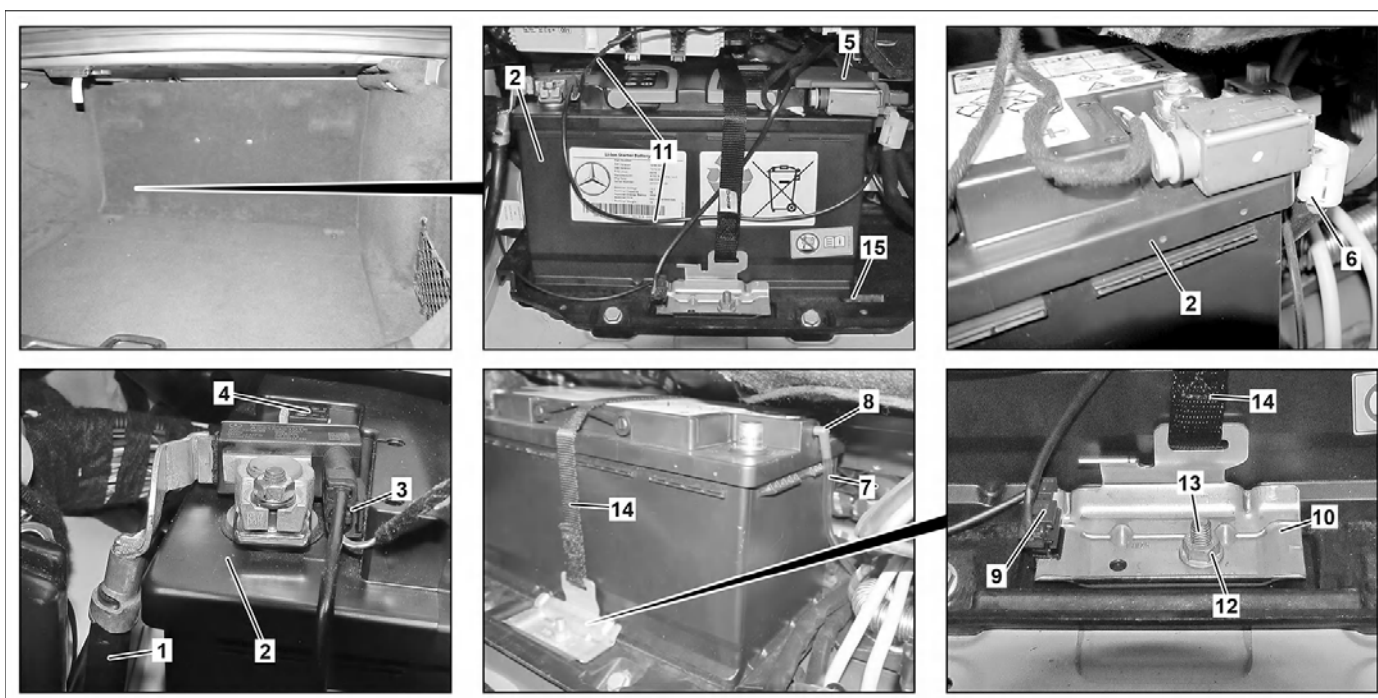


Model 217.3












P54.10-4435-09

Shown on model 217.37

- | | | | | | |
|---|------------------------------------|----|----------------------|----|------------------|
| 1 | Ground cable | 6 | Positive line | 11 | Electrical lines |
| 2 | On-board electrical system battery | 7 | Vent hose | 12 | Nut |
| 3 | Electrical connector | 8 | Elbow fitting | 13 | Threaded pins |
| 4 | Electrical connector | 9 | Electrical connector | 14 | Tensioning strap |
| 5 | Cover for positive terminal | 10 | Tab | 15 | Battery carrier |

⚠ Warning	Risk of injury . Moving parts can pinch, crush or, in extreme cases even sever extremities.	No parts of the body or limbs should be within the operating area of mechanical components when moving components.	AS00.00-Z-0009-01A
	Risk of fire /risk of explosion due to short circuit and escaping oxyhydrogen gas. Risk of (burn) injury caused by caustic burns to eyes, skin and mucous membranes from battery electrolyte/mist, short circuit and arcing. Risk of poisoning caused by swallowing battery electrolyte or absorption of lead through the skin or body orifices. Risk of death due to voltage $U \geq 30$ V AC and $U \geq 60$ V DC.	No fires, sparks, open flames, or smoking. Wear acid-resistant gloves, clothing, and glasses. Pour battery acid only into suitable and appropriately marked containers.	AS54.10-Z-0001-01A
	Information on preventing damage to electronic components due to electrostatic discharge		AH54.00-P-0001-01A
	Notes on battery		AH54.10-P-0001-01A
	Notes on HANDS-FREE ACCESS		AH80.61-P-0001-01A
☒ ☒	Remove/install		
1	Print out checklist for transport safety of on-board electrical system battery (2).	Model 217.3 with code U98 (LITHIUM-IONEN-STARTERBATTERIE (LISB)) When replacing the on-board electrical system battery (2).	OF54.10-P-3000-13A
☒ OF	2	Answer questions on installed on-board electrical system battery (2) based on checklist for transport safety.	Model 217.3 with code U98 (LITHIUM-IONEN-STARTERBATTERIE (LISB)) When replacing the on-board electrical system battery (2).

3	Switch off all electrical consumers.	 Switch off all electrical consumers. Otherwise, electrical consumers will be damaged when disconnecting/connecting the ground line (1).	
4	Switch off ignition and store transmitter key outside of transmitter range (min. 2 m).		
5	Remove front trunk lining.		AR68.30-P-4600LC
6	Disconnect ground line (1) from on-board electrical system battery (2).	 Nut, charging cable to negative terminal/positive terminal of on-board electrical system battery	*BA54.10-P-1003-01J
7	Release and disconnect electrical connection (3).		
8	Release and disconnect electrical connector(4).	Model 217.37	
9	Remove positive pole cover(5).		
10	Disconnect positive line (6) from on-board electrical system battery (2).	 Nut, charging cable to negative terminal/positive terminal of on-board electrical system battery	*BA54.10-P-1003-01J
11	Detach vent hose (7) from elbow fitting (8).	 Installation: Make sure that the vent hose(7) is seated and routed correctly. Otherwise damage may occur because of leaking battery acid vapor.	
12	Unclip, release and disconnect electrical connector (9) at shackle (10).		
13	Place electric lines (11) to one side.		
14	Unscrew nut (12).	 Nut, tensioning strap to battery frame	*BA54.10-P-1002-01J
15	Remove shackle (10) from threaded pin (13).	 Installation: Do not install the tensioning strap(14) twisted.	
16	Remove on-board electrical system battery (2) from battery carrier (15).	 Carefully remove the on-board electrical system battery (2) from the battery carrier (15). Otherwise the threaded pin(13) can damage the on-board electrical system battery(2).	
17	Install in the reverse order		
18	Answer questions on removed on-board electrical system battery (2) based on checklist for transport safety.	Model 217.3 with code U98 (LITHIUM-IONEN-STARTERBATTERIE (LISB)) When replacing the on-board electrical system battery (2).	
19	Commission the on-board electrical system battery (2).	Model 217.37 When replacing the on-board electrical system battery (2).	AD00.00-P-2000-04B
 AD			
20	Confirm battery change in rear SAM control unit (N10/8) in the Actuators menu item.	Model 217.3 as of model year 2016 except code U98 (LITHIUM-IONEN-STARTERBATTERIE (LISB)) When replacing the on-board electrical system battery (2).	AD00.00-P-2000-04B
 AD			

 Battery

Number	Designation	Model 217
BA54.10-P-1002-01J	Nut, tensioning strap to battery frame	Nm 23

 Battery

Number	Designation	Model 217
BA54.10-P-1003-01J	Nut, charging cable to negative terminal/positive terminal of on-board electrical system battery	Nm 6