

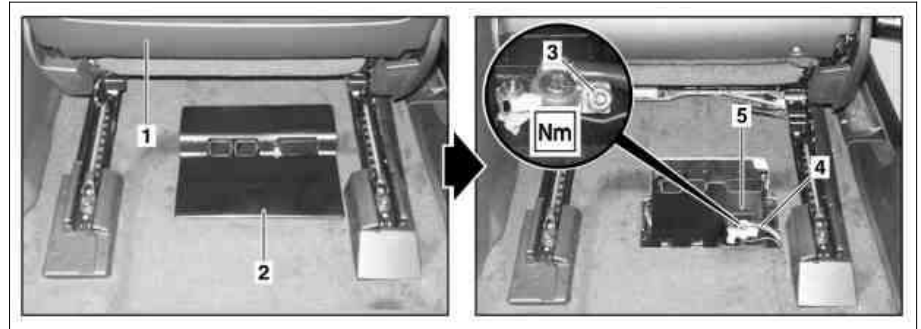
Model 164, 166, 292

Modification notes

16.12.2019	Open hood added.	Operation step 1	
18.12.2019	Disconnect charging cable of high-voltage on-board electrical system added.	Step 4	
18.12.2019	Disconnect charger of on-board electrical system battery added.	Step 5	
18.12.2019	Disconnect diagnostic unit added.	Step 6	

Shown on model 164

- 1 Passenger seat
- 2 Cover
- 3 Nut
- 4 Ground cable
- 5 Battery



P54.10-4264-04

	Risk of death when working on component parts and systems with $U \geq 30$ V alternating voltage (AC) or $U \geq 60$ V direct voltage (DC)	Do not touch damaged or defective live component parts and lines or non-insulated electrical connections and lines.	AS00.00-Z-0035-01A
	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
	General information on vehicles with high-voltage on-board electrical system and/or lithium-ion battery and/or gaseous-fuel drive system as well as personal protective equipment		AH00.00-Z-0300-01A
	Notes on battery		AH54.10-P-0001-01A
	Remove/install		
1	Open hood.	Model 166 with code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in))	
2	Move front passenger seat (1) into foremost and uppermost positions and set seat backrest to vertical position.		
3	Switch off ignition and store transmitter key outside of transmitter range (at least 2 m).		
4	Disconnect charging cable of high-voltage on-board electrical system.	Model 166 with code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in)) If a charging cable is connected.	
5	Disconnect charger of on-board electrical system battery (5).	When an external charger is connected.	
6 	Disconnect diagnostic unit.	If a diagnostic device is connected.	AD00.00-P-2000-04A
7	Remove cover (2).		
8	Release nut (3) on battery negative pole terminal and disconnect ground line (4) from battery (5).	Nut, battery line to negative terminal/ positive terminal	*BA54.10-P-1012-01C
9	Using a diode test lamp, check the on-board electrical system for voltage between the positive line of the battery (5) and the disconnected ground line (4).	If the diode test lamp lights up, the on-board electrical system is still active because of a defect in the electrical system.	

10	Detach ground line from auxiliary battery.	<p>Only if the diode test lamp lights up.</p> <p>Model 166.8 as of model year 2016 with code 4U7 (Start/stop voltage dip protector)</p> <p>Model 164</p> <p>Model 166 up to model year 2016 except code B03 (ECO start/stop function) except code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in))</p> <p>Model 166.0 as of model year 2016 with code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in))</p> <p>Model 166.0 up to model year 2016 with code B03 (ECO start/stop function)</p> <p>Model 166.0 as of model year 2016 with code 4U7 (Start/stop voltage dip protector) except code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in))</p> <p>Model 292 with code 4U7 (Start/stop voltage dip protector)</p> <p>Model 166.8 up to model year 2016 with code B03 (ECO start/stop function)</p>	<p>AR54.10-P-0121GQA</p> <p>AR54.10-P-0007GZ</p> <p>AR54.10-P-0121GQ</p> <p>AR54.10-P-0007GQA</p> <p>AR54.10-P-0121GQB</p> <p>AR54.10-P-0007GQX</p>
11	Install in the reverse order.		
	Adjust		
12	Perform basic programming.	<p>Model 164, 166, 292</p> <p>Model 164, 166</p>	AR00.19-P-0200GZ

Nm Battery

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

Nm Battery

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