

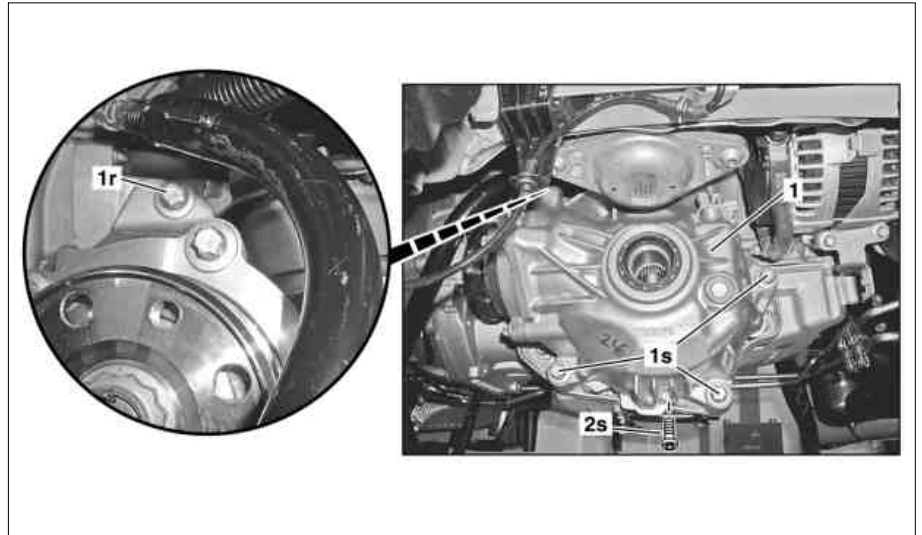
MODEL 204, 207, 212, 218 with TRANSMISSION 722.96

MODEL 212, 218 with TRANSMISSION 722.97

Modification notes











11.7.14	Hypoidgetriebeöl	TYP 204	BF33.30-P-1001-03F
11.7.14	Hypoidgetriebeöl	TYP 207	BF33.30-P-1001-03F
11.7.14	Hypoidgetriebeöl	TYP 212	BF33.30-P-1001-03F
11.7.14	Hypoidgetriebeöl	TYP 218	BF33.30-P-1001-03F


- 1 Front axle gear
 1r Screw
 1s Bolts
 2s Drain screw




P33.30-2122-05

	Remove		
1	Remove front axle carrier	MODEL 204, 207 with TRANSMISSION 722.96 MODEL 212, 218 with TRANSMISSION 722.96 MODEL 212, 218 with TRANSMISSION 722.97	AR33.10-P-0001CW AR33.10-P-0001EW
2	Detach propeller shaft from front axle transmission (1)	MODEL 204, 207.3 with TRANSMISSION 722.96 Vehicles with 4MATIC MODEL 212, 218 with TRANSMISSION 722.97 MODEL 212.08/09/28/29, 218.39/99 with TRANSMISSION 722.96 ⓘ Absolute cleanliness is essential when working on the front axle transmission (1). If this is not ensured, even minute dirt particles can prevent the front axle transmission (1) from functioning correctly or damage it.	AR41.10-P-0070CWX AR41.10-P-0070EWX
3	Remove intermediate shaft	MODEL 204.08/09/28/29/38/93/98 with TRANSMISSION 722.96 MODEL 207, 212, 218 with TRANSMISSION 722.96 with CODE M005 (4MATIC) MODEL 212, 218 with TRANSMISSION 722.97 with CODE M005 (4MATIC)	AR33.30-P-0625CWX
4	Remove screws/bolts (1r, 1s) and remove front axle differential (1)	ⓘ Absolute cleanliness is essential when working on the front axle transmission (1). If this is not ensured, even minute dirt particles can prevent the front axle transmission (1) from functioning correctly or damage it.	
	Install		


5	Check that pilot bushing is seated correctly in oil pan		
6	Attach front axle transmission (1) to front axle	 It is essential to observe tightening sequence. If this is not observed, there may be noise or vibrations in the front axle transmission.  Collar bolt, front axle gear to support brace  Collar bolt, front axle gear to engine support	AR33.30-P-0525-04CWX *BA33.30-P-1006-03G *BA33.30-P-1007-03G
7	Remove drain screw (2s) and drain oil from front axle transmission (1)	 Front axle transmission drain screw	*BA33.30-P-1008-03G
8	 BB Fill front axle transmission (1) with oil Universal hypoid gear oils (specification 235.7)	 The front axle transmission does not have an oil filler hole and must be filled via the front axle shaft opening.  Hypoid gear oil	BB00.40-P-0235-07A *BF33.30-P-1001-03F
9	Install intermediate shaft	MODEL 204.08/09/28/29/38/93/98 with TRANSMISSION 722.96 MODEL 207, 212, 218 with TRANSMISSION 722.96 with CODE M005 (4MATIC) MODEL 212, 218 with TRANSMISSION 722.97 with CODE M005 (4MATIC)	AR33.30-P-0625CWX
10	Attach propeller shaft to front axle transmission (1)	MODEL 204, 207.3 with TRANSMISSION 722.96 Vehicles with 4MATIC MODEL 212, 218 with TRANSMISSION 722.97 MODEL 212.08/09/28/29, 218.39/99 with TRANSMISSION 722.96  Absolute cleanliness is essential when working on the front axle transmission (1). If this is not ensured, even minute dirt particles can prevent the front axle transmission (1) from functioning correctly or damage it.  It is essential to observe the tightening torque. Failure to do so will result in noises and vibrations in the front axle differential.	AR41.10-P-0070CWX AR41.10-P-0070EWX
11	Install front axle carrier	MODEL 204, 207 with TRANSMISSION 722.96 MODEL 212, 218 with TRANSMISSION 722.96 MODEL 212, 218 with TRANSMISSION 722.97	AR33.10-P-0001CW AR33.10-P-0001EW
 Danger !	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
12	Perform engine test run and check front axle transmission (1) for leaks and that it is functioning correctly		

 Front axle gear


Number	Designation		MODEL 204	MODEL 207
BA33.30-P-1006-03G	Collar bolt, front axle gear to support brace	Nm	65	65

 Front axle gear


Number	Designation		MODEL 212	MODEL 218
BA33.30-P-1006-03G	Collar bolt, front axle gear to support brace	Nm	65	65

 Front axle gear


Number	Designation			MODEL 204	MODEL 207
BA33.30-P-1007-03G	Collar bolt, front axle gear to engine support	Stage 1	Nm	5	5
		Stage 2	Nm	50	50
		Stage 3	∠°	95	95

 Front axle gear


Number	Designation			MODEL 212	MODEL 218
BA33.30-P-1007-03G	Collar bolt, front axle gear to engine support	Stage 1	Nm	5	5
		Stage 2	Nm	50	50
		Stage 3	∠°	95	95

 Front axle gear


Number	Designation			MODEL 204	MODEL 207
BA33.30-P-1008-03G	Front axle transmission drain screw		Nm	20	20

 Front axle gear

Number	Designation			MODEL 212	MODEL 218
BA33.30-P-1008-03G	Front axle transmission drain screw		Nm	20	20

 Front axle gear

Number	Designation			MODEL 204	MODEL 207
BF33.30-P-1001-03F	Hypoid gear oil	Filling capacity	Liter	0,55	0,55
		Sheet		BB00.40-P-0235-07A	BB00.40-P-0235-07A

 Front axle gear

Number	Designation			MODEL 212	MODEL 218
BF33.30-P-1001-03F	Hypoid gear oil	Filling capacity	Liter	0,55	0,55
		Sheet		BB00.40-P-0235-07A	BB00.40-P-0235-07A