

MODEL 164 with ENGINE 113, 156, 272, 273

Modification notes

17.9.12

Fuel tank capacity

MODEL 164.1/8

BF47.10-P-1001-01F

Shown on engine 113

- 1 Cap
- 2 Service valve



P47.10-2342-06

Shown on engine 272.967

- 1 Cap
- 2 Service valve



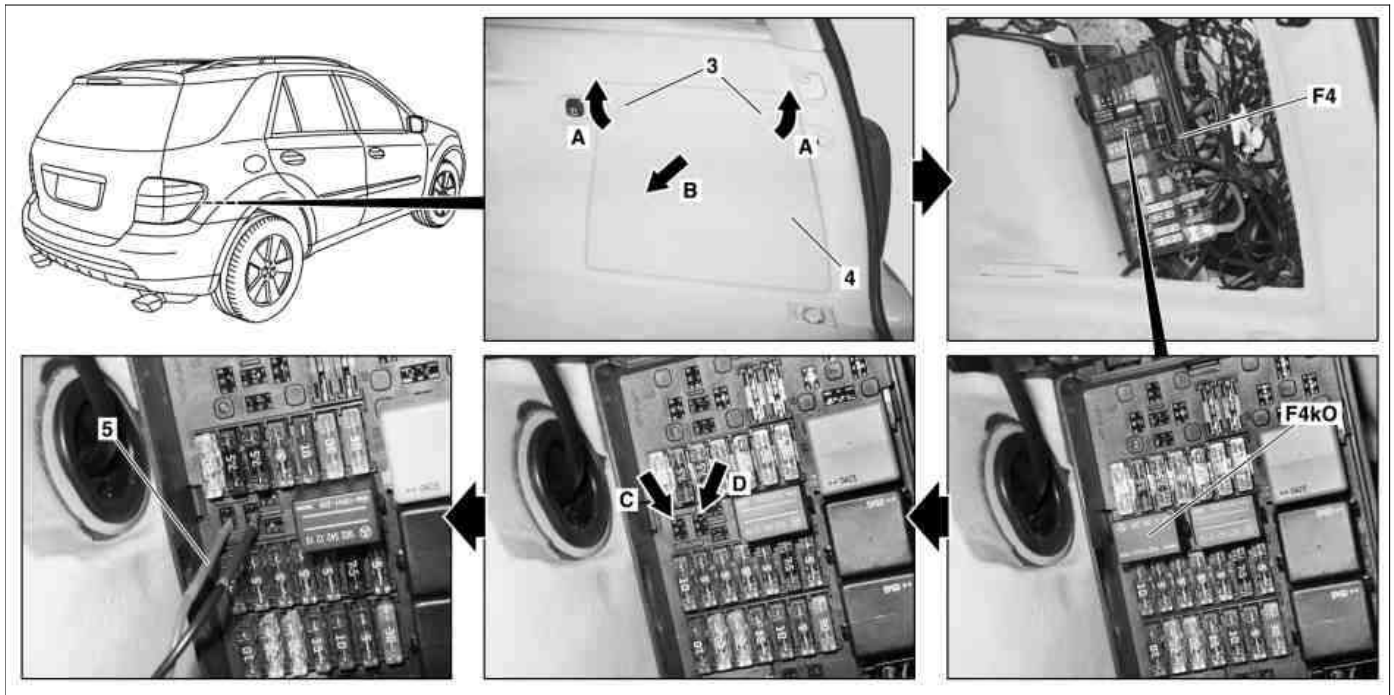
P47.10-2343-06

Shown on engine 273

- 1 Cap
- 2 Service valve



P47.10-2380-06



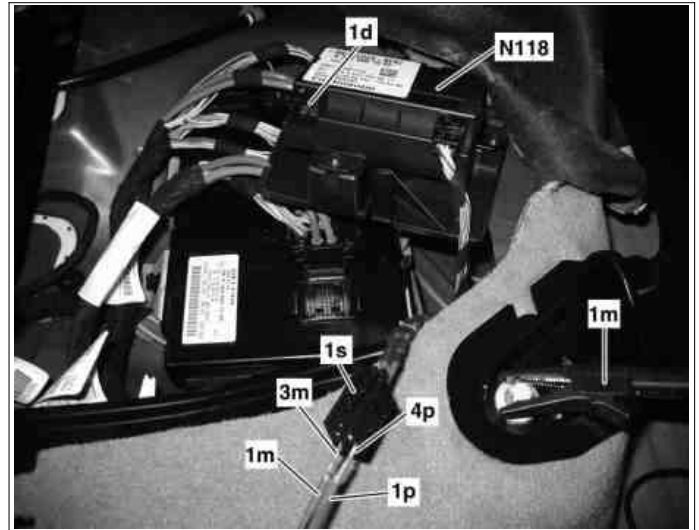
P47.10-2344-09

Shown on model 164.1 up to model year 2009

- | | | | | | |
|---|-------|----|-------------------------------------|------|-----------------|
| 3 | Locks | 5 | Jumper cable | F4kO | Fuel pump relay |
| 4 | Cover | F4 | Load compartment fuse and relay box | | |

Shown on model 164.195

- 1d Connection
- 1m Line
- 1p Line
- 1s Connector
- 3m Plug connection 3
- 4p Plug connection 4
- N118 Fuel system control unit



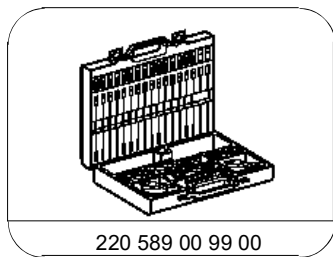
P54.21-3114-11

| ☒ ☒ | Remove/install | | |
|------|--|--|---------------------------------------|
| | Risk of explosion caused by fuel igniting, risk of poisoning caused by inhaling and swallowing fuel as well as risk of injury to eyes and skin caused by contact with fuel. | No fires, sparks, open flames or smoking. Pour fuels into suitable and appropriately marked containers only. Wear protective clothing when handling fuel. | AS47.00-Z-0001-01A |
| | 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 |
| 1 | Open fuel filler flap and unscrew tank cap | i So that no vacuum is created in the fuel tank when pumping out the fuel. | |
| 2 | Removes strut tower brace | MODEL 164.8 with ENGINE 273 i Remove strut tower brace from strut tower mounts. | AR62.30-P-2500GY |
| 3 | Remove upper engine cover | ! Engine 156.980): do not tilt front engine cover but lift it off vertically towards the top. Damage will occur to the retaining lugs otherwise. | |
| 4 | Pull off air hose via service valve (2) | Engine 273 | |
| 5 | Remove right carrier bracket for power electronics | MODEL 164.195 with ENGINE 272.973 | AR08.10-P-0011GZH |
| 6 | Unscrew cap (1) from service valve (2) | | |
| 7 | Screw on pressure hose at service valve (2) and release fuel pressure | i Use safety container to catch the fuel; observe filling capacity of the safety container. S Pressure hose | *119589046300 |
| 8 | Turn locks (3) in direction of arrow (A) and remove cover (4) from side cover for load compartment (arrow B) | | |
| 9 | Unfold rear bench seat and change cover | As of model year 2009 | |
| 10.1 | Pull out fuel pump relay (F4kO) | Up to model year 2009 | |
| 10.2 | Remove FSCU (N118) and detach connector (1s) from connection (1d) | As of model year 2009 i Observe lower retaining lug. | |
| 11 | Install in the reverse order | | |
| | Draining | | |
| 12.1 | Bridge plug contact 3 (arrow C) and plug contact 5 (arrow D) from fuel pump relay (F4kO) and empty fuel tank | Up to model year 2009 If fuel cannot be pumped off because of a defective fuel pump: Empty fuel tank on systems with faulty fuel pumps MODEL 164 with ENGINE 113, 156, 272, 273 with CODE 917 (Gas-tight fuel tank) Empty fuel tank on systems with faulty fuel pumps MODEL 164 with ENGINE 113, 156, 272, 273 without CODE 917 (Gas-tight fuel tank) i Use safety container to catch the fuel; observe filling capacity of the safety container. | AR47.10-P-4000GZH AR47.10-P-4000GZ |

| | | | |
|------|--|---|--|
| 12.2 | Connect plug connector 3 (3m) with cable (1m) and plug connector 4 (4p) with cable (1p) so that the fuel pump id actuated and the fuel tank is emptied | As of model year 2009 If fuel cannot be pumped off because of a defective fuel pump: Empty fuel tank on systems with faulty fuel pumpsMODEL 164 with ENGINE 113, 156, 272, 273 with CODE 917 (Gas-tight fuel tank) Empty fuel tank on systems with faulty fuel pumpsMODEL 164 with ENGINE 113, 156, 272, 273 without CODE 917 (Gas-tight fuel tank) i Use safety container to catch the fuel; observe filling capacity of the safety container. i Line routing: ● cable (1m) at ground point ● cable (1p) at circuit 30 for cargo area fuse and relay box (F4) i Electrical connection kit cable adapter 11 S Electrical connection kit | AR47.10-P-4000GZH AR47.10-P-4000GZ *220589009900 |
| | Filling | | |
| 13 | Earth suction master | i The grounding prevents an electrostatic charge. | |
| 14 | Using the Suction Master, pump fuel from safety container through filler neck into fuel tank | i Pay attention to manufacturer's operating instructions and notes. F Fuel tank capacity S Evacuation hose | *BF47.10-P-1001-01F *168589009000 |
| 15 | Close tank cap and fuel filler flap | | |
| 16 | Remove Saugmaster grounding terminal | | |

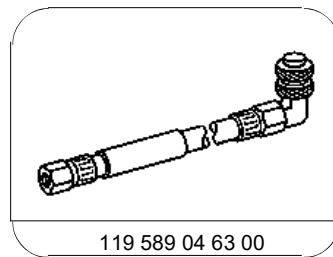
F Fuel tank capacity

| Number | Designation | MODEL 164.1/8 | |
|--------------------|--------------------|------------------------|-----------|
| BF47.10-P-1001-01F | Fuel tank capacity | Total filling capacity | Liter 100 |
| | | Reserve capacity | Liter 13 |



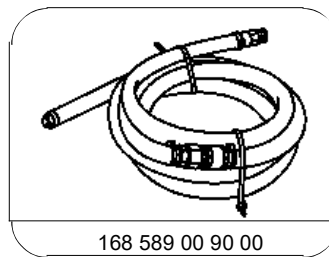
220 589 00 99 00

Electrical connection kit



119 589 04 63 00

Pressure hose



168 589 00 90 00

Evacuation hose