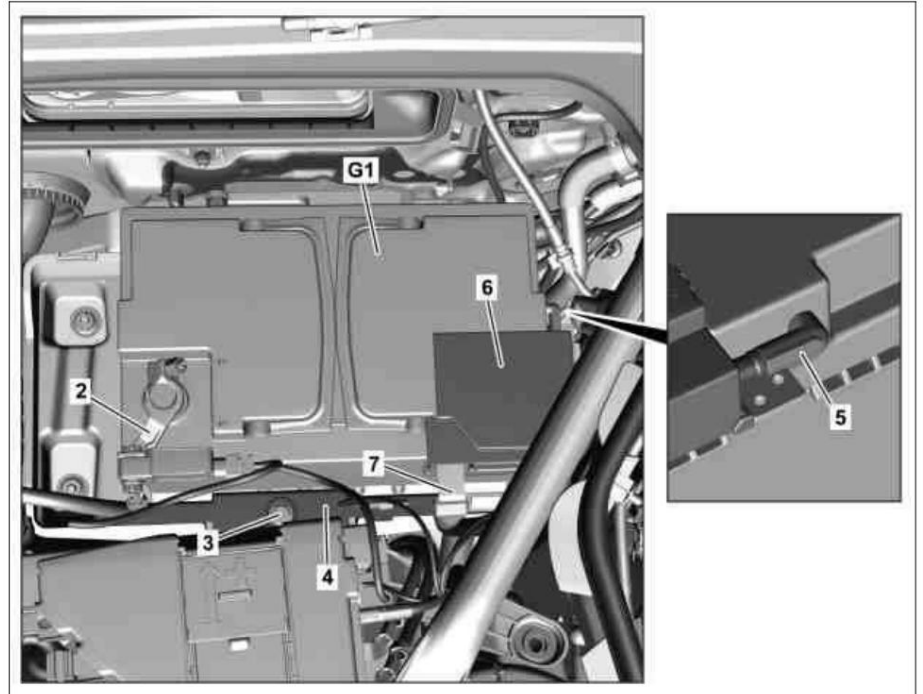


**Type 238**

except code B01 (48V technology) except  
code U98 (LITHIUM-ION STARTER BATTERY (LISB))

**Shown on type 238.### 1#**

- 2 Masseleitung
- 3 screw
- 4 mounting rail
- 5 vent hose
- 6 cover
- 7 positive line
- G1 on-board battery



P54.10-4556-06

	Risk of <b>explosion</b> from fire, sparks, naked flames and smoking AS54.10-Z-0001-01A oxyhydrogen. Risk of <b>injury</b> from caustic burns prohibited. Wear acid protective gloves, clothing from eyes, skin and mucous membranes and goggles. Battery acid only in battery electrolyte (contains diluted sulfuric acid) or metal spatter due to short circuit. Danger of <b>burns</b> due to short circuit. Risk of <b>poisoning</b> from swallowing battery electrolyte (contains diluted sulfuric acid) or metal spatter through the skin or body openings		
	Notes battery		AH54.10-P-0001-01A
	<b>Removal, installation</b>		
1	Disconnect the ground wire (2) of the vehicle electrical system battery (G1).		AR54.10-P-0003LWO
2	Unscrew the screw (3) approx. 10 turns until the fastening rail fastening rail (4) can be unscrewed completely (4) folded away from the on-board power supply battery (G1); the screw (3) can be re-attached as long as the on-board power supply battery (G1) is removed.	<p> Should the screw (3) of the unscrewed completely (4) folded away</p> <p> Screw Battery mounting rail *BA54.10-P-1001-01A to battery frame</p>	
3	Vent hose (5) on the Disconnect the on-board battery (G1).	<p> <b>Installation:</b> Make sure the ventilation hose (5) is seated correctly. Otherwise escaping battery vapors will damage the vehicle.</p>	
4	Remove cover (6).		
5	Disconnect the positive line (7) of the onboard power supply battery (G1).	Electrical cable nut to negative pole/ *BA54.10-P-1004-01A positive pole on-board battery	
6	Take out the on-board battery (G1).		
7	Install in reverse order		
8	Confirmation of the battery change in the Front SAM control unit under the menu item Carry out controls	When replacing the on-board battery (G1).	AD00.00-P-2000-06LWO

Number	designation	Type 238
BA54.10-P-1001-01A	Screw fastening rail battery to battery frame	Nm 23

 Battery

Number	designation	Type 238
BA54.10-P-1004-01A	Nut electrical cable to negative pole/positive pole on-board battery	Nm 6