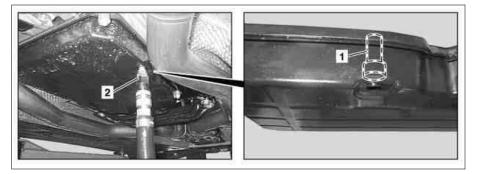
**Transmission** 722.9 (except 722.96/97)

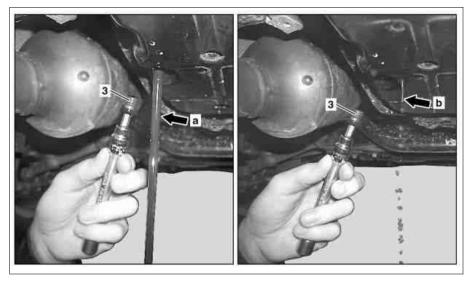
Transmission 722.9

- 1 Overflow pipe
- 2 Adapter



P27.00-2165-04

- 3 Drain screw
- a Constant oil flow for excessively large oil filling capacity and at start of oil adjustment
- b Correct oil filling capacity after draining off excess quantity



P27.00-2330-05

⚠ Caution	Risk of injury to skin and eyes due to handling of transmission oil. Health risk caused by swallowing transmission oil bottles.  Wear protective gand safety glasse Do not pour transbottles.		AS00.40-Z-0001-01A
	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 the vehicle manufacturer.	AS00.00-Z-0010-01A
⚠ Warning	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
	Notes on automatic transmission		AH27.19-P-0001-01NKB
	Fill with transmission oil		
1	Raise vehicle with vehicle lift	Transmission 722.9 (except 722.96/97) in model all Transmission 722.9 in model all	
		Transmission 722.9 (except 722.96/97) in model 205	AR00.60-P-1002LWG
		Transmission 722.9 (except 722.96/97) in model 171.4, 172	AR00.60-P-1000V
		Transmission 722.9 (except 722.96/97) in model 164, 166, 292	AR00.60-P-1000GZ
		Transmission 722.9 (except 722.96/97) in model 219, 231	AR00.60-P-1000TX
		Transmission 722.9 (except 722.96/97) in model 217, 222	AR00.60-P-1000LF
		Transmission 722.9 (except 722.96/97) in model 212, 218	AR00.60-P-0100EWS
		Transmission 722.9 (except 722.96/97) in model 203, 209	AR00.60-P-1000P

1	I	T	AD00 00 D 4000DT
		Transmission 722.9 (except 722.96/97) in model 251	AR00.60-P-1000RT
		Transmission 722.9 (except 722.96/97) in model 216, 221	AR00.60-P-1000SX
		Transmission 722.9 (except 722.96/97) in model 211	AR00.60-P-1000T
		Transmission 722.9 in model 463	AR00.60-P-1000G
		The vehicle must be situated on the lifting platform so that it is level in both the	
		longitudinal and transverse axes.	
2	Check oil pan of transmission	Transmission 722.9 (except 722.96/97) Transmission 722.9	
<b>₽</b> BT	Oil pan and overflow tube modified	Transmission 722.9 (except 722.96/97) as of 6/21/10 with engine 113	BT27.10-P-0006-01A
		Transmission 722.9 (except 722.96/97) as of	
		6/21/10 with engine 156 Transmission 722.9 (except 722.96/97) as of 6/21/10 with engine 157	
		Transmission 722.9 (except 722.96/97) as of	
		6/21/10 with engine 271 Transmission 722.9 (except 722.96/97) as of	
		6/21/10 with engine 272	
		Transmission 722.9 (except 722.96/97) as of 6/21/10 with engine 273	
		Transmission 722.9 (except 722.96/97) as of	
		6/21/10 with engine 276 Transmission 722.9 (except 722.96/97) as of	
		6/21/10 with engine 278 Transmission 722.9 (except 722.96/97) as of	
		6/21/10 with engine 642	
		Transmission 722.9 (except 722.96/97) as of 6/21/10 with engine 651	
<b>⊯</b> BT	Oil pan and overflow tube modified	Transmission 722.901	BT27.10-P-0006-01W
		i The oil pan and the overflow pipe (1) have	
		been redesigned in order to optimize the oil supply of the transmission. It is essential to	
		maintain the transmission oil temperatures of	
		the respective oil pan when checking and correcting the transmission oil level.	
3	Remove drain screw (3)		
4 ₩S	Attach adapter (2) and connect oil dispenser 000 588 06 82 00 Oil dispenser		WS18.00-P-0026B
5	Pump 6 I of automatic transmission fluid into		W616.661 6626B
r≈we	transmission		W040 00 D 0000D
⊯ WS ⊯ BB	000 588 06 82 00 Oil dispenser Automatic transmission fluids (ATF)	Transmission 722.9 (except 722.96/97) up to	WS18.00-P-0026B BB00.40-P-0236-14A
	(specification 236.14)	6/18/10 Transmission 722.9 up to 6/18/10	
<b>⊯</b> BB	Automatic transmission fluids (ATF)	Transmission 722.9 (except 722.96/97) as of	BB00.40-P-0236-15A
	(specification 236.15)	6/18/10 Transmission 722.9 as of 6/18/10	
		i On transmissions that have been repaired	
		add the quantity of transmission oil drained	
		+0.5 l. Transmission 722.9 (except 722.96/97)	*BF27.00-P-1001-01C
		Transmission 722.90Filling capacity	B1 27:00 1 1001 010
6	Start engine		
<i>(</i>	Connect diagnostic system and determine transmission oil temperature		
<b>⊯</b> AD		Transmission 722.9 (except 722.96/97) in	AD00.00-P-2000-04A
		model 164, 166, 171.4, 172, 203, 204, 207, 209, 211, 212, 215, 216, 218, 219, 220, 221,	
		230, 231, 251, 292	
I <b>⇒</b> AD		Transmission 722.9 in model 463 Transmission 722.9 (except 722.96/97) in	AD00.00-P-2000-04B
	Hant transporter to a 22 to 1	model 205, 217, 222	
8.1	Heat transmission oil temperature to 90 °C/194 □	In vehicles with removed/replaced additional transmission cooler.	
8.2	Heat transmission oil temperature to 45 °C/113 □	In vehicles without additional transmission cooler, with tapered oil pan and with white or green overflow pipe.	
8.3	Heat transmission oil temperature to 35 °C/95 □	In vehicles without additional transmission cooler and without tapered oil pan, with black overflow pipe.	
9.1	Switch off engine and allow transmission oil to cool down		
9.2	Turn off engine	In vehicles without additional transmission cooler.	
10	Determine transmission oil temperature		
	ar27 00-n-0270w Fill automatic transmission with transmission	· · · · · · · · · · · · · · · · · · ·	Page 2 of 4

11	Start engine and leave transmission to run in		
12.1	drive range P  Add approx. 4 I transmission oil	After replacing the transmission and torque	
12.1	Add approx. 4 I transmission on	converter.	
₩S	000 588 06 82 00 Oil dispenser	Transmission 722.9 (except 722.96/97) Transmission 722.90Filling capacity	WS18.00-P-0026B *BF27.00-P-1001-01C
12.2	Add approx. 2 I transmission oil	If the torque converter has not been emptied.	
₩S	000 588 06 82 00 Oil dispenser	land.	WS18.00-P-0026B
		Transmission 722.9 (except 722.96/97) Transmission 722.90Filling capacity	*BF27.00-P-1001-01C
	Correct transmission oil level	Transmission 722.551 ming supporty	
13	Shift through drive ranges P R N D several times with the brake applied and the engine idling		
14	Shift transmission to drive range P and let engine run at idle speed		
15	Determine transmission oil temperature	The transmission oil temperature must not exceed the specified value because the overflow pipe (1) in the oil pan is designed for the corresponding transmission oil temperature.  ☐ On transmissions with tapered oil pan and with white or green overflow pipe (1), the transmission oil temperature must be 45 °C/113 □. ☐ On transmissions without tapered oil pan and with black overflow pipe (1), the transmission oil temperature must be	
16	Detach adapter (2) from oil pan	35 °C/95 □.	
17	Drain off constant oil stream (arrow a) at specified transmission oil temperature until only drops come out (refer to correct oil filling capacity (arrow b))	The engine must be idling and the transmission oil temperature must not be above the relevant specified transmission oil temperature.  Otherwise, at higher transmission oil temperatures, too much transmission oil is drained off.  I If the oil stream is not constant when the drain screw (3) is opened, the transmission oil	
		level must be corrected (from step 11 onwards) and then adjusted again.  i On transmissions with tapered oil pan and with white or green overflow pipe (1), the transmission oil temperature must be 45 °C/113 □.  i On transmissions without tapered oil pan and with black overflow pipe (1), the transmission oil temperature must be 35 °C/95 □.	
18	Screw in drain screw (3)	i Replace seal.	
		Nm Drain screw to oil pan	*BA27.10-P-1001-03D
19	Turn off engine		
20 ► A D	Disconnect diagnostic system	Transmission 722.9 (except 722.96/97) in model 164, 166, 171.4, 172, 203, 204, 207, 209, 211, 212, 215, 216, 218, 219, 220, 221, 230, 231, 251, 292	AD00.00-P-2000-04A
<b>⊯</b> AD		Transmission 722.9 in model 463 Transmission 722.9 (except 722.96/97) in model 205, 217, 222	AD00.00-P-2000-04B
21	Remove vehicle from lifting platform	Transmission 722.9 (except 722.96/97) in model all	
		Transmission 722.9 in model all Transmission 722.9 (except 722.96/97) in model 205	AR00.60-P-1002LWG
		Transmission 722.9 (except 722.96/97) in model 171, 172	AR00.60-P-1000V
		Transmission 722.9 (except 722.96/97) in model 164, 166, 292	AR00.60-P-1000GZ
		Transmission 722.9 (except 722.96/97) in model 219, 231 Transmission 722.9 (except 722.96/97) in	AR00.60-P-1000TX AR00.60-P-1000LF
		model 217, 222 Transmission 722.9 (except 722.96/97) in	AR00.60-P-0100EWS
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Transmission 722.9 (except 722.96/97) in model 203, 209	AR00.60-P-1000P
Transmission 722.9 (except 722.96/97) in model 251	AR00.60-P-1000RT
Transmission 722.9 (except 722.96/97) in model 216, 221	AR00.60-P-1000SX
Transmission 722.9 (except 722.96/97) in model 211	AR00.60-P-1000T
Transmission 722.9 in model 463	AR00.60-P-1000G

## Nm Automatic transmission oil pan

Number	Designation	Transmission 722.9
BA27.10-P-1001-03D	Drain screw to oil pan Nm	22

## Automatic transmission

Number	Designation			Transmission 722.90/932/95/99	Transmission 722.930/931
BF27.00-P-1001-01C	Filling capacity	with complete refill	Liter	9,0	7,1
		with oil change	Liter	-	-
		Sheet		BB00.40-P-0236-14A	BB00.40-P-0236-14 A
		Sheet		BB00.40-P-0236-15A	BB00.40-P-0236-15 A