

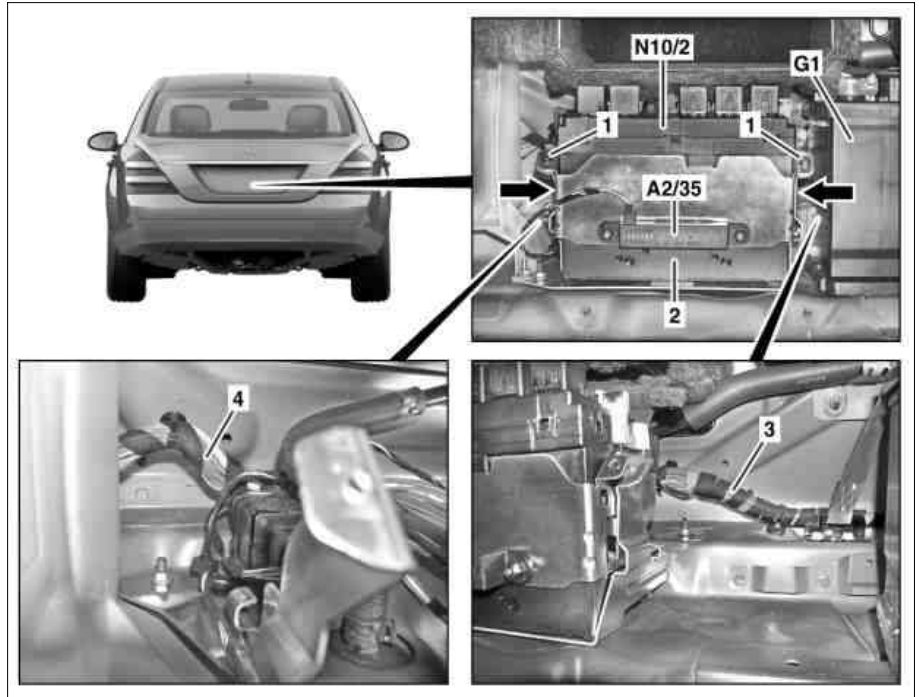
Shown on model 221 up to 1.6.08 without code (809) Model year 2009

- 1 Screw
- 2 SAM control unit
- 3 Wiring harness
- 4 Wiring harness

A2/35 Luggage compartment Keyless-Go antenna (with code (889) Keyless Go)

G1 On-board electrical system battery (vehicles up to 1.6.08 without code (809) Model year 2009)

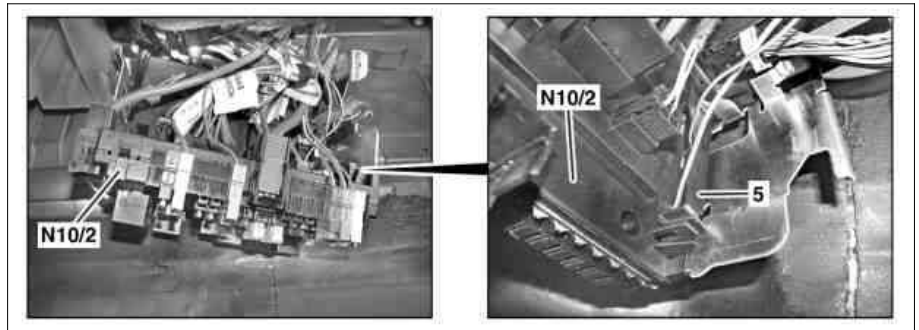
N10/2 Rear SAM control unit with fuse and relay module



P54.21-2566-06

5 Bow

N10/2 Rear SAM control unit with fuse and relay module



P54.21-2567-04

Modification notes

19.3.09	Value modified: Bolt, battery bracket to body, Nm	Model 221	*BA54.10-P-1027-01C
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Icon	Remove/install		
⚠	Information on preventing damage to electronic components due to electrostatic discharge		AH54.00-P-0001-01A
i	The SAM control unit (2) of the rear SAM control unit with fuse and relay module assembly (N10/2) can be removed or replaced separately. See steps 1 to 8.		
1	Temporarily store basic data from SAM control unit (2) in STAR DIAGNOSIS	When replacing the SAM control unit (2). i Installation: Transfer the temporarily stored basic data to the new SAM control unit (2).	
🔧 AD	Connect STAR DIAGNOSIS and read out fault memory		AD00.00-P-2000-04A
2	Remove rear shelf reinforcement		AR64.10-P-1200SX
3	Switch off ignition and withdraw transmitter key or Keyless Go start/stop button from the EIS [EZS] control unit	i Keyless Go start/stop button only for vehicles with code (889) Keyless Go.	
4.1	Detach bracket of on-board electrical system battery (G1) and swing on-board electrical system battery (G1) to one side	Model 216.3, 221.0/1 up to 1.6.08 without code (809) Model year 2009 Nm	*BA54.10-P-1027-01C

4.2	Detach bracket of starter battery and swing starter battery to one side	Model 221.1 as of 2.6.08 with code (Z07) Maximum protection Model 221.1 with code (809) Model year 2009 with code (Z07) Maximum protection i On the above vehicles the starter battery is fitted in the trunk instead of the on-board electrical system battery (G1). Nm	*BA54.10-P-1027-01C
5	Disconnect electrical connector of luggage compartment Keyless-Go antenna (A2/35)	On vehicles with code (889) Keyless go	
6	Remove bolts (1) and pull forward rear SAM control unit with fuse and relay module (N10/2) until the wiring harness (3) and wiring harness (4) is accessible behind the rear SAM control unit with fuse and relay module (N10/2)	i Installation: Ensure that no electrical lines are pinched otherwise there is the danger of damaging the electrical system.	
7	Expose wiring harness (3) and wiring harness (4) on the rear panel	i Installation: Observe routing and fixing of wiring harnesses.	
8	Unlock SAM control unit (2) (arrows), remove from rear SAM control unit with fuse and relay module (N10/2) and disconnect electrical connectors	When replacing the SAM control unit (2) separately. i Number of electrical connectors can vary according to vehicle equipment.	
9	Disconnect ground cable	Depending on the battery system fitted, disconnect the corresponding ground lines in order to de-energize the on-board electrical system.	AR54.10-P-0003SX
10	Separate electrical connectors and fuse holders from the rear SAM control unit with fuse and relay module (N10/2)	i The number of electrical connectors and fuse holders differs depending on the vehicle equipment.	
11	Remove rear SAM control unit with fuse and relay module (N10/2)		
12	Unlock SAM control unit (2) (arrows) and remove from rear SAM control unit with fuse and relay module (N10/2)	When replacing the rear SAM control unit with fuse and relay module (N10/2).	
13	Remove bracket from rear SAM control unit with fuse and relay module (N10/2)	When replacing the rear SAM control unit with fuse and relay module (N10/2).	
14	Compare the fuse and relay fittings of the new rear SAM control unit with fuse and relay module (N10/2) with that of the old rear SAM control unit with fuse and relay module (N10/2) and adapt fittings if necessary	When replacing the rear SAM control unit with fuse and relay module (N10/2).	
15	Install in the reverse order		

Nm Battery

Number	Designation	Model	
		216	221
BA54.10-P-1027-01C	Bolt, battery bracket to body	M6 Nm	8
		M8 Nm	23