

P91.10-2933-09

**Shown on right front seat (1)**

- 1 Front seat
- 2 Cover
- 3 Cover
- 4 Screw

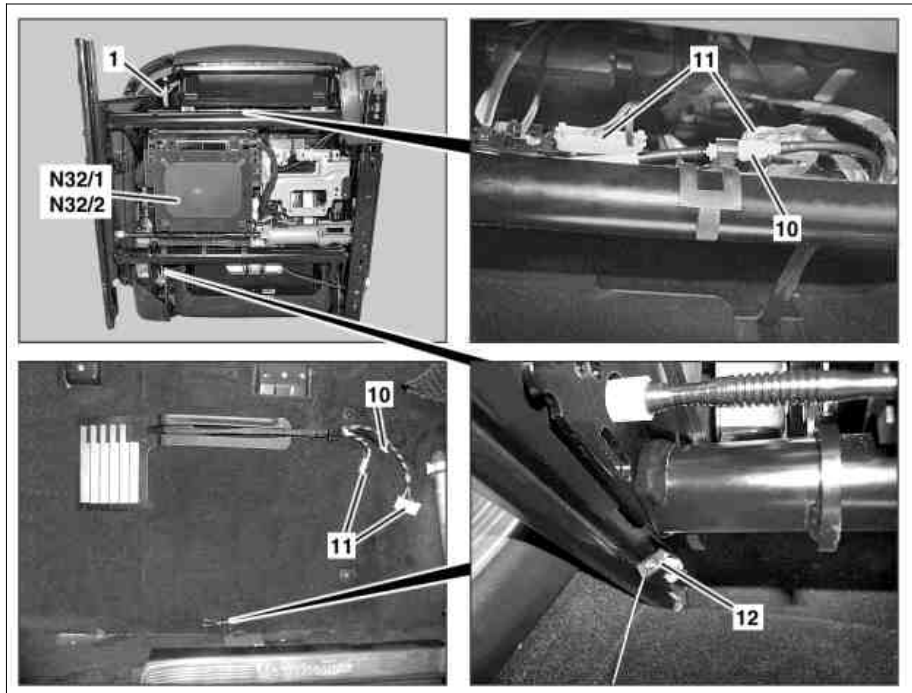
- 5 Cover
- 6 Bolts
- 7 Screw

- 8 Cover
- 9 Screw
- 13 Screw

**Shown on right front seat (1)**

- 1 Front seat
- 10 Pneumatic line
- 11 Electrical connectors
- 12 Bowden cable

- N32/1 Left front seat control unit
- N32/2 Right front seat control unit
























P91.10-2893-06

**Modification notes**

13.5.09	Value modified: Seat bolt to vehicle floor	*BA91.10-P-1002-010
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⚠	<b>Removing</b>		
<b>⚠ Danger!</b>	<b>Risk of injury</b> caused by performing testing or repair work on airbag or emergency tensioning retractor units.	Store airbag units with deployment side facing up; do not expose to temperatures greater than 100 °C. When working on these units, disconnect the power supply.	AS91.00-Z-0001-01A

	Notes on performing repair, body work and welding on vehicles with airbags or emergency tensioning retractor units		AH91.00-P-0002-01M
	Information on preventing damage to electronic components due to electrostatic discharge		AH54.00-P-0001-01A
	Assessment of airbag and emergency tensioning retractor units in accident vehicles		AH91.00-P-0006-01B
	Legal requirements on handling and storing airbags and emergency tensioning retractor units		AH91.00-P-0004-01A
1	Remove door sill molding from left and right front door	Model 221.0 and model 221.1 without code (Z07) Top protection. Model 221.1 with code (Z07) Top protection.	AR68.30-P-4100SX AR68.30-P-4100SXS
2	Move front seat (1) backwards and upwards		
3	Move backrest into vertical position		
4	Pull cover (5) forwards and out		
5	Unscrew bolts (6, 7)		
6	Move front seat (1) forwards		
7	Detach cover (8) from front seat (1)		*110589035900
8	Disconnect electrical connector from belt tensioner sensor	At front passenger seat of vehicles with code (494) USA version.  The belt tensioner sensor is located under the cover (8) at the belt end fitting of the front passenger seat.	
9	Remove the screw (9) and remove belt end fitting		
10	Push cover (2) backwards and remove		
11	Pull cover (3) upwards and unclip		*110589035900
12	Remove bolts (4, 13)		
13	Disconnect battery ground line		AR54.10-P-0003SX
14	Fold back front seat (1)		
15	Disconnect electrical connectors (11) from left front seat control unit (N32/1) or right front seat control unit (N32/2)	 Disconnect electrical connectors (11) only after waiting at least 10 s after the last seat adjustment, otherwise the normalization of the seat will be lost.	
16	Disconnect pneumatic line (10) at plug		
17	Remove Bowden cable (12) for belt height adjuster		
18	Carefully remove front seat (1) from vehicle	 Aid of helper required.	
	<b>Install</b>		
19	Carefully place front seat (1) in the vehicle and fold back	 Aid of helper required.	
20	Install Bowden cable (12) for belt height adjuster		
21	Connect pneumatic line (10) at plug		
22	Connect electrical connectors (11) to left front seat control unit (N32/1) or right front seat control unit (N32/2)		
23	Connect ground cable to battery		AR54.10-P-0003SX
24	Tighten screw (4)	 Tighten bolts (4, 6, 7, 13) in the sequence specified in the work steps, otherwise the front seat (1) cannot be installed without tension. This could cause noises and increased wear.  Use tightening pattern in mirror reverse for left front seat (1). 	*BA91.10-P-1002-01O
25	Insert cover (2) and push forwards		
26	Insert bolt (13) and turn in slightly	 Do not tighten the bolt (13) yet.	
27	Move front seat (1) to rear		
28	Tighten bolt (7)		*BA91.10-P-1002-01O
29	Tighten bolts (6)		*BA91.10-P-1002-01O
30	Clip in cover (5)		
31	Move front seat (1) forwards		
32	Tighten bolt (13)		*BA91.10-P-1002-01O
33	Clip in cover (3)		
34	Position belt end fitting and tighten bolt (9)		*BA91.40-P-1001-01O
35	Connect electrical connector to belt tensioner sensor	At front passenger seat of vehicles with code (494) USA version.	
36	Clip cover (8) onto front seat (1)		

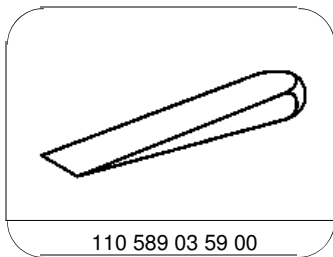
37	Install door sill molding	Model 221.0 and model 221.1 without code (Z07) Top protection Model 221.1 with code (Z07) Top protection	AR68.30-P-4100SX AR68.30-P-4100SXS
38	Parameterize weight sensing system (WSS) with STAR DIAGNOSIS  Connect STAR DIAGNOSIS and read out fault memory	After installing the front passenger seat on vehicles with code (494) USA version.  "Commissioning/Readjusting" menu item 	*211589003200 AD00.00-P-2000-04A

 **Front seats**

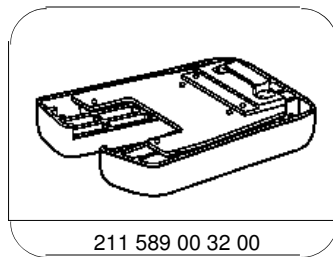
Number	Designation		Model 221
BA91.10-P-1002-01O	Seat bolt to vehicle floor	Nm	53

 **Seat belts/emergency tensioning retractors**

Number	Designation		Model 221
BA91.40-P-1001-01O	Screw on belt end fitting	Nm	32



Mounting wedge



Plates