


AR35.31-P-0520-03P 	Check rear axle differential oil level, correct if necessary Oil filler/drain screw on rear axle differential modified	up to 18.1.04	BT35.31-P-0015-01A
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Nm Rear axle differential housing

Number	Designation	Model
		203.006/007/ 008/064/206/ 207/208/264/ 706/707/708/ 764, Model 203.004/204 with code 450 up to 08/2002 Model 203.007/207/ with code 450
BA35.31-P-1001-02B	Oil filler screw, rear axle differential	Nm 50

Nm Rear axle differential housing

Number	Designation	Model
		203.016/216
BA35.31-P-1001-02B	Oil filler screw, rear axle differential	Nm 50

Nm Rear axle differential housing

Number	Designation	Model
		203.018/065/ 218/265/718
BA35.31-P-1001-02B	Oil filler screw, rear axle differential	Nm 50

Nm Rear axle differential housing

Number	Designation	Model
		203.020/040/ 052/054/056/ 220/240/243/ 252/254/256/ 730/743/756
BA35.31-P-1001-02B	Oil filler screw, rear axle differential	Nm 50

Nm Rear axle differential housing

Number	Designation	Model
		203.035/045/ 235/245/735/ 745/747, 203.061/261 up to 08/2002, Model 203.004/006/ 204/ 206/706 up to 08/2002
BA35.31-P-1001-02B	Oil filler screw, rear axle differential	Nm 50

Nm Rear axle differential housing

Number	Designation	Model
		203.042/043/ 046/081/084/ 087/092/242/ 246/281/284/ 287/292/731/ 740/741/742/ 746, Model 203.004/061/ 204/261 as of 09/2002
BA35.31-P-1001-02B	Oil filler screw, rear axle differential	Nm 50

Nm Rear axle differential housing

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

Nm Rear axle differential housing

Number	Designation	Model
		209.308/320/ 354/356/420/ 454/456

BA35.31-P-1001-02B	Oil filler screw, rear axle differential	Nm	50
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Nm Rear axle differential housing

Number	Designation	Model
		209.316, Model 209.375/ 376/475/ 476 up to 23.4.04
BA35.31-P-1001-02B	Oil filler screw, rear axle differential	Nm 50

Nm Rear axle differential housing

Number	Designation	Model	Model
		209.341/ 342/343/ 361/441/ 442/461	209.365/ 465
BA35.31-P-1001-02B	Oil filler screw, rear axle differential	Nm 50	50

📄 Rear axle differential

Number	Designation	Model	Model
		203.006/008/054/ 056/064/206/208/ 254/256/264/706/ 708/756/764, Model 203.004/204 with taxi version code 450, up to 08/2002, Model 203.007/207 with taxi version code 450	203.016/216
BF35.31-P-1001-01K	Filling capacity	Rear axle center assembly	Liters 1.1
		Specifications for Operating Fluids	Sheet BB00.40-P-0235-07A
			1.6
			BB00.40-P-0235-07A


📄 Rear axle differential

Number	Designation	Model	Model
		203.018/065/ 218/265/718	203.020/076/ 220/276

BF35.31-P-1001-01K	Filling capacity	Rear axle center assembly	Liters	1.6	1.2
		Specifications for Operating Fluids	Sheet	BB00.40-P-0235-07A	BB00.40-P-0235-07A

 Rear axle differential

Number	Designation	Model 203.035/045/235/ 245/735/745/747, Model 203.061/261 up to 08/2002, Model 203.004/204 except code 450 up to 08/2002	Model 203.040/042/043/ 046/052/081/084/ 087/092/240/242/ 243/246/252/281/ 284/287/292/707/ 730/731/740/742/ 743/746, Model 203.004/061/204/ 261, as of 09/2002, Model 203.007/207 without taxi version		
BF35.31-P-1001-01K	Filling capacity	Rear axle center assembly	Liters	1.1	1.0
		Specifications for Operating Fluids	Sheet	BB00.40-P-0235-07A	BB00.40-P-0235-07A

 Rear axle differential




Number	Designation	Model 209.341/342/343/ 361/441/442/461	Model 209.308/354/ 356/365/454/ 456/465	Model 209.316, Model 209.375/376/ 475/476 up to 23.4.04		
BF35.31-P-1001-01K	Filling capacity	Rear axle center assembly	Liters	1.0	1.1	1.6
		Specifications for Operating Fluids	Sheet	BB00.40-P-0235-07A	BB00.40-P-0235-07A	BB00.40-P-0235-07A

 Rear axle differential

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

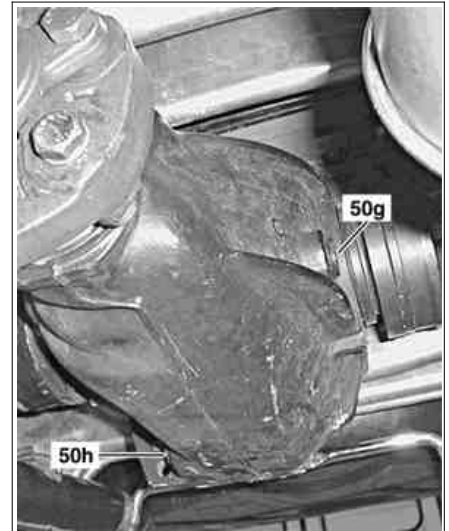
Repair materials

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



- 1  Clean area around oil filler screw (50 g).
 Only carry out the oil level check at interior temperature and not on a rear axle center assembly which is at operating temperature. Otherwise, when the rear axle differential is at operating temperature, required oil could escape.
- 2 Remove oil filler screw (50 g)
 Replace oil filler screw (50g).
- 3 If necessary collect oil running out and allow to run out until oil only drips out of opening.


Shown on rear axle differential dia. 198 mm



50g Oil filler plug
 50h Oil drain screw



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- 4  Check oil level.
 Correct oil level=underside of filler opening, refill if necessary.

 The fully synthetic oil can also be used without reservations on rear axle center assemblies which have been produced before 4.11.2001. Mixing old universal hypoid gear oil and new FE hypoid gear oil does not impair the basic functions such as wear characteristics, leaktightness, etc. at the rear axle differential, but should, however, be avoided in the interest of better fuel economy.

- 5  Clean the new oil filler screw (50 g) and the threaded hole in the rear axle differential with Loctite 7063 cleaning spray and a suitable rag.
 The oil filler screw (50g) and tapped hole must be free of oil and grease.
- 6 Apply about a drop of Omnifit sealing compound 100H on the second or third lower thread of the oil filler screw (50 g).
- 7 Screw oil filler screw (50g) into rear axle center assembly immediately and tighten to specified tightening torque.



P35.31-2158-01