

Vehicle identification number WDD 166004

Chassis mode CAR 166004 ML 250 BlueTEC 4MATIC Off-Roader / GLE 250 d 4MATIC 661960 *****

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Document title	Gr.	IT	Status	Document number
Doc. no. ar64.10-p-0007gqa	Title	Remove/install additional battery		
Modifications 07.12.15 - New picture inserted - P...	Validity	Model 166.0 as of model year 2016 with code ME05 (HYBRID DRIVE 80KW VARIANT (INCLUDING PLUG		

Show safety information

Document Modification notes Picture Operation steps Tightening torques

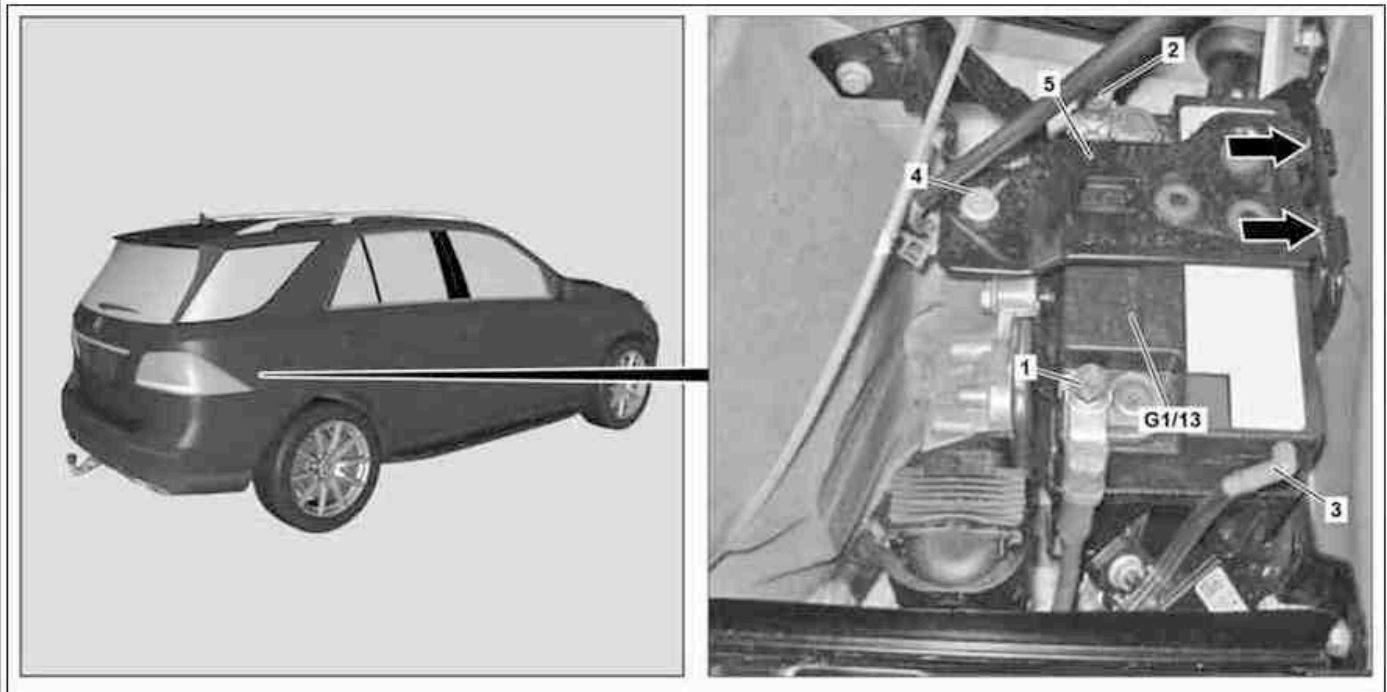
AR54.10-P-0007GQA	Remove/install additional battery	18.02.2016
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Model 166.0
as of model year 2016
with code ME05 (HYBRID DRIVE 80KW VARIANT (INCLUDING PLUGIN))

Model 166.0
up to model year 2016
with code B03 (ECO start/stop function)










Modification notes


07.12.2015	New picture inserted	P54, 10-44 12-09
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|---|-----------|-------|--|
| 1 | Screw | 4 | Screw |
| 2 | Screw | 5 | Bow |
| 3 | Vent hose | G1/13 | ECO start/stop function additional battery |

Danger I	Risk of death when touching components on vehicles with high-voltage on-board electrical system.	Do not touch 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	AS54.00-Z-0001-01A
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 Warning	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	high-voltage on-board electrical systems. 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 on-board electrical system		AH54.00-P-0010-01A
	Notes on battery		AH54.10-P-0001-01A
	Evaluation of high-voltage components	Model 166.063 as of model year 2016 with code ME05 (HYBRID DRIVE 80KW VARIANT (INCLUDING PLUGIN))	AH54.00-P-6500-01SXH
	Notes on AGM battery		AH54.10-P-0002-01A
	Remove/install		
1	Switch off ignition and keep transmitter key at a location beyond transmitter range (at least 2 m)		
2	Remove right side of panel in trunk		AR68.30-P-4800GQ
3	Remove bolt (1)	 Screw/bolt, battery cable to battery terminal for additional battery	*BA54.10-P-1013-01C
4	Detach ground line from additional battery for ECO start/stop function (G1/13)		
5	Connect diode test lamp between positive line of additional battery for ECO start/stop function (G1/13) and suitable ground point to check on-board electrical system for voltage.	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: ↓ Detach ground line from on-board electrical system battery .	
6	Unscrew bolt (2)	 Screw/bolt, battery cable to battery terminal for additional battery	AR54.10-P-0003GZ *BA54.10-P-1013-01C
7	Detach positive line		
8	Pull out bleed hose (3)		
9	Remove bolt (4) from bracket (5)		
10	Swivel bracket (5) upwards	 Installation: Ensure that lugs (arrows) are seated correctly.	
11	Remove additional battery for ECO start/stop function (G1/13) from the battery carrier		
12	Install in the reverse order		

 Battery

Number	Designation	Model 166
BA54.10-P-1013-01C	Screw/bolt, battery cable to battery terminal for additional battery	M6 Nm 6