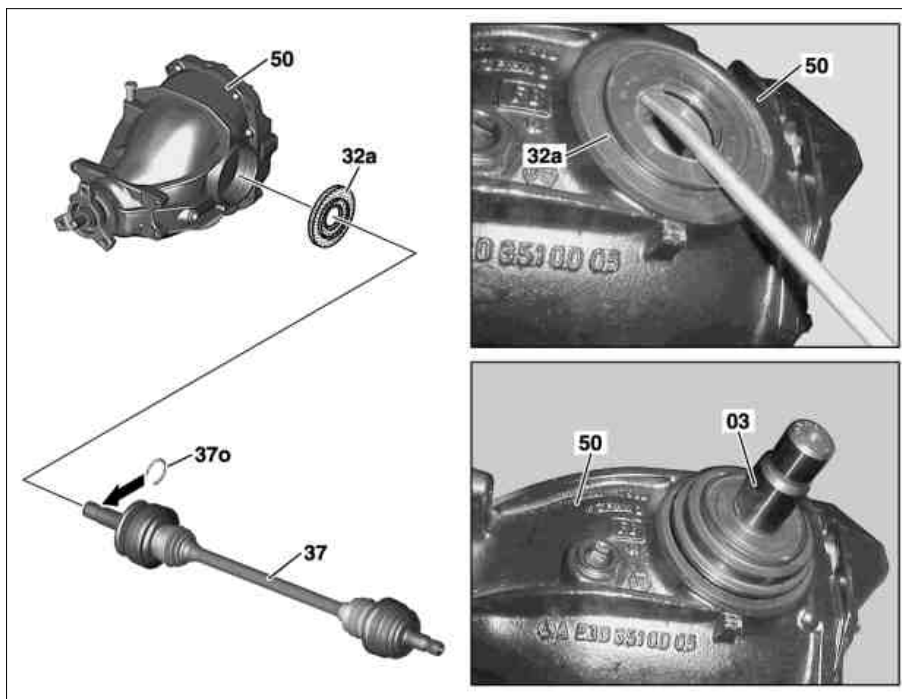


Rear axle differential dia. 215  
in model 203.076 /276, 209.372,  
209.375 /376 as of 24.4.04,  
209.377 /472,  
209.475 /476 as of 24.4.04,  
209.477

**Schematic representation**

- 03 Drift
- 32a Radial sealing ring
- 37 Rear axle shaft
- 37o Circlip
- 50 Rear axle center assembly



P35.31-2049-06

**Modification notes**

10.8.06	Filling capacity, Specifications for Operating Fluids	Model 209.377/477	*BF35.31-P-1001-01K
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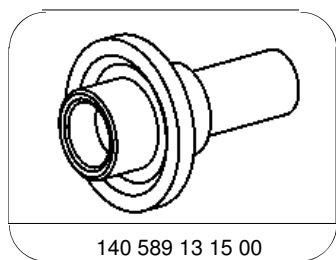
	<b>Removing</b>		
<b>Danger!</b>	<b>Risk of death</b> caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between columns of vehicle lift and position four support plates at vehicle lift support points specified by vehicle manufacturer.	AS00.00-Z-0010-01A
	Notes on self-locking nuts and bolts		AH00.00-N-0001-01A
	While working on the rear axle, care must be taken to ensure that the surface of aluminum components do not get any scratches, cracks and notches. Otherwise the service life of the parts will be affected		
1	Secure vehicle on the lifting platform		
2	Remove rear-axle shaft (37)		AR35.30-P-0620AC
3	Lever radial sealing ring (32a) out of rear axle center assembly (50) using a suitable tool.		
	<b>Install</b>		
4	Press new radial sealing ring (32a) into rear axle center assembly (50) using  drift (03).	Coat lip at radial sealing ring (32a) with universal hypoid gear oil.	*140589131500 BB00.40-P-0235-07A
<b>BB</b>	Universal hypoid gear oil (SAE 85 W-90)		
5	Install new circlip (37o) on inner splined shaft of rear axle shaft (37)		
6	Install rear axle shaft (37).		AR35.30-P-0620AC
7	Check oil level in rear axle center assembly (50) and correct if necessary	Vehicles without code P98 Black Series Cleaning spray, Loctite 7063 (150ml) Sealant, Omnifit 100H (50 g) 	AR35.31-P-0520-03I *BF35.31-P-1001-01K *BR00.45-Z-1046-04A *BR00.45-Z-1061-01A *BA35.31-P-1001-02B

**Nm** Rear axle differential housing

Number	Designation	Model
		<b>Model</b> 203.076/276 <b>Model</b> 209.375/376/ 475/476 as of 24.4.04 <b>Model</b> 209.372/377/ 472/477
BA35.31-P-1001-02B	Oil filler screw, rear axle differential	Nm 50

**kg** Rear axle differential

Number	Designation	Model	Model	Model
		<b>Model</b> 203.020/076/ 220/276	<b>Model</b> 209.320/420, <b>Model</b> 209.375/ 376/475/476 as of 24.4.04 <b>Model</b> 209.372/472	<b>Model</b> 209.377/477
BF35.31-P-1001-01K	Filling capacity Rear axle center assembly Liters 1.2	1.2	1.2	1.2
	Specifications for Operating Fluids Sheet	BB00.40-P-0235-07A	BB00.40-P-0235-07A	BB00.40-P-0235-61A



140 589 13 15 00

Drift

**Repair materials**

Number	Designation	Order number
BR00.45-Z-1061-01A	Sealant, Omnifit 100H (50 g)	A 002 989 23 71
BR00.45-Z-1046-04A	Cleaning spray, Loctite 7063 (150ml)	A 001 986 71 71 10