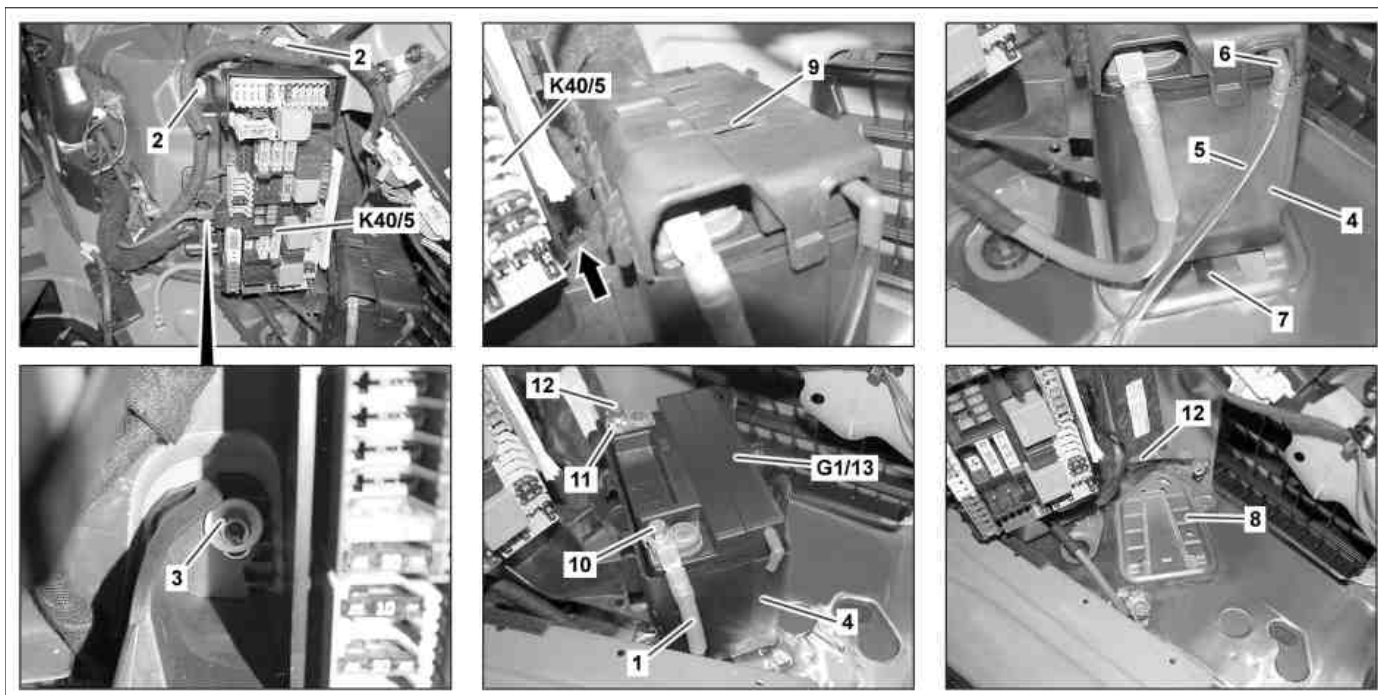









MODEL 222



P54.10-3861-09

- | | | | | | |
|---|------------------------------------|----|---------------------|-------|--|
| 1 | Ground cable | 6 | Angle piece | 11 | Positive line |
| 2 | Nut | 7 | Tab | 12 | Screw/bolt |
| 3 | Nut | 8 | Battery box support | G1/13 | ECO start/stop function additional battery |
| 4 | Battery box for additional battery | 9 | Battery box lid | K40/5 | Rear fuse and relay module |
| 5 | Vent hose | 10 | Screw/bolt | | |

	Danger !	Risk of injury caused by fingers being jammed or pinched when removing, installing or aligning hoods, doors, trunk lid/rear-end door or sliding roof.	No parts of the body or limbs should be within the operating area when the components are moving.	AS00.00-Z-0011-01A
	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
		Notes on battery		AH54.10-P-0001-01A
		Notes on AGM battery		AH54.10-P-0002-01A
		Notes on sensor system for trunk lid opening/closing		AH80.61-P-0001-01A
		Remove/install		
1		Switch off all electrical consumers and the ignition	All electrical consumers must be switched off. They may otherwise be damaged when the ground line (1) is disconnected/connected.	
2		Remove luggage compartment lining on right	MODEL 222.0/1	AR68.30-P-4600LF
3		Unscrew nuts (2, 3)		
4		Tilt upper part of rear fuse and relay module (K40/5) to the back and lower part to the front and with a swivel movement upward, guide it out of the support (arrow) on the battery box for additional battery (4)	Guide rear fuse and relay module (K40/5) carefully out of the support (arrow). Otherwise the catch hook that locks the housing of the rear fuse and relay module (K40/5) in the support (arrow) can break.	

5	Detach vent hose (5) from angle piece (6)	 Installation: Check vent hose (5) is seated and routed correctly. Battery acid vapors emitted will otherwise damage surrounding components.	
6	Unlock shackle (7) by pulling it up and push battery box for additional battery (4) back and out of the battery box support (8) far enough to be able to remove the cover of the battery box (9)		
7	Remove cover of battery box (9) from battery box of additional battery (4)		
8	Unscrew screw/bolt (10) and disconnect ground line (1) at ECO start/stop function additional battery (G1/13)	 Screw/bolt (10) remains on ground line (1).  Screw/bolt, charging cable to battery terminal of additional battery	*BA54.10-P-1004-01J
9	Using a diode test lamp, check on-board electrical system for voltage between positive line (11) of ECO start/stop function additional battery (G1/13) and a suitable ground point	 Cover up positive line (11). Otherwise a short circuit may occur. If the diode test lamp lights up, the on-board electrical system is still active because of a defect in the electrical system. In this case the ground line of the on-board electrical system battery should be disconnected. ↓ Disconnect/connect battery ground line  The electrical system is to be repaired once the work to be carried out has been completed.	AR54.10-P-0003LF
10	Remove screw/bolt (12) and detach positive line (11)	 Screw/bolt (12) remains on positive line (11).  Screw/bolt, charging cable to battery terminal of additional battery	*BA54.10-P-1004-01J
11	Take battery box for additional battery (4) with ECO start/stop function additional battery (G1/13) out of trunk		
12	Take ECO start/stop function additional battery (G1/13) out of battery box for additional battery (4)		
13	Install in the reverse order		

 Battery

Number	Designation		MODEL 222
BA54.10-P-1004-01J	Screw/bolt, charging cable to battery terminal of additional battery	Nm	6