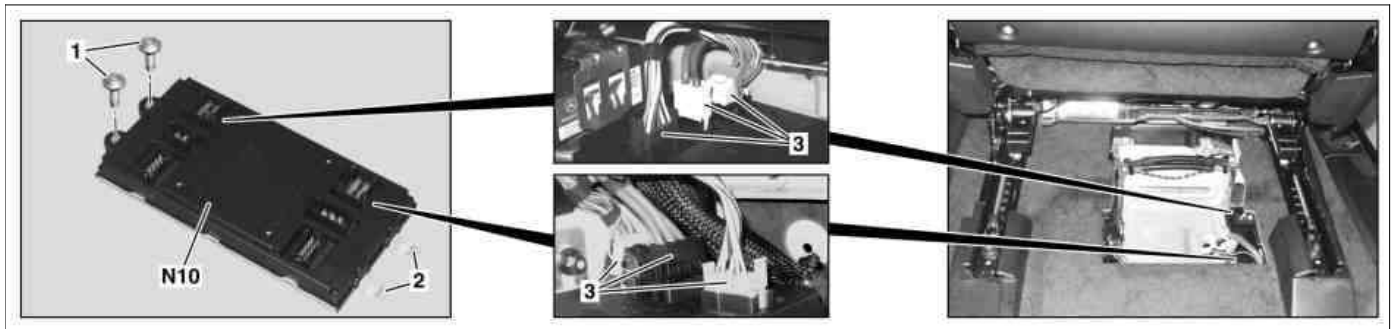


MODEL 164



P54.21-2516-07

1 Bolts
2 Retaining clips


3 Connector

N10 Front SAM control unit

Modification notes

15.7.09	Operation steps added	Steps 3 to 8	
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	Remove/install		
Danger!	Risk of explosion caused by escaping oxyhydrogen gas. Risk of injury caused by caustic burns to eyes, skin and mucous membranes from battery electrolyte (contains diluted sulfuric acid) or metal spatter due to short circuit. Risk of burn injuries caused by short circuit. Risk of poisoning caused by swallowing battery electrolyte (contains diluted sulfuric acid) or absorption of lead over the skin or orifices	No fire, sparks, open flames or smoking. Wear acid-resistant gloves and clothing and safety glasses with side guards. Do not place any conductive objects on the battery and avoid any short circuit from battery positive to ground. Only fill liquid battery electrolyte (diluted sulfuric acid) into suitable and appropriately marked containers.	AS54.10-Z-0001-01A
	Notes on battery		AH54.10-P-0001-01A
	Information on preventing damage to electronic components due to electrostatic discharge		AH54.00-P-0001-01A
	Notes on AGM battery		AH54.10-P-0002-01A
1 AD	Read out coding of front SAM control unit (N10) using STAR DIAGNOSIS Connect STAR DIAGNOSIS and read out fault memory	Only when replacing the front SAM control unit (N10) and if it can still be read out using STAR DIAGNOSIS. STAR DIAGNOSIS diagnosis system	AD00.00-P-2000-04A
2	Remove battery	Up to November 2007. 	AR54.10-P-0005GZ *BA54.10-P-1012-01C *BA54.10-P-1024-01C
3	Remove seat	As of November 2007. Only passenger-side. 	AR54.10-P-0005GZ *BA91.40-P-1001-01H *BA91.10-P-1001-01L
4	Remove floor covering in rear passenger compartment	Only on passenger side. as of November 2007	AR68.20-P-4800GZ
5	Remove intermediate bottom	As of November 2007.	
6	Disconnect battery ground line	As of November 2007. 	*BA54.10-P-1012-01C
7	Remove additional battery and place to one side	Do not disconnect electrically. As of November 2007.	
8	Remove cover of front SAM control unit (N10)	As of November 2007.	
9	Unlock all plugs (3) and disconnect from front SAM control unit (N10)		
10	Undo bolts (1), remove front SAM control unit (N10)	Installation: Insert retaining clamps (2) into corresponding openings, then fasten the front SAM control unit (N10) using bolts (1).	
11	Install in the reverse order		
12	Code front SAM control unit (N10)	Only when installing a new front SAM control unit (N10).	


 AD	Connect STAR DIAGNOSIS and read out fault memory		AD00.00-P-2000-04A
13	Perform basic programming	STAR DIAGNOSIS diagnosis system	AR00.19-P-0200GZ

 **Battery**

Number	Designation			Model 164
BA54.10-P-1012-01C	Nut, battery cable to battery terminal	M6	Nm	6
BA54.10-P-1024-01C	Nut, battery retaining plate to frame floor	M8	Nm	24

 **Front seats**

Number	Designation			Model 164.1/8
BA91.10-P-1001-01L	Bolt of seating mounting bracket to vehicle floor		Nm	45

 **Seat belts/emergency tensioning retractors**

Number	Designation			Model 164.1/8
BA91.40-P-1001-01H	Bolt at seat belt fitting		Nm	35