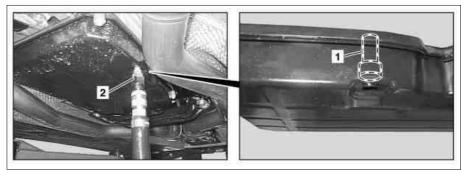
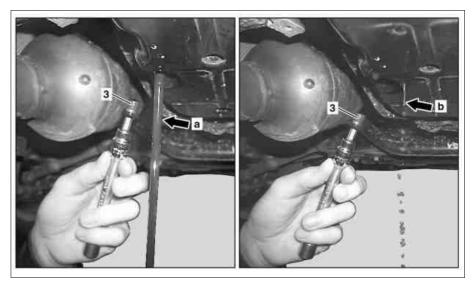
Transmission722.9 (except 722.96/97)Transmission722.9

- 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	Wear protective gloves, protective clothing and safety glasses. Do not pour transmission oil into beverage bottles.	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

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		Transmission 722.9 (except 722.96/97) in	AR00.60-P-1000RT
		model 251 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 as of model year 2010 up to model year 2013	AR00.60-P-1000G
		i 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	
j≆°BT	Oil pan and overflow tube modified	Transmission 722.9 (except 722.96/97) as of 6/21/10 with engine 113 Transmission 722.9 (except 722.96/97) as of 6/21/10 with engine 156 Transmission 722.9 (except 722.96/97) as of	BT27.10-P-0006-01A
		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	
l≆ືBT	Oil pan and overflow tube modified	6/21/10 with engine 651 Transmission 722.901 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.	BT27.10-P-0006-01W
3	Remove drain screw (3)		
4 ⊯≆‴WS	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		
₩S	transmission 000 588 06 82 00 Oil dispenser		WS18.00-P-0026B
i≆ BB	Automatic transmission fluids (ATF) (specification 236.14)	Transmission 722.9 (except 722.96/97) up to 6/18/10	BB00.40-P-0236-14A
BB	Automatic transmission fluids (ATF) (specification 236.15)	Transmission 722.9 up to 6/18/10 Transmission 722.9 (except 722.96/97) as of 6/18/10 Transmission 722.9 as of 6/18/10	BB00.40-P-0236-15A
		i On transmissions that have been repaired, add the quantity of transmission oil drained +0.5 I.	*BF27.00-P-1001-01C
		Transmission 722.9 (except 722.96/97) Transmission 722.90Filling capacity	BF27.00-F-1001-01C
6 7	Start engine Connect diagnostic system and determine transmission oil temperature		
Ĩ₩ĨAD		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 Transmission 722.9 in model 463	AD00.00-P-2000-04A
₩AD		up to model year 2019 Transmission 722.9 (except 722.96/97) in	AD00.00-P-2000-04B
	Heat transmission oil temperature to 90 °C/194 □	up to model year 2019	AD00.00-P-2000-04B
№ AD 8.1 8.2		up to model year 2019Transmission 722.9 (except 722.96/97) in model 205, 217, 222In vehicles with removed/replaced additional transmission cooler.In vehicles without additional transmission cooler, with tapered oil pan and with white or	AD00.00-P-2000-04B
8.1	90 °C/194 □ Heat transmission oil temperature to	up to model year 2019 Transmission 722.9 (except 722.96/97) in model 205, 217, 222 In vehicles with removed/replaced additional transmission cooler. In vehicles without additional transmission	AD00.00-P-2000-04B

9.2	Turn off engine	In vehicles without additional transmission cooler.	
10	Determine transmission oil temperature		
11	Start engine and leave transmission to run in drive range P		
12.1	Add approx. 4 I transmission oil	After replacing the transmission and torque converter.	
₩S	000 588 06 82 00 Oil dispenser ご 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.	
™ ¥ ¥ ¥ \$	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
	Correct transmission oil level		
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	 I 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. 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 □. 	
16	Detach adapter (2) from oil pan		
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. 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.	*DA07.40 D.4004.00D
19	Turn off engine	Mm Drain screw to oil pan	*BA27.10-P-1001-03D
20	Disconnect diagnostic system		
20 I≆TAD		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 Transmission 722.9 in model 463 up to model year 2019 Transmission 722.9 (except 722.96/97) in	AD00.00-P-2000-04A
	Domovo vobiala fram lifting substance	model 205, 217, 222	
01	Remove vehicle from lifting platform	Transmission 722.9 (except 722.96/97) in model all Transmission 722.9 in model all	
21		Transmission 722.9 (except 722.96/97) in model 205 Transmission 722.9 (except 722.96/97) in model 171, 172 Transmission 722.9 (except 722.96/97) in model 164, 166, 292 Transmission 722.9 (except 722.96/97) in	AR00.60-P-1002LWG AR00.60-P-1000V AR00.60-P-1000GZ AR00.60-P-1000TX

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Transmission 722.9 (e model 217, 222	except 722.96/97) in	AR00.60-P-1000LF
Transmission 722.9 (e model 212, 218	except 722.96/97) in	AR00.60-P-0100EWS
Transmission 722.9 (e model 203, 209	except 722.96/97) in	AR00.60-P-1000P
Transmission 722.9 (e model 251	except 722.96/97) in	AR00.60-P-1000RT
Transmission 722.9 (e model 216, 221	except 722.96/97) in	AR00.60-P-1000SX
Transmission 722.9 (e model 211	except 722.96/97) in	AR00.60-P-1000T
Transmission 722.9 in as of model year 201	n model 463 0 up to model year 2013	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
					Α
		Sheet		BB00.40-P-0236-15A	BB00.40-P-0236-15
					Α