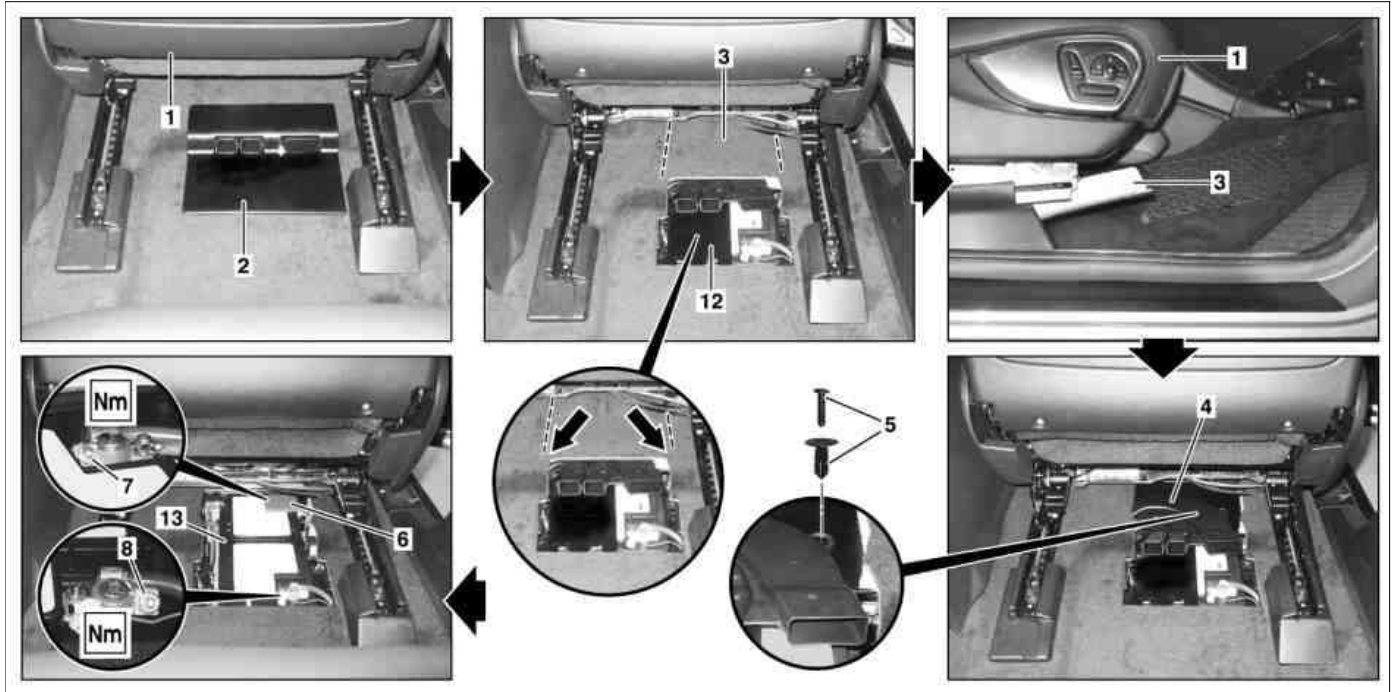


Model 164, 166, 292

Modification notes

09.11.2016 "Initial startup of battery" added

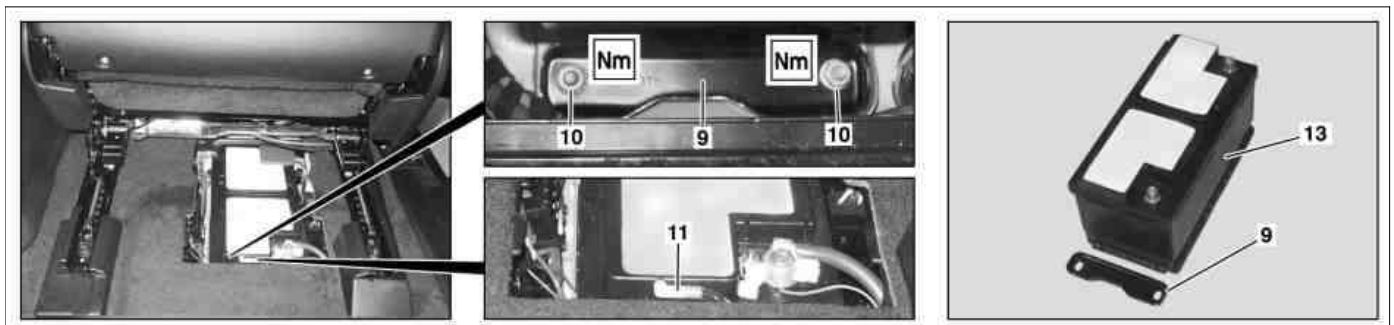
Operation step 18



P54.10-4272-09

















Shown on model 164.1


- | | | | |
|---|-----------------|----|--|
| 1 | Passenger seat | 6 | Positive battery terminal cover |
| 2 | Cover | 7 | Nut on positive battery terminal clamping device |
| 3 | Floor covering | 8 | Nut on negative battery terminal clamping device |
| 4 | Fresh air vent | 12 | Battery cover |
| 5 | Expansion rivet | 13 | Battery |



P54.10-4273-07

- | | | | |
|----|-----------------|----|-----------|
| 9 | Retaining plate | 11 | Vent hose |
| 10 | Nut | 13 | Battery |

 Danger!	Risk of explosion from explosive gas. Risk of poisoning and caustic burns from swallowing battery electrolyte. Risk of injury through burns to skin and eyes from battery acid or when handling damaged lead-acid batteries	No fires, sparks, open flames or smoking. Wear acid-resistant gloves, clothing and glasses. Only pour battery acid into suitable and appropriately marked containers.	AS54.10-Z-0001-01A
 Danger!	Risk of injury caused by contact with battery gel when handling damaged lead-gelbatteries	No fires, sparks, open flames or smoking. Wear acid-resistant gloves, clothing and glasses.	AS54.10-Z-0001-02A
 Danger!	Risk of injury caused by caustic burns to eyes, skin and mucous membranes from battery electrolyte or due to short circuit. Risk of burn injuries due to thermal changes. Risk of poisoning from swallowing battery electrolyte.	Wear protective gloves, protective clothing and safety glasses. In the event of escaping battery electrolyte, battery vapors, battery mist, smoke or heat development, secure the area, leave it and alert the fire department.	AS54.10-Z-0001-04A
	Notes on battery		AH54.10-P-0001-01A
	Notes for 12-V lithium-ion battery		AH54.10-P-0004-01A
	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
	Remove/install		
1	Move head restraint on front passenger seat (1) all the way down	 Head restraint must be moved down to end stop. Otherwise the sun visor can be damaged when tilting the backrest forward.	
2	Move front passenger seat (1) as far forward as possible and upwards, tilt seat backrest forward		
3	Remove cover (2)		
4	Separate floor covering (3) at both marked positions (arrows)	If the floor covering (3) was not separated already.	
5	Move front passenger seat (1) all the way to rear	Model 164, 166	
6	Fold floor covering (3) forward	 Make sure that the folded-over floor covering (3) does not tear at the fold.	
7	Move front passenger seat (1) far enough forward until the battery compartment is fully accessible	Model 164, 166	
8	Switch off ignition and store transmitter key outside of transmission range (min. 2 m)		
9	Remove expansion rivet (5) and remove air vent (4)		
10	Remove battery cover (12)		
11	Ensure that no jumper start device is connected to vehicle		
12	Loosen nut on battery negative pole terminal (8) and disconnect ground line of battery (13)	 All consumers must be switched off. Otherwise the electrical system can be damaged.	AR54.10-P-0003GZ
13	Remove positive battery terminal cover (6), undo nut on clamping device for positive battery terminal (7) and remove positive line	 Nut, battery line to negative terminal/positive terminal	*BA54.10-P-1012-01C
14	Detach vent hose (11) including plastic fitting from battery (13)	 Installation: Vent hose (11) must be routed free of kinks.	
15	Unscrew nuts (10) and remove retaining plate (9)	Model 164, 292  Nut, battery retaining plate to frame floor assembly	*BA54.10-P-1024-01C
16	Remove battery (13)	 Installation: Before the battery (13) is installed, it must be ensured that there are no cables in the battery support area. Otherwise they can be damaged when the battery (13) is installed.  Make sure that the maxi-fuses in the prefuse box in the battery compartment are not loosened inadvertently when the battery (13) is installed and removed.	
17	Install in the reverse order		

	Initial startup		
18	Confirm battery change in SAM control unit (N10) in the Actuators menu item	Model 166, 292 as of model year 2016 When replacing the battery (13).	
 AD			AD00.00-P-2000-04A

 Battery

Number	Designation			Model 164	Model 166
BA54.10-P-1012-01C	Nut, battery line to negative terminal/positive terminal	M6	Nm	6	6

 Battery

Number	Designation			Model 292
BA54.10-P-1012-01C	Nut, battery line to negative terminal/positive terminal	M6	Nm	6

 Battery

Number	Designation			Model 164	Model 292
BA54.10-P-1024-01C	Nut, battery retaining plate to frame floor assembly	M8	Nm	24	24