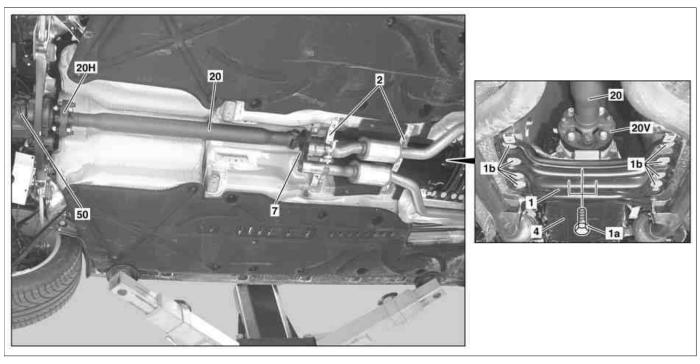
MODEL 216, 221 without 4MATIC



P41.10-2284-09

Shown on model 221.171

- 1 Engine crossmember
- 1a Screw
- 1b Screw
- 2 Stiffening bridge

- 4 Transmission
- 7 Propeller shaft center support bearing
- 20 Propeller shaft

20H Rear flex disk 20V Front flex disk

50 Differential

Modification notes

2	5.6.10	Value modified: Self-locking nut, flexible coupling to	*BA41.10-P-1001-01H
		transmission and front propeller shaft, M12	
		Value changed: Self-locking nut, flex disk to rear propeller	*BA41.10-P-1002-01H
		shaft or rear axle differential M12	

XX	Remove/install		
(1)	Notes on bolted connections with self tapping screws		AH00.00-P-0007-01SF
1	Move DIRECT SELECT gear selector switch to "N" position		
2	Remove exhaust system as of flange connection	See Remove exhaust system components:	
		Vehicles with gasoline engine	AR49.10-P-7100SX
		Vehicles with diesel engine	AR49.10-P-7100SXI
3	Remove bolts (1a, 1b) and rear engine crossmember (1)	Except engine 651	AR22.10-P-1180SX
		Engine 651	
4	Remove 3 heat shields from vehicle underbody		
5	Detach stiffening bridge (2) from vehicle underbody	Nm	*BA61.10-P-1001-01G
		Nm	*BA61.10-P-1002-01G
6	Mark propeller shaft (20)	Apply color markings of the position of the propeller shaft (20) relative to the flanges on the transmission (4) and rear axle center assembly (50) in order to reproduce the plant installation position when installing.	
7	Mark propeller shaft intermediate bearing (7)	i Apply color markings of position of propeller shaft center support bearing (7) relative to vehicle underbody in order to reproduce the plant installation position when installing.	

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8	Loosen bolts on propeller shaft center support bearing(s) (7)		AR41.10-P-0050-10SX
		i Installation: The bolts must not be tightened until the propeller shaft (20) is firmly mounted on the transmission (4) and rear axis center assembly (50).	
		i On models 221.154/ 156 the front propeller shaft center support bearing is mounted to the vehicle underbody with 2 bolts and the rear propeller shaft center support bearing is mounted to the vehicle underbody with 4 bolts.	
9	Detach front flex disk (20V) from transmission (4)	propeller shaft (20).	AR41.10-P-0050-02SX
		installation: Mount propeller shaft (20) on transmission (4).	AR41.10-P-0050-07SX
		Nm	*BA41.10-P-1001-01H
10	Detach rear flex disk (20H) from rear axle center assembly (50)	The flex disk (20H) remains on the propeller shaft (20).	AR41.10-P-0050-03SX
		installation: Mount propeller shaft (20) on rear axle center assembly (50).	
		Nm	*BA41.10-P-1002-01H
11	Loosen fitting sleeves in flex disks (20H, 20V)		AR41.10-P-0050-09SX
₩₩F	Drift for loosening fitting sleeves in flex disks.		WF58.50-P-4110-01A
12	Remove bolts on propeller shaft center support bearing(s) (7) and remove propeller shaft (20) downwards	i Secure propeller shaft (20) against falling.	
4	Checking		
13	Check propeller shaft intermediate bearing (7) for wear and damage	If necessary remove/install propeller shaft center support bearing (7) and replace grooved ball bearing.	AR41.10-P-0100SX
14	Check centering sleeves for wear	If necessary replace centering sleeve.	AR41.10-P-0200SX
15	Check flex disks (20H, 20V)		
₩AP	Check propeller shaft flex disks for signs of damage and deformation		AP41.10-P-4152SX
16	Install in the reverse order		

$\overline{^{\rm Nm}}$ Propeller shaft center support bearing

Number	Designation		Model 216	Model 221
BA41.40-P-1001-01E	Bolt, propeller shaft center support bearing to frame floor assembly	Self-tapping screw Nm	25	25
		Bolt with washer Nm	-	30

Nm Propeller shaft

Number	Designation	Model 216	Model 221
BA41.10-P-1001-01H	Self-locking nut, flex disk to transmission or front M12 Nm propeller shaft	68	68
BA41.10-P-1002-01H	Self-locking nut, flex disk to rear propeller shaft or M12 Nm differential	68	68

Nm Frame floor assembly

Number Designation Mo	Model 216	Model 221	
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BA61.10-P-1001-01G	Nut, front stiffening bridge to frame floor assembly	Nm	40	40
BA61.10-P-1002-01G	Bolt, rear stiffening bridge to frame floor assembly	Nm	23	23