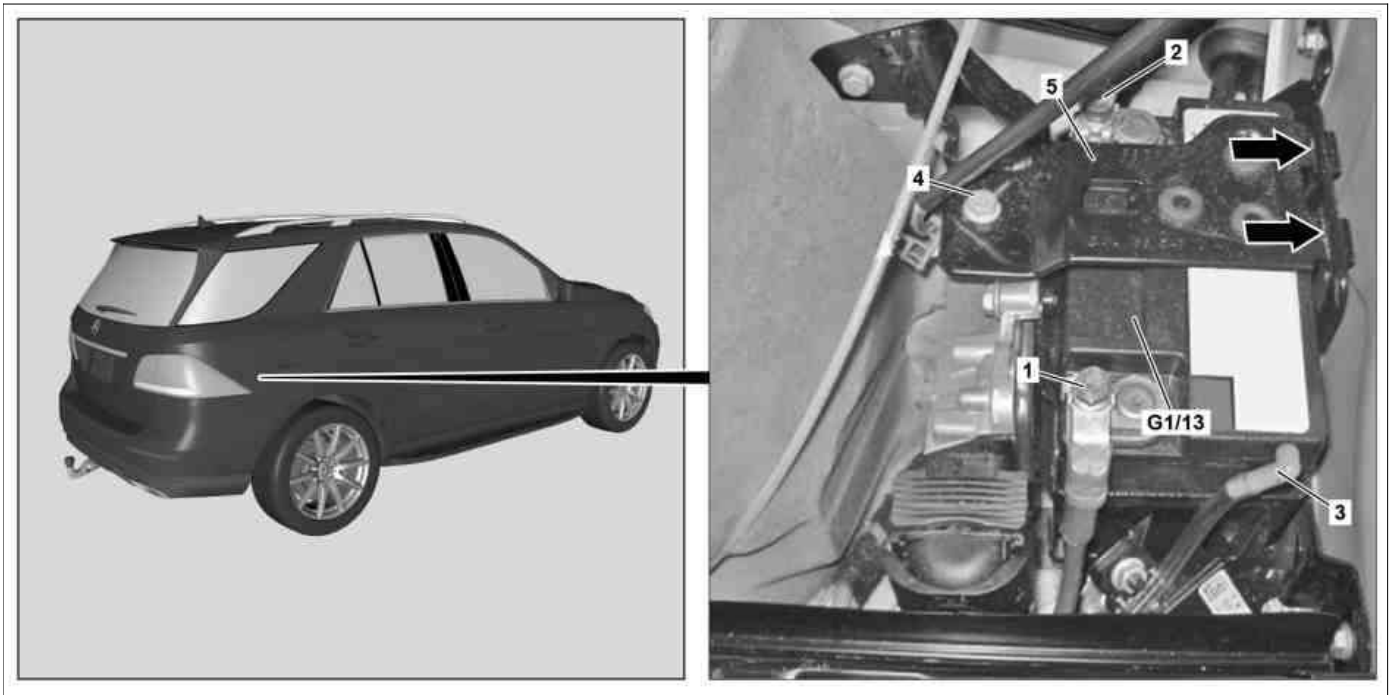


Model 166.0
as of model year 2016
with code ME05 (Hybrid drive 85 kW-94 kW variant (incl. plug-in))

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

Modification notes



| | | | |
|------------|----------------------|----------------|--|
| 07.12.2015 | New picture inserted | P54.10-4412-09 | |
|------------|----------------------|----------------|--|



P54.10-4412-09

| | | | |
|---|-----------|-------|--|
| 1 | Screw | 4 | Screw |
| 2 | Screw | 5 | Bow |
| 3 | Vent hose | G1/13 | ECO start/stop function additional battery |

| | | | |
|---|---|---|---------------------|
| | 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 handling vehicles with high-voltage on-board electrical system and/or lithium-ion battery and/or gaseous-fuel drive system | | AH00.00-Z-0300-01A |
| | Notes on battery | | AH54.10-P-0001-01A |
| | Remove/install | | |
| 1 | Switch off ignition and store transmitter key outside of transmission range (min. 2 m) | | |
| 2 | Remove right side of panel in trunk | | AR68.30-P-4800GQ |
| 3 | Remove screw (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 . | AR54.10-P-0003GZ |
| 6 | Unscrew bolt (2) |  Screw/bolt, battery cable to battery terminal for additional battery | *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 |