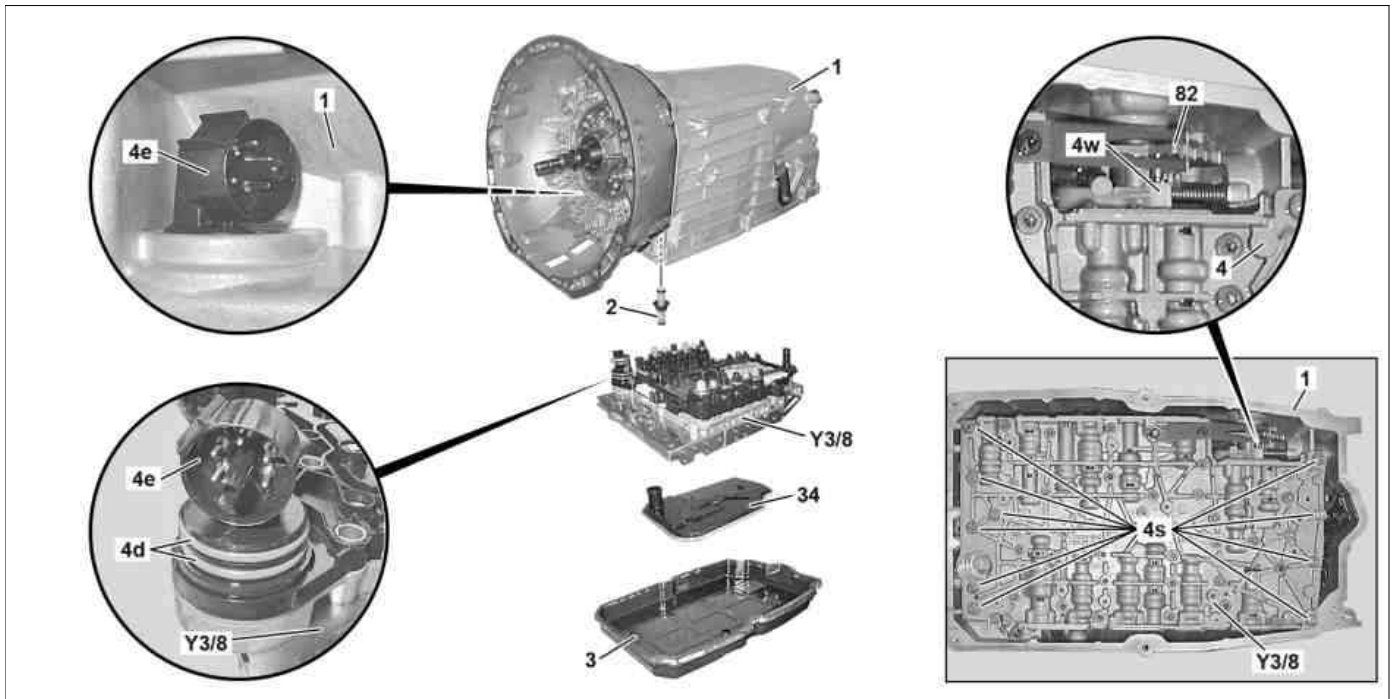


Transmission 722.9



P27.19-2188-09

Shown on transmission MODEL 211

- 1 Transmission housing
- 2 B3-Oil guide pipe
- 3 Oil pan
- 4d O-rings
- 4e Transmission plug
- 4s Bolts (10 pcs.)
- 4w Selector valve
- 34 Oil filter
- 82 Detent plate
- Y3/8 Electric control unit (VGS)

	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
	Information on preventing damage to electronic components due to electrostatic discharge		AH54.00-P-0001-01A
	Notes on self-locking nuts and bolts		AH00.00-N-0001-01A
	Notes on automatic transmission		AR27.19-P-0001-01NKB
	Remove/install		
1	Switch off ignition and remove transmitter key		
2	Remove heat shield above the transmission connector (4e)	Transmission 722.9 in model 164, 166, 171, 172, 203, 204, 205, 207, 209, 211, 212, 215, 216, 217, 218, 219, 220, 221, 222, 230, 231, 251 Transmission 722.9 in model 463 Transmission 722.9 in model 217, 222 Transmission 722.9 in model 204, 207 Transmission 722.9 in model 172, 218 Transmission 722.9 in model 212 Transmission 722.9 in model 164, 166.0, 251 Transmission 722.9 in model 216.3, 221.0/1 Transmission 722.9 in model 171, 203, 209, 211, 219 Transmission 722.9 in model 230 Transmission 722.9 in model 231 Transmission 722.9 in model 463 Bolt, leaf spring to transmission housing	AR27.40-P-0700-01LF AR27.40-P-0700-01CW AR27.40-P-0700-01EW AR27.40-P-0700-01GZ AR27.40-P-0700-01SX AR27.40-P-0700-01V AR27.40-P-0700-01RX AR27.40-P-0700-01RK *BA27.40-P-1013-01E

		<p>Nm Transmission 722.9 in model 164, 166, 171, 172, 203, 204, 205, 207, 209, 211, 212, 215, 216, 217, 218, 219, 220, 221, 222, 230, 231, 251 Bolt, leaf spring to transmission housing</p> <p>Nm Transmission 722.9 in model 463 Bolt, heat shield to transmission housing</p> <p>Nm Transmission 722.9 in model 164, 166, 171, 172, 203, 204, 205, 207, 209, 211, 212, 215, 216, 217, 218, 219, 220, 221, 222, 230, 231, 251 Bolt, heat shield to transmission housing</p>	<p>*BA27.40-P-1019-01A</p> <p>*BA27.40-P-1003-01E</p> <p>*BA27.40-P-1014-01A</p>
3	Remove oil pan (3)		AR27.10-P-7030W
4	Remove oil filter (34)	i Installation: Replace oil filter (34).	
5	Disconnect 5-pin electrical connection at transmission connector (4e)	i Clean transmission connector (4e) and electrical connection at electric controller unit (VGS) (Y3/8).	
6	Unscrew screws/bolts (4s) and remove electric controller unit (VGS) (Y3/8)	<p>i If electric controller unit (VGS) (Y3/8) is jammed, carefully pry it off with sealing surfaces covered up. The sealing surfaces on the transmission housing (1) may otherwise be damaged.</p> <p>i If electric controller unit (VGS) (Y3/8) is jammed, pry it off transmission housing (1) using a suitable tool.</p> <p>i Installation: Replace bolts (4s) and B3 oil guide pipe (2). Insert B3 oil guide pipe (2) into the transmission housing (1) before installing the electric controller unit (VGS) (Y3/8).</p> <p>i Installation: When installing electric controller unit (VGS) (Y3/8), insert selector valve (4w) into driver of detent plate (82).</p> <p style="text-align: center;">↓</p> <p>Insert selector valve into driver of detent plate</p> <p>Nm Transmission 722.9 Bolt, electrohydraulic controller unit to transmission housing</p>	<p>AR27.19-P-0200-01A</p> <p>*BA27.19-P-1001-01A</p>
7	Install in the reverse order		
	Check		
8	Check transmission oil level and correct if necessary	<p>Transmission 722.96</p> <p>Transmission 722.9 (except 722.96/97)</p>	<p>AR27.00-P-0270SYZ</p> <p>AR27.00-P-0270W</p>
9	Read out fault memory and erase if necessary	<p>Transmission 722.9 in model 164, 166, 171, 172, 203, 204, 205, 207, 209, 211, 212, 215, 216, 217, 218, 219, 220, 221, 222, 230, 231, 251</p> <p>Transmission 722.9 in model 463</p> <p>Transmission 722.9 in model 205, 217, 222</p> <p>Model 164, 166, 171.4, 172, 203, 204, 207, 209, 211, 212, 215, 216, 218, 219, 220, 221, 230, 231, 251 with transmission 722.9</p> <p>Model 463 with transmission 722.9 with data link connector</p>	<p>AD00.00-P-2000-04B</p> <p>AD00.00-P-2000-04A</p>
10	Perform transmission adaptation	i After replacing or repairing transmission, perform transmission adaptation.	
	Check		
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 buttoned-up and snug-fitting work clothes. Do not touch hot or rotating parts.	AS00.00-Z-0005-01A
11	Test run engine and check transmission for leaktightness and proper operation	i Installation: Shift through the gears of the transmission a few times before putting into service in order to flush any air pockets out of the electric controller unit (VGS) (Y3/8).	

Nm Electrohydraulic controller unit

Number	Designation	Transmission 722.9		
BA27.19-P-1001-01A	Bolt, electrohydraulic controller unit to transmission housing	Stage 1	Nm	4

	Stage 2	Δ°	90
	Stage 3	Δ°	–

Nm Housing

Number	Designation		Transmission 722.9 in model 463
BA27.40-P-1003-01E	Bolt, heat shield to transmission housing	Nm	9

Nm Housing

Number	Designation		Transmission 722.9 in model 463
BA27.40-P-1013-01E	Bolt, leaf spring to transmission housing	Nm	5

Nm Housing

Number	Designation		Transmission 722.9
BA27.40-P-1014-01A	Bolt, heat shield to transmission housing	Nm	9

Nm Housing

Number	Designation		Transmission 722.9
BA27.40-P-1019-01A	Bolt, leaf spring to transmission housing	Nm	5