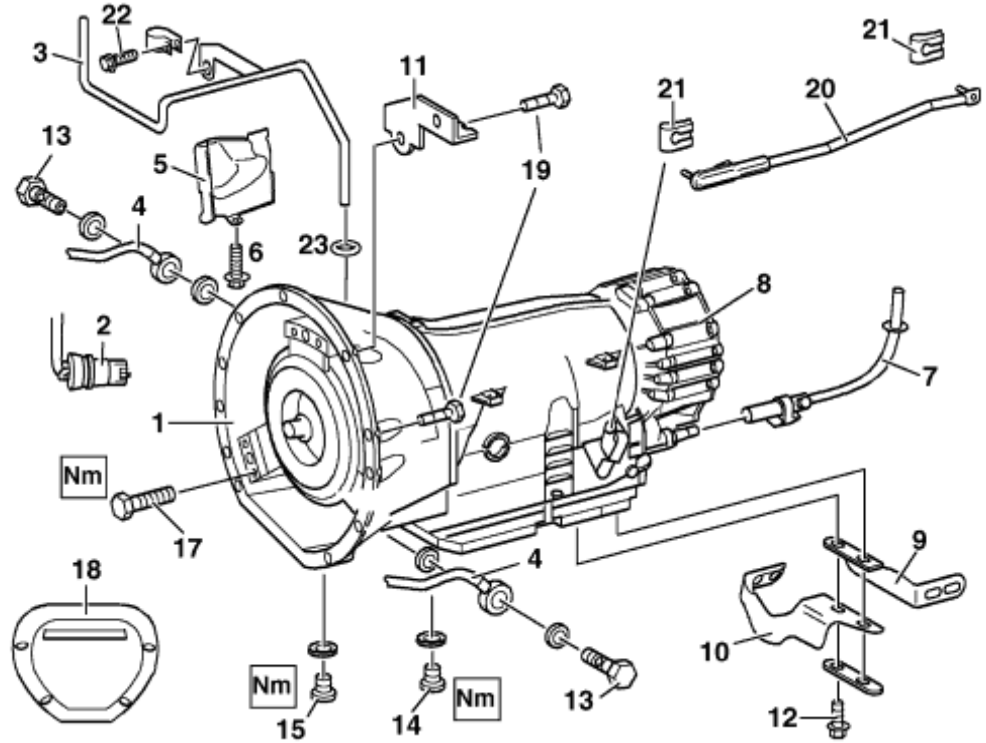


AR27.10-P-0500GH	Remove/install transmission with torque converter	6.2.97
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TRANSMISSION 722.6 in MODEL 163

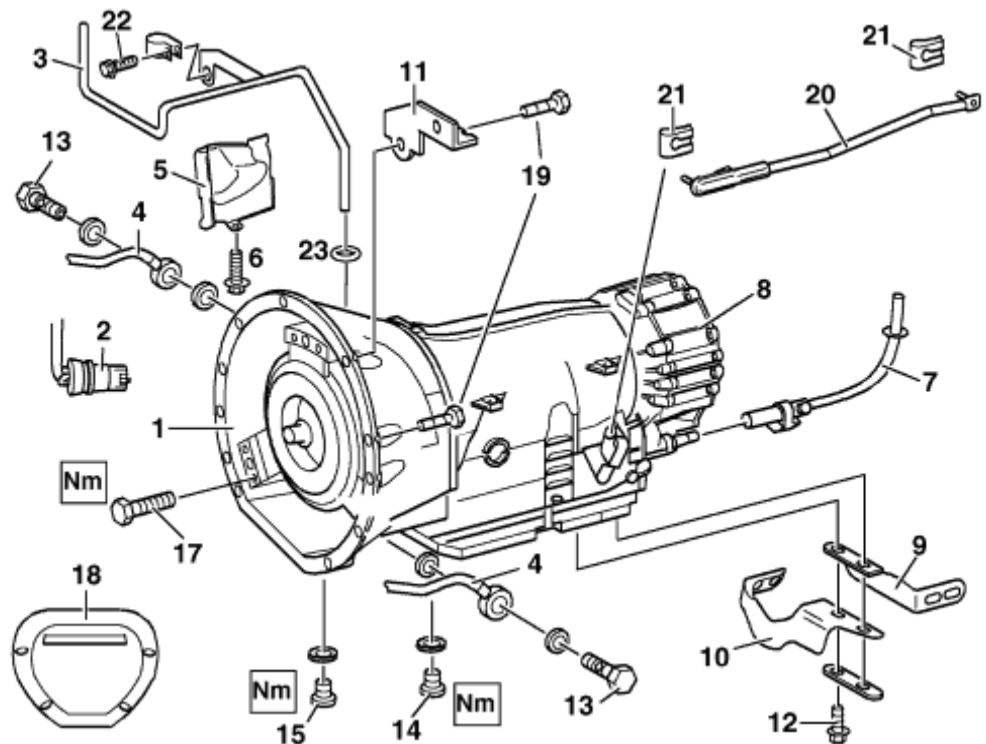
**Illustrated up to VIN A145272,
X708318**

- 1 Torque converter housing
- 2 13-pin plug connection
- 3 Oil filler pipe
- 4 Oil lines
- 5 Shield
- 6 Shield fixing bolt
- 7 Cable for park lock interlock
- 8 Adapter housing for transfer case
- 9 Left exhaust bracket
- 10 Right exhaust bracket
- 11 Retaining plate
- 12 Exhaust bracket bolt
- 13 Oil line bolt
- 14 Oil drain plug to oil pan





















P27.10-0321-06

- 15 Oil drain screw for torque converter
- 17 Torque converter bolt
- 18 Cover in oil pan
- 19 Transmission bolts
- 20 Shift rod
- 21 Securing clamps
- 22 Bolt, oil filler pipe
- 23 O-ring



P27.10-0321-06

	Remove/Install		
1	Disconnect ground cable of battery	i Installation: Code radio, set clock, normalize power windows and set timer in vehicles with stationary heater.	AR54.10-P-0003A
2	Remove transfer case		AR28.10-P-0100GH
3	Unbolt oil filler pipe (3) from crankcase		
4	Remove heat shield (5) and disconnect 13-pin plug connector (2)		

5	Remove locking clips (21) and remove shift rod (20)	 Installation: Adjust shift rod.	AR27.60-P-0980B
		 Pliers	210 589 00 37 00
6	Unscrew oil drain screw on oil pan (14)		BA27.10-P-1001-03A
7.1	Unscrew oil drain screw for torque converter (15)	 If the transmission fluid is burnt or contains wear particles, the oil cooler lines and oil cooler must be flushed out:↓	
		Flush oil cooler and oil cooler lines.	AR27.55-P-0001A
			BA27.20-P-1001-01A
	Oil drain plug at torque converter no longer required	Transmission 722.6	BT27.20-P-0001-01A
8.1	Detach wire for park lock interlock (7) at transmission	 Only up to A145272, X708318. For installation and removal, position selector lever or range selector lever in position "P" and leave in position "P" when cable/transmission is removed.	AR27.60-P-0500-05B
		 Only up to A145272, X708318	AR27.60-P-0965B
		 Installation: Adjust cables for parking shift lock.	
		 Installation: Check function of parking shift lock.	
9	Lambda sensors for primary catalytic converters remove		AR14.00-P-5303GH
10	Unscrew oil lines (4) to oil cooler from transmission		
11	Remove cover in oil pan (18) and disconnect torque converter from driven plate at flange		BA27.20-P-1002-01A
12	Unscrew bolts of transmission (19) at crankcase and take out transmission downwards at an angle using a lifting device	 Push retainer (11) upwards.  Secure torque converter to prevent it from falling out.	
			BA27.40-P-1008-01A
			WH58.30-Z-1009-07A
13	Remove torque converter	 Installation: Grease the torque converter lightly on drive flange.	AR27.20-P-0500-01B
			BR00.45-Z-1010-06A
		 Handle	168 589 00 62 00
14	Install in the reverse order		
15	Inspect ATF level in automatic transmission, add ATF if necessary	 When refilling or after an oil change, pour in approx. 5 l of transmission oil first.	AR27.00-P-0101A

 **Housing**

Number	Designation	Transmission 722.662/663/666/674		
BA27.40-P-1008-01A	Bolt, automatic transmission to engine	M10X40	Nm	40
		M10X90	Nm	40
		M12	Nm	-

Nm Automatic transmission oil pan

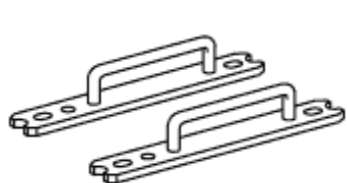
Number	Designation	Transmission 722.6	
BA27.10-P-1001-03A	Oil drain plug on oil pan	Nm	20

Nm 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

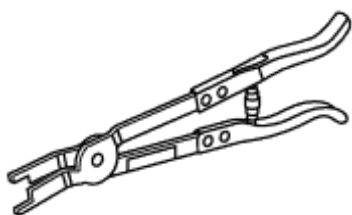
Nm Transfer case, complete unit

Number	Designation	Model 163	
BA28.10-P-1003-01A	Bolt, adapter housing to transmission housing	Nm	20



168 589 00 62 00

Grab handle



210 589 00 37 00

Pliers

Commercially available tools (see Workshop Equipment Manual)

Number	Designation	Company (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