








P35.10-2086-09

Modification notes

2.12.09	Value changed: Self-locking bolt of front rubber mount of rear axle carrier to frame floor assembly	Model 209 with code P98	*BA35.10-P-1001-01A
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	Remove/install		
Danger!	Risk of death caused by vehicle slipping or toppling off the lifting platform.	Align vehicle between columns of vehicle lift and position four support plates at vehicle lift support points specified by vehicle manufacturer.	AS00.00-Z-0010-01A
	Notes on self-locking nuts and bolts		AH00.00-N-0001-01A
Installation	Caution, important note: The threads in the frame floor assembly must be recut and blown out, as any adhesive residue in a thread will prevent the bolt's necessary preload force from being achieved, despite having reached the specified torque and specified angle of rotation. If this is not observed then the faulty bolt pretension force will cause transverse forces to be applied to the bolt, which may cause the bolt to fracture		
Installation	Only tighten nuts and bolts of chassis components when vehicle is in a ready-to-drive condition.		
1	Secure vehicle on the lifting platform		
2	AP Remove rear wheels Remove/install wheels		AP40.10-P-4050Z
3	Detach underfloor paneling (131) at rear	Unscrew the rear four plastic nuts of the respective underfloor paneling (131) and push down the underfloor paneling (131). Do not bend the underfloor paneling (131) excessively.	
4	Unscrew fuel filter (115) at bracket	Vehicles with outboard fuel filter (115) Do not disconnect fuel lines. Hold the fuel filter (115) to the side.	
5	Disconnect exhaust system at connecting point (catalytic converter to muffler) and remove	Vehicles with code P98 Black Series	AR49.10-P-7000AC
6	Remove torsion bar (6).		AR32.20-P-0315P
7	Remove exhaust heat shield (105c)	Vehicles without code P98 Black Series Lift front section and extract rear section.	

8	Unscrew retaining bolts for propeller shaft intermediate bearing (106a)	Vehicles without code P98 Black Series i Installation: Attach the propeller shaft center support bearing (106a) to the underfloor. Nm	AR41.10-P-0050-11DA *BA41.40-P-1001-01A
9	Disconnect flange of propeller shaft (106) from flange of rear axle differential (50)	i The flexible coupling remains on the propeller shaft.106. i Tie the propeller shaft (106) as high up as possible and secure to prevent it from falling down. i Installation: Mount propeller shaft (106) on rear axle center assembly (50). Nm	AR41.10-P-0050-03EA AR41.10-P-0050-04EA *BA41.10-P-1002-01A
10 	Loosen fitted sleeves on flexible coupling. Drift for loosening fitting sleeves in flex disks.		AR41.10-P-0050-09DA WF58.50-P-4110-01A
11	Disconnect oil lines from rear axle differential (50)	Vehicles with code P98 Black Series i Installation: Replace the locking clips and seal rings on the oil lines.  Nm	AR35.31-P-0592-01QBS *129589009100
12	Support rear axle center assembly (50) and secure to prevent it from falling down		*140589016200
13	Remove front and rear rear axle suspension bolt (1c, 1d) on one side	 Installation: Recut thread in frame floor assembly and blow out. i Installation: Use new bolts. Nm Nm	*BA35.10-P-1001-01A *BA35.10-P-1002-01A
14	Remove torsion bar bracket (6b)	i Installation: Ensure that intermediate disk (6c) is seated correctly.	
15	Lower rear axle	i Use lever to press rear axle away from tank when lowering. i Lower the rear axle until the rubber mounts can be pulled in and out using the extraction and insertion device.	
16	Extract rubber mount for front rear axle mount (1a)	 Lubricant paste	AR35.10-P-0040-02P *203589004300 *BR00.45-Z-1002-06A
17	Pull out rear rubber bushing for rear axle mount (1b)	 Lubricant paste	AR35.10-P-0040-03P *203589004300 *BR00.45-Z-1002-06A
18	Install in the reverse order		
19 	Check oil level in rear axle center assembly (50) and correct if necessary Rear axle - oil change	Vehicles with code P98 Black Series	AP35.00-P-3501QBS
20	Perform a wheel alignment check	After installing new parts	AR40.20-P-0200P

Nm Rear axle carrier

Number	Designation		Model 203	Model 209 without code P98	Model 209 with code P98
BA35.10-P-1001-01A	Self-locking bolt, front rear axle carrier rubber mount to frame floor	Nm	-	-	-
	with bolt	Stage 1 Nm	-	-	-
	Flange Ø 24 mm	Stage 2 °	-	-	-
	with bolt	Stage 1 Nm	40	40	40
BA35.10-P-1002-01A	Self-locking bolt, rear axle carrier rear rubber mount to frame floor	flange Ø 26 mm	Stage 2 °	90	90
		Nm	-	-	-

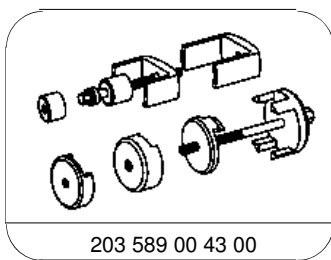
	with bolt	Stage 1	Nm	-	-	-
	Flange Ø 24 mm	Stage 2	∠°	-	-	-
	with bolt	Stage 1	Nm	40	40	80
	flange Ø 26 mm	Stage 2	∠°	90	90	90

Nm Propeller shaft

Number	Designation			Model 203	Model 209
BA41.10-P-1002-01A	Self-locking nut, flexible coupling to rear propeller shaft or rear axle differential.	M10	Nm	40	36
		M12	Nm	60	58

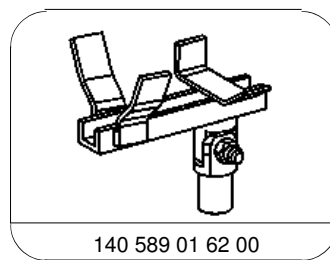
Nm Propeller shaft intermediate bearing

Number	Designation			Model 203	Model 209
BA41.40-P-1001-01A	Bolt, propeller shaft intermediate bearing to frame floor assembly	Self-tapping screw	Nm	-	-
		Bolt with washer	Nm	-	-
		Bolt with collar and self-centering tip	Nm	30	30
		Bolt with collar and without self-centering tip	Nm	-	-



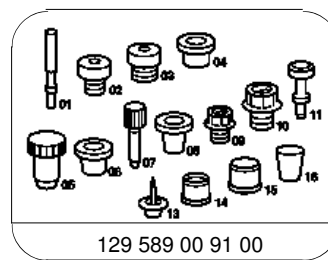
203 589 00 43 00

Extraction and insertion tool



140 589 01 62 00

Assembly attachment



129 589 00 91 00

Set of stop plugs

Repair materials

Number	Designation	Order number
BR00.45-Z-1002-06A	Lubricating paste, rubber parts 2.5 kg, DB supply specification 6867.00	A 000 989 01 60