

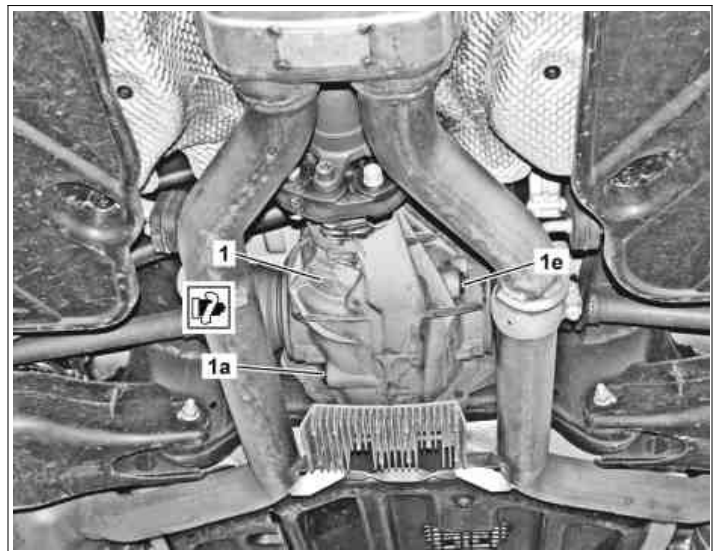
- Model** 172, 205, 212, 218, 219, 231
with code 471 (Manual locking differential)
- Model** 204
with code 471 (Manual locking differential)
except code B25 (AMG Track Package)
- Model** 205
with code 467 (Electronic locking differential)
- Model** 230
with code 471 (Manual locking differential)
except code P99 (Special model "AMG Black Series")

Modification notes

28.07.2016	Update of basic data for model 205		
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Shown on model 204 with code 471 (Mechanical locking differential)
except code B25 (AMG Track Package)

- 1 Rear axle gear
1a Drain screw
1e Filling screw



P35.31-2223-11

Danger !	Risk of injury. Skin or eye injuries may result when handling hot or glowing objects.	Wear protective gloves, protective clothing and safety glasses, if necessary.	AS00.00-Z-0002-01A
Danger !	Risk of death caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between vehicle lift columns and position the four support plates at the vehicle lift support points specified by the vehicle manufacturer.	AS00.00-Z-0010-01A
	Preparatory activity		
1 AR AR AR	Lift vehicle on vehicle lift	Model 172, 204, 205, 212, 218, 219, 230, 231 Model 172 Model 205 Model 219, 231 	AR00.60-P-1000V AR00.60-P-1000LW AR00.60-P-1000TX
	Clean		
2	Clean area surrounding drain screw (1a) and filler plug (1e)		
	Remove		
3	Remove filling screw (1e)		
	Draining		

4	Remove drain screw (1a) and drain oil from rear axle differential (1)		
	Clean		
5	Clean drain bore in rear axle differential (1)	Loctite 7063 cleaning spray (150 ml)	*BR00.45-Z-1046-04A
	Install		
6	Apply a drop of sealant to start of lower thread on new drain plug (1a), then immediately install new drain plug (1a) and tighten	 Install a new drain screw (1a) each time it is removed. Otherwise this may lead to leakage and consequential damage.  Model 172, 204, 205, 212, 218, 231 Drain screw to rear axle differential  Model 219 Oil drain screw, differential  Model 230 Oil drain screw for rear axle differential Sealant, Omnifit 100H (50 g)	*BA35.31-P-1003-02H *BA35.31-P-1003-02D *BA35.31-P-1003-02A *BR00.45-Z-1061-01A
	Filling		
7	Add oil to rear axle differential (1) up to lower edge of filler hole	 Only the approved oils "SAE 75W - 140 Limited Slip" may be used. Damage can otherwise occur.  Model 172, 204, 212, 218, 231 Filling capacity  Model 205 Filling capacity for rear axle differential with differential lock  Model 219 Filling capacity  Model 230 Filling capacity	*BF35.31-P-1001-01T *BF35.31-P-1003-01U *BF35.31-P-1003-01P *BF35.31-P-1004-01L
	Clean		
8	Clean filling hole in rear axle differential (1)	Loctite 7063 cleaning spray (150 ml)	*BR00.45-Z-1046-04A
	Install		
9	Apply a drop of sealant to start of lower thread on new filling screw (1e) then immediately install new filling screw (1e) and tighten	 Install a new filling screw (1e) each time it is removed. Otherwise this may lead to leakage and consequential damage.  Model 172, 204, 205, 212, 218, 231 Oil filler screw of rear axle differential  Model 219 Oil filler screw, differential  Model 230 Oil filler screw, differential Sealant, Omnifit 100H (50 g)	*BA35.31-P-1002-02H *BA35.31-P-1002-02D *BA35.31-P-1002-02A *BR00.45-Z-1061-01A
	Finishing activity		
10	Lower vehicle with lifting platform	Model 172, 204, 205, 212, 218, 219, 230, 231 Model 172 Model 205 Model 219, 231	AR00.60-P-1000V AR00.60-P-1000LW AR00.60-P-1000TX
	AR		
	AR		
	AR		

 Rear axle differential housing

Number	Designation		MODEL 230 except CODE P99
BA35.31-P-1002-02A	Oil filler screw, differential	Nm	50

 Rear axle differential housing

Number	Designation		MODEL 219
BA35.31-P-1002-02D	Oil filler screw, differential	Nm	50

 Rear axle differential housing

Number	Designation		Model 172	Model 204 except code 700 (Technology Local Content China) except code P98 (Black Series)
BA35.31-P-1002-02H	Oil filler screw of rear axle differential	Nm	50	50

Nm Rear axle differential housing

Number	Designation		Model 204 with code P98 (Black Series)	Model 204, 212.1 with code 700 (Technology Local Content China)
BA35.31-P-1002-02H	Oil filler screw of rear axle differential	Nm	50	60

Nm Rear axle differential housing

Number	Designation		Model 205	Model 212.0/2 Model 212.1 except code 700 (Technology Local Content China)
BA35.31-P-1002-02H	Oil filler screw of rear axle differential	Nm	50	50

Nm Rear axle differential housing

Number	Designation		Model 218	Model 231
BA35.31-P-1002-02H	Oil filler screw of rear axle differential	Nm	50	50

Nm Rear axle differential housing

Number	Designation		MODEL 230 except CODE P99
BA35.31-P-1003-02A	Oil drain screw for rear axle differential	Nm	50

Nm Rear axle differential housing

Number	Designation		MODEL 219
BA35.31-P-1003-02D	Oil drain screw, differential	Nm	50

Nm Rear axle differential housing

Number	Designation		Model 172	Model 204 except code 700 (Technology Local Content China) except code P98 (Black Series)
BA35.31-P-1003-02H	Drain screw to rear axle differential	Nm	50	50

Nm Rear axle differential housing


Number	Designation		Model 204 with code P98 (Black Series)	Model 204, 212.1 with code 700 (Technology Local Content China)
BA35.31-P-1003-02H	Drain screw to rear axle differential	Nm	50	60

 Rear axle differential housing


Number	Designation		Model 205	Model 212.0/2 Model 212.1 except code 700 (Technology Local Content China)
BA35.31-P-1003-02H	Drain screw to rear axle differential	Nm	50	50

 Rear axle differential housing

Number	Designation		Model 218	Model 231
BA35.31-P-1003-02H	Drain screw to rear axle differential	Nm	50	50

 Rear axle gear


Number	Designation		Model 172.466	Model 172.475	
BF35.31-P-1001-01T	Filling capacity	Rear axle differential	Liter	0,80	-
		183 FE, Ø 183 mm			
	Sheet		BB00.40-P-0235-07A	-	
	Rear axle differential	Liter	-	-	
	187 FE, Ø 187 mm				
	Sheet		-	-	
	Rear axle differential	Liter	-	-	
	200 FE, Ø 200 mm				
Sheet		-	-		
Rear axle differential		1,2	1,2		
215 FE, Ø 215 mm					
Sheet		BB00.40-P-0235-61A	BB00.40-P-0235-61A		

 Rear axle gear


Number	Designation		Model 204 (except 204.077/277/377) except code 700 (Technology Local Content China)	Model 204 (except 204.077/277/377) with code 700 (Technology Local Content China)	
BF35.31-P-1001-01T	Filling capacity	Rear axle differential	Liter	-	-
		183 FE, Ø 183 mm			
	Sheet		-	-	
	Rear axle differential	Liter	0,95	-	
	187 FE, Ø 187 mm				
	Sheet		BB00.40-P-0235-07A	-	
	Rear axle differential	Liter	1,1	-	
	200 FE, Ø 200 mm				
Sheet		BB00.40-P-0235-07A	-		
Rear axle differential		1,2	-		
215 FE, Ø 215 mm					
Sheet		BB00.40-P-0235-07A	-		

 Rear axle gear


Number	Designation		MODEL 204.077/277, MODEL 204.377 except CODE B25/ P98	MODEL 204.377 with CODE P98, except CODEB25 P98	
BF35.31-P-1001-01T	Filling capacity	Rear axle differential	Liter	-	-
		183 FE, Ø 183 mm		-	-
		Sheet		-	-
		Rear axle differential	Liter	-	-
		187 FE, Ø 187 mm		-	-
		Sheet		-	-
		Rear axle differential	Liter	-	-
200 FE, Ø 200 mm		-	-		
Sheet		-	-		
Rear axle differential		1,2	1,2		
215 FE, Ø 215 mm					
Sheet		BB00.40-P-0235-61A	BB00.40-P-0235-61A		

 Rear axle gear

Number	Designation		Model 212 (except 212.074/075/076/077/ 092/274/275/276/277/ 292) except code 700 (Technology Local Content China)	Model 212 (except 212.074/075/076/077 /092/274/275/276/27 7/292) with code 700 (Technology Local Content China)	
BF35.31-P-1001-01T	Filling capacity	Rear axle differential	Liter	-	-
		183 FE, Ø 183 mm		-	-
		Sheet		-	-
		Rear axle differential	Liter	0,85	-
		187 FE, Ø 187 mm			-
		Sheet		BB00.40-P-0235-07A	-
		Rear axle differential	Liter	1,0	-
200 FE, Ø 200 mm			-		
Sheet		BB00.40-P-0235-07A	-		
Rear axle differential		1,1	-		
215 FE, Ø 215 mm			-		
Sheet		BB00.40-P-0235-07A	-		


 Rear axle gear

Number	Designation		Model 212.074/075/076/077/ 092/274/275/276/277/ 292	MODEL 218 except AMG	
BF35.31-P-1001-01T	Filling capacity	Rear axle differential	Liter	-	-
		183 FE, Ø 183 mm		-	-
		Sheet		-	-
		Rear axle differential	Liter	-	-
		187 FE, Ø 187 mm		-	-
		Sheet		-	-
		Rear axle differential	Liter	-	1,1
200 FE, Ø 200 mm					
Sheet		-	BB00.40-P-0235-07A		
Rear axle differential		1,2	1,2		
215 FE, Ø 215 mm					
Sheet		BB00.40-P-0235-61A	BB00.40-P-0235-07A		

 Rear axle gear

Number	Designation		Model 218 AMG	Model 231 except AMG	
BF35.31-P-1001-01T	Filling capacity	Rear axle differential	Liter	-	-
		183 FE, Ø 183 mm		-	-
		Sheet		-	-


	Rear axle differential 187 FE, Ø 187 mm	Liter	-	-
	Sheet		-	-
	Rear axle differential 200 FE, Ø 200 mm	Liter	-	1,1
	Sheet		-	BB00.40-P-0235-07A
	Rear axle differential 215 FE, Ø 215 mm		1,2	1,2
	Sheet		BB00.40-P-0235-61A	BB00.40-P-0235-07A

 Rear axle gear

Number	Designation	Model 231 AMG
BF35.31-P-1001-01T	Filling capacity	Rear axle differential 183 FE, Ø 183 mm
		Liter
		Sheet
		Rear axle differential 187 FE, Ø 187 mm
		Liter
		Sheet
		Rear axle differential 200 FE, Ø 200 mm
		Liter
		Sheet
		Rear axle differential 215 FE, Ø 215 mm
		Liter
		Sheet
		BB00.40-P-0235-61A

 Differential

Number	Designation	MODEL 219.322/ 354/356/357/372/ 375	MODEL 219.376/ 377
BF35.31-P-1003-01P	Filling capacity	Differential Ø 215 mm	Liter
		Sheet	BB00.40-P-0235-07A
		1,2	1,2
		BB00.40-P-0235-61A	BB00.40-P-0235-61A

 Rear axle gear

Number	Designation	Model 205 (except 205.086/087/286/287/ 386/387/486/487)	Model 205.086/087/286/287 /386/387/486/487
BF35.31-P-1003-01U	Filling capacity for rear axle differential with differential lock	Liter	1,2
		Sheet	BB00.40-P-0235-61A

 Differential

Number	Designation	MODEL 230.45/ 467/471/475/476/ 477	MODEL 211.077/ 277, 230.470/472/474/ 479
BF35.31-P-1004-01L	Filling capacity	Differential Ø 215 mm	Liter
		Sheet	BB00.40-P-0235-07A
		1,2	1,2
		BB00.40-P-0235-61A	BB00.40-P-0235-61A

Repair materials

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