

Model 164, 166, 292

Modification notes

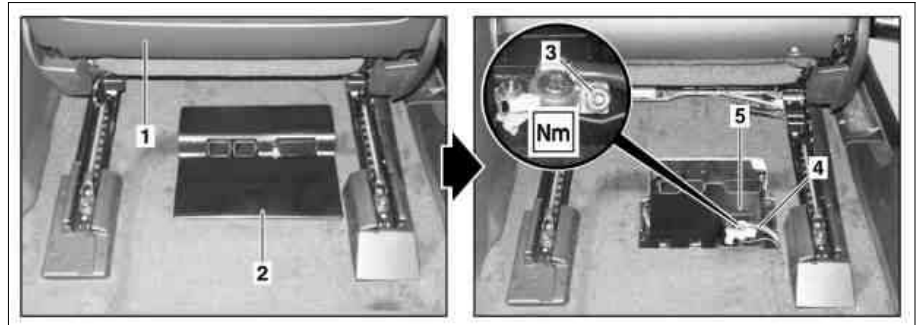
04.02.2016

Document references added

In operation 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 touching components on vehicles with high-voltage on-board electrical system	Do not touch damaged or defective components and open lines of the high-voltage on-board electrical system. Persons who wear electronic implants (e.g. cardiac pacemakers) must not carry out any work on high-voltage on-board electrical systems. Model 164.195 Model 166.0 as of model year 2016 with code ME05 (HYBRID DRIVE 80KW VARIANT (INCLUDING PLUGIN))	AS54.00-Z-0001-01A
⚠ Warning	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
⚠ Warning	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
	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
	Note on high-voltage battery	Model 164.195	AH54.10-P-0006-01A
	Note on high-voltage battery	Model 166.0 as of model year 2016 with code ME05 (HYBRID DRIVE 80KW VARIANT (INCLUDING PLUGIN))	AH54.10-P-0006-01MEV
	Note on high-voltage on-board electrical system	Model 164.195 Model 166.0 as of model year 2016 with code ME05 (HYBRID DRIVE 80KW VARIANT (INCLUDING PLUGIN))	AH54.00-P-0010-01A
	Notes on 12 V/48 V lithium-ion battery		AH54.10-P-0004-01A
	Notes on battery		AH54.10-P-0001-01A
	Evaluation of high-voltage components	Model 164.195, 166.063	AH54.00-P-6500-01SXH
	Notes on AGM battery		AH54.10-P-0002-01A
⚠ ⚠	Remove/install		
1	Move front passenger seat (1) into foremost and uppermost position and set backrest to vertical position		
2	Switch off ignition and keep transmitter key at a location beyond transmitter range (at least 2 m)		
3	Remove cover (2)		

4	Remove nut (3) from terminal on battery negative pole, and detach ground line (4) from battery (5)	<p>i Ensure that no jumper start device is connected to vehicle.</p> <p>Nm Nut, battery line to negative terminal/positive terminal</p>	*BA54.10-P-1012-01C
5	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)	i If the diode test lamp lights up, the on-board electrical system is still active because of a defect in the electrical system.	
6	Disconnect ground cable from additional 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 80KW VARIANT (INCLUDING PLUGIN))</p> <p>Model 166.0 as of model year 2016 with code ME05 (HYBRID DRIVE 80KW VARIANT (INCLUDING PLUGIN))</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 80KW VARIANT (INCLUDING PLUGIN))</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 AR54.10-P-0121GQ</p> <p>AR54.10-P-0007GQA</p> <p>AR54.10-P-0121GQB</p> <p>AR54.10-P-0007GQX</p>
7	Install in the reverse order		
	Adjust		
8	Perform basic programming	Model 164, 166	AR00.19-P-0200GZ

Nm Battery

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

Nm Battery

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