

24.11.08

P28.10-2216-09

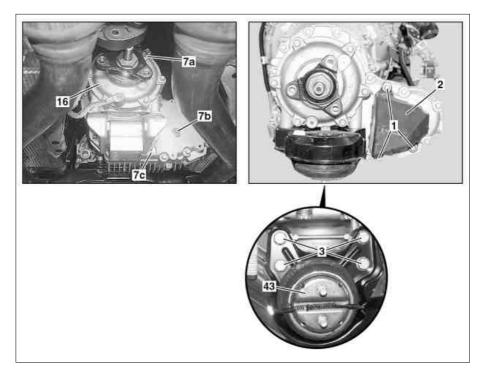
Shown on model 211

- 6 Heat shield
- 16 Transfer case

#### 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

- 42 Engine crossmember
- 43 Rear engine mount



P28.10-2217-06

#### **Modification notes**

31.1.06	Transmission oil, Specifications for Operating Fluids	*BF28.10-P-1001-01D

XX	Remove/install		
	Notes on self-locking nuts and bolts		AH00.00-N-0001-01A
1	Raise vehicle with lifting platform	Model 203	AR00.60-P-1000P
		Model 211	AR00.60-P-1000T
		Model 220	

2	Detach heat shield (6) for propeller shaft behind the transfer case (16).		
3	Detach rear propeller shaft from transfer case (16)	i Flexible disk remains on propeller shaft.	
4	Loosen fitted sleeves of flexible coupling and push back propeller shaft	If the fitted sleeves are jammed: $\downarrow$	
		Detach fitting sleeves from flexible couplings.	
		Model 203, 211	AR41.10-P-0050-09DA
		Model 220	AR41.10-P-0050-09I
		<b>i</b> Installation: Mount propeller shaft on transmission:	
		Model 203	AR41.10-P-0050-07EA
		Model 211, 220	AR41.10-P-0050-07I
5	Remove engine crossmember (42) and rear engine mount (43)	See Remove rear engine mount (43):	
		Model 203	AR22.10-P-1160PW
		Model 211 except 211.084 /089 /284 /289	AR22.10-P-1160TW
		Model 211.084 /089 /284 /289	AR22.10-P-1160TI
		Model 220	AR22.10-P-1160IW
6	Remove vibration damper (2) on transfer	Models 203, 211, 220 with engine 112	
	case (16)	Model 211 with engine 272 Model 211 with engine 642	
		Nm	*BA28.10-P-1008-01C
	01		DA20.10-P-1000-01C
7	Clean the area around the screw plugs (7a, 7b)	i Clean all screw plugs.	
8	Unscrew screw plug from oil drain opening	<b>i</b> The vehicle must be horizontal during the	
	(7c), drain oil	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.	
		Nm	*BA28.10-P-1006-01C
9	Unscrew screw plug from check opening	i Add oil via the oil filler opening until it	
•	(7b) and screw plug from oil filler opening	runs out of the inspection opening. Let oil	
	(7a), pour in oil	escape for roughly 1 to 2 min. and then turn	
		in the screw plug (7b) of the inspection	
		opening and tighten.	
		Nm	*BA28.10-P-1004-01C
		Nm	*BA28.10-P-1005-01C
		<u>۳</u>	*BF28.10-P-1001-01D
10	Check transfer case oil level	Model 203, 211	AR28.10-P-1000-26P
		Model 220	AR28.10-P-1000-26I
11	Install in the reverse order		

# Nm Transfer case complete

Number	Designation	Model 203.08/09/ 28/29
BA28.10-P-1004-01C	Oil filler opening screw plug Nr	n 30
BA28.10-P-1005-01C	Inspection hole screw plug Nr	n 30
BA28.10-P-1006-01C	Oil drain opening screw plug Nr	n 30
BA28.10-P-1008-01C	Bolt, vibration damper to transfer case Nr	1 20

# Nm Transfer case complete

Number De	Designation Model 211.08/ 28/29 except 211.083	/09/ 211.083/283	
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BA28.10-P-1004-01C	Oil filler opening screw plug Nr	n 30	30
BA28.10-P-1005-01C	Inspection hole screw plug Nr	n 30	30
BA28.10-P-1006-01C	Oil drain opening screw plug Nr	n 30	30
BA28.10-P-1008-01C	Bolt, vibration damper to transfer case Nr	n 20	-

### **Nm** 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 Nn	30	30
BA28.10-P-1005-01C	Inspection hole screw plug Nn	30	30
BA28.10-P-1006-01C	Oil drain opening screw plug Nn	30	30
BA28.10-P-1008-01C	Bolt, vibration damper to transfer case Nn	-	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 Sheet Fluids	BB00.40-P-0236-13A	BB00.40-P-0236-13A

# Transfer case complete

Number			220.083		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	