmitter card or transmitter key from the vehicle and store beyond the reach of the transmitter (min. 2 m).	
2.1	Raise vehicle with vehicle lift	Models 461, 463	AR00.60-P-1000G
2.2	Remove rear part section of engine compartment paneling	Model 140 with gasoline engine: Detach rear section of the lower engine compartment paneling on the vehicle underbody and remove downwards. Model 170 Model 163.172/ 174/ 175 Model 211 with gasoline engine Model 215, 220 with gasoline engine Model 129, 202, 208, 210 with gasoline engine Model 230 with gasoline engine	AR61.20-P-1105A AR61.20-P-1105GH AR61.20-P-1105T AR61.20-P-1105M AR61.20-P-1105AB AR61.20-P-1105R

2.3	Remove rear part of bottom sections of soundproofing	Model 140, 163 with diesel engine: Detach rear section of noise bottom section of soundproofing on vehicle underbody and remove downwards. Model 202 with diesel engine Model 210 with diesel engine Model 211 with diesel engine Model 220 with diesel engine	AR94.30-P-5300A AR94.30-P-5300AB AR94.30-P-5300T AR94.30-P-5300M
3	Detach front retaining bracket of rear engine compartment paneling	Model 230	
4.1	Disconnect plug connector (26)	Model 163, 463	
4.2	Detach heat shield (62) and unplug connector (26)	Except model 163, 463 	AR27.10-P-0500-01A *BA27.40-P-1014-01A
5	Loosen pilot bushing (21), remove from transmission housing (2) and replace if necessary  BT Pilot bushing modified		AR27.19-P-0230A *BA27.19-P-1003-01A BT27.19-P-0004-01A
6	Drain transmission oil; to do this, unscrew oil drain screw (4)	 Installation: Replace sealing ring.   If the transmission oil is burnt or contains particles, the oil cooling lines and oil cooler must be flushed: Except model 461, 463 Models 461, 463	*BA27.10-P-1001-03A AR27.55-P-0001A AR27.55-P-0001GA
7	Remove transmission oil pan (3)	 Installation: Install new gasket 	*BA27.10-P-1002-03A
8	Remove magnet (69) from transmission oil pan (3)  BT Magnet (69) in transmission oil pan (3), added for the first time	Vehicles as of approx. 04/2001  Clean magnet (69). Passenger cars only	BT27.40-P-0003-01A
9	Remove oil filter (5)		
10	Remove bolt (19a) and remove electric controller unit (Y3/6)	 Pay attention to the positions of the punched windows in the pulse rings through the rpm sensor n3 hole (a) and the rpm sensor n2 hole (b).  If the plastic part of the selector valve does not engage in the driver of the detent plate: ↓ Insert selector valve in driver of detent plate. Disassemble/assemble electric controller unit (Y3/6). 	AR27.19-P-0200-01A AR27.19-P-0220A *BA27.19-P-1001-01A
11	Install in the reverse order		
12	Check oil level in automatic transmission, correct if necessary		AR27.00-P-0100AC
13	Read out fault memory with STAR DIAGNOSIS and erase if necessary		
14	Perform transmission adaptation	Transmission adaptation must be performed after the transmission is changed or repaired.	
15	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 Perform engine test run and check transmission for proper function and leaktightness.	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

 **Oil pan, automatic transmission**

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

Nm Electrohydraulic controller unit

Number	Designation			Transmission 722.6
BA27.19-P-1001-01A	Bolt, electrohydraulic controller unit to transmission housing	Stage 1	Nm	8
		Stage 2	∠°	-
		Stage 3	∠°	-
BA27.19-P-1003-01A	Bolt, pilot bushing to electrohydraulic controller unit		Nm	2.5

Nm Housing

Number	Designation		Transmission 722.6 except 722.660/661/662/ 663/666/673/674	Transmission 722.660/661/662/ 663/666/673/674
BA27.40-P-1014-01A	Bolt, heat shield to transmission housing	Nm	6	6