

P28.10-2216-09

Shown on model 211

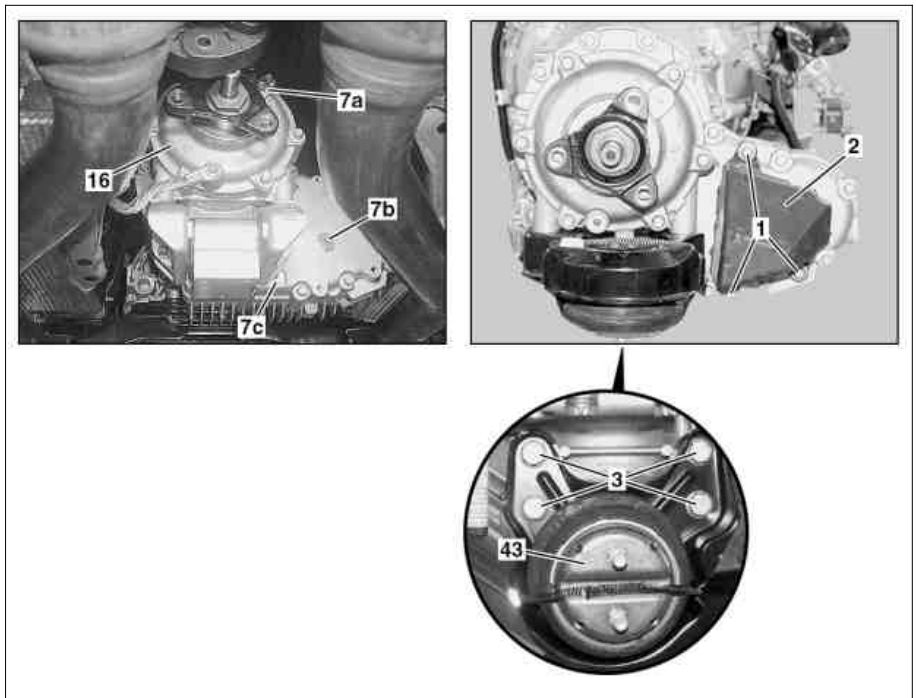
- 6 Heat shield
- 16 Transfer case

42 Engine crossmember

43 Rear engine mount

Shown on model 211

- 1 Bolts
- 2 Vibration damper
- 3 Bolts
- 7a Oil filler opening screw plug
- 7b Inspection hole screw plug
- 7c Oil drain opening screw plug
- 16 Transfer case
- 43 Rear engine mount



P28.10-2217-06

Modification notes

31.1.06	Transmission oil, Specifications for Operating Fluids	*BF28.10-P-1001-01D
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	Remove/install		
	Notes on self-locking nuts and bolts		AH00.00-N-0001-01A
1	Raise vehicle with lifting platform	Model 203 Model 211 Model 220	AR00.60-P-1000P AR00.60-P-1000T

2	Detach heat shield (6) for propeller shaft behind the transfer case (16).		
3	Detach rear propeller shaft from transfer case (16)	Flexible disk remains on propeller shaft.	
4	Loosen fitted sleeves of flexible coupling and push back propeller shaft	If the fitted sleeves are jammed: ↓ Detach fitting sleeves from flexible couplings. Model 203, 211 Model 220 Installation: Mount propeller shaft on transmission: Model 203 Model 211, 220	AR41.10-P-0050-09DA AR41.10-P-0050-09I AR41.10-P-0050-07EA AR41.10-P-0050-07I
5	Remove engine crossmember (42) and rear engine mount (43)	See Remove rear engine mount (43): Model 203 Model 211 except 211.084 /089 /284 /289 Model 211.084 /089 /284 /289 Model 220	AR22.10-P-1160PW AR22.10-P-1160TW AR22.10-P-1160TI AR22.10-P-1160IW
6	Remove vibration damper (2) on transfer case (16)	Models 203, 211, 220 with engine 112 Model 211 with engine 272 Model 211 with engine 642 	*BA28.10-P-1008-01C
7	Clean the area around the screw plugs (7a, 7b)	Clean all screw plugs.	
8	Unscrew screw plug from oil drain opening (7c), drain oil	The vehicle must be horizontal during the oil change. Only carry out the oil change when the transfer case (16) is at operating temperature. Collect the oil using a suitable container and allow to drain off completely. 	*BA28.10-P-1006-01C
9	Unscrew screw plug from check opening (7b) and screw plug from oil filler opening (7a), pour in oil	Add oil via the oil filler opening until it runs out of the inspection opening. Let oil escape for roughly 1 to 2 min. and then turn in the screw plug (7b) of the inspection opening and tighten. 	*BA28.10-P-1004-01C *BA28.10-P-1005-01C *BF28.10-P-1001-01D
10	Check transfer case oil level	Model 203, 211 Model 220	AR28.10-P-1000-26P AR28.10-P-1000-26I
11	Install in the reverse order		


Transfer case complete

Number	Designation	Model 203.08/09/ 28/29
BA28.10-P-1004-01C	Oil filler opening screw plug	Nm 30
BA28.10-P-1005-01C	Inspection hole screw plug	Nm 30
BA28.10-P-1006-01C	Oil drain opening screw plug	Nm 30
BA28.10-P-1008-01C	Bolt, vibration damper to transfer case	Nm 20

Transfer case complete

Number	Designation	Model 211.08/09/ 28/29 except model 211.083/283	Model 211.083/283


BA28.10-P-1004-01C	Oil filler opening screw plug	Nm	30	30
BA28.10-P-1005-01C	Inspection hole screw plug	Nm	30	30
BA28.10-P-1006-01C	Oil drain opening screw plug	Nm	30	30
BA28.10-P-1008-01C	Bolt, vibration damper to transfer case	Nm	20	-

 **Transfer case complete**

Number	Designation		Model 220.08/18 except model 220.087/187	Model 220.087/187
BA28.10-P-1004-01C	Oil filler opening screw plug	Nm	30	30
BA28.10-P-1005-01C	Inspection hole screw plug	Nm	30	30
BA28.10-P-1006-01C	Oil drain opening screw plug	Nm	30	30
BA28.10-P-1008-01C	Bolt, vibration damper to transfer case	Nm	-	20

 **Transfer case complete**

Number	Designation		Model 203.08/09/28/29	Model 211.08/09/ 28/29	
BF28.10-P-1001-01D	Gear oil	Filling capacity	Liters	0.59	0.59
		Specifications for Operating Fluids	Sheet	BB00.40-P-0236-13A	BB00.40-P-0236-13A

 **Transfer case complete**

Number	Designation		Model 220.083/084/ 087/183/184/187	
BF28.10-P-1001-01D	Gear oil	Filling capacity	Liters	0.59
		Specifications for Operating Fluids	Sheet	BB00.40-P-0236-13A