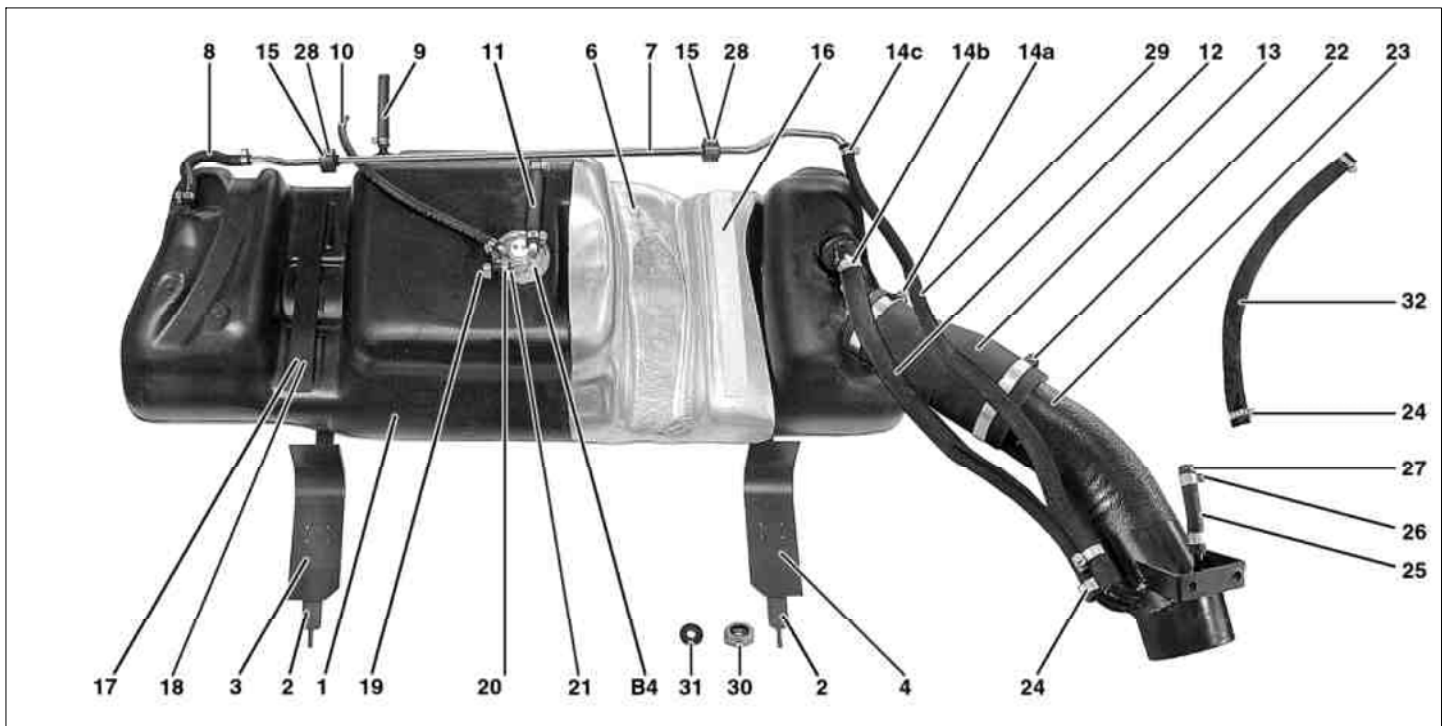


MODEL 460 with ENGINE 115.973, 602.930, 616.936 /941, 617.931

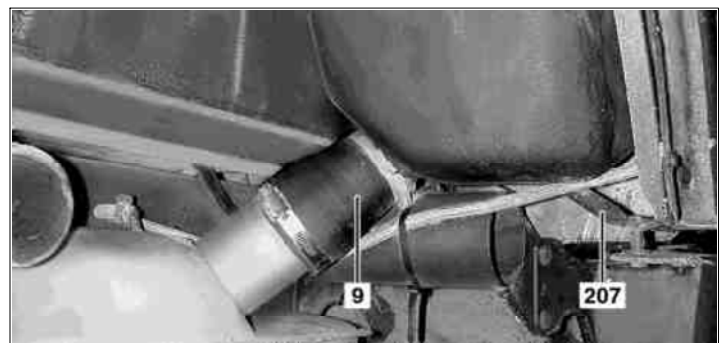


P47.10-2118-09

Fig. A

- |            |                   |               |               |        |                  |
|------------|-------------------|---------------|---------------|--------|------------------|
| 1          | Fuel tank         | 14a, 14b, 14c | Clamps        | 23     | Filler fitting   |
| 2          | Tensioning straps | 15, 28        | Rubber pad    | 24, 26 | Clamp            |
| 3, 4       | Rails             | 16, 17        | Adhesive foil | 29     | Hose             |
| 6          | Heat shield       | 18            | Adhesive tape | 30     | M8 nuts          |
| 7          | Vent line         | 19, 27        | Blind plug    | 31     | Shims            |
| 8, 9, 10   | Hose              | 20, 22        | Clamp         | 32     | Hose             |
| 11, 12, 13 | Hose              | 21, 25        | Hose          | B4     | Fuel gage sensor |

- 9 Hose  
207 Bumper/fender brace



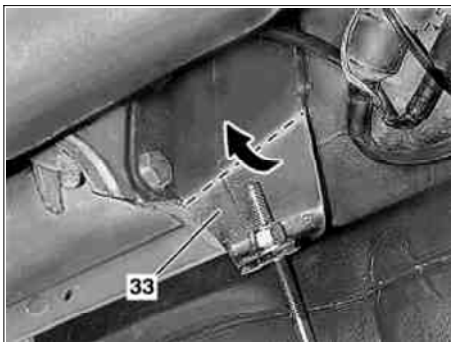
P47.10-2116-10

- 200 Seat belt retractor  
201 Belt end fitting  
202 Belt guide brace  
203 Rear bench seat locking console  
204 Rear side wall paneling (load compartment)



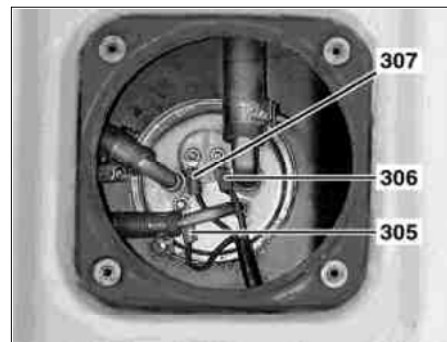
P91.40-2342-10

33 Fastening shackles



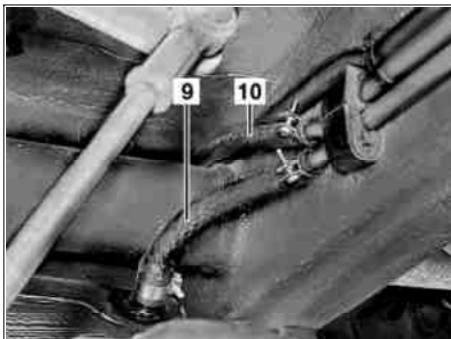
P47.00-2065-01

- 305 Electrical line (red/brown)
- 306 Electrical line (brown/yellow black)
- 307 Electrical line (blue/black)



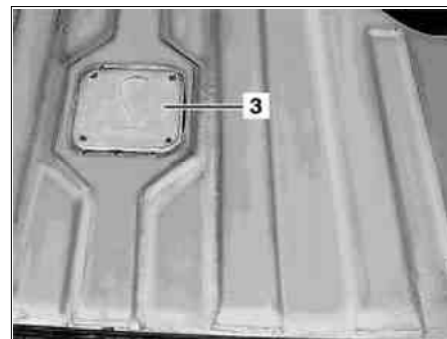
P47.10-2119-01

- 9 Fuel return line
- 10 Fuel feed line








P47.25-2038-01

- 3 Fuel gage sensor cover



P47.10-2120-01

|                  |                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                    |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
|                  | <b>Remove</b>                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                    |
| <b>⚠ Danger!</b> | <b>Risk of explosion</b> if ignition takes place, <b>risk of poisoning</b> caused by inhaling fuel vapors or swallowing fuel, as well as <b>risk of injury</b> to skin and eyes exposed to fuel. | No fire, sparks, naked flames or smoking.<br>Pour fuels only into suitable and appropriately marked containers.<br>Wear protective clothing when handling fuel.                                                                                                                                                                                                                                                                                                                                                          | AS47.00-Z-0001-01A |
| 1                | Remove fuel tank                                                                                                                                                                                 | with metal fuel tank.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | AR47.10-P-4100GDV  |
| 2                | Convert and assemble fuel tank (1) as per figure (A) in removed condition                                                                                                                        | For cutting hose connections to length.<br>Always check parts for chafe marks during fuel tank conversion and installation activities.                                                                                                                                                                                                                                                                                                                                                                                   |                    |
| 3                | Lift fuel tank (1) into place and cut hose connections to length.                                                                                                                                | Ask an assistant to help.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |
| 4                | Cut fuel hoses (11, 12, 25, 29) to appropriate length.                                                                                                                                           | On vehicles without auxiliary heater, seal the extraction pipe using item (19, 20, 21).<br>On vehicles equipped with a vented fuel tank cover, seal the vent pipe at the filler neck using item (25, 26, 27).<br>On vehicles without a vented fuel tank cover, connect vent pipe at the tank filler neck to the tank vent valve connecting point. For this purpose, cut hose (25) to 30 mm length and slide it onto the tank filler neck vent pipe. Then connect hose (32) onto it and tighten the hose with clamp (24). |                    |
| 5                | Loosen clamps (14a, 14b, 14c) and remove the complete filler neck (23) from fuel tank (1).                                                                                                       | Components (5, 8, 9, 10, 19, 20, 21) remain installed on the fuel tank.<br>Do not disassemble components (12, 13, 22, 23, 24, 25, 26, 27, 29).                                                                                                                                                                                                                                                                                                                                                                           |                    |
| 6                | Remove vent line (7) of fuel tank (1) again.                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                    |
| 7                | Install heat shield plate (6) on fuel tank (1)                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                    |
| 8                | Attach adhesive foil (16, 17) and adhesive tape (18)                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                    |
| 9                | Install vent line (7)                                                                                                                                                                            | Insert vent line (7) from left to right between chassis and frame. Protect the line from chafing using rubber blocks (15, 28). Position the rubber blocks (15, 28) such that they rest between chassis and frame.<br>If necessary, bend vent line (7) on left side into correct shape.<br>The previous vent line (7) bracket is no longer used. As compared to the old line, the new line is located about 100 mm further to the front (seen in the direction of travel).                                                |                    |

|                                                                                   |                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                      |                     |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 10                                                                                | Hook tensioning straps (2) with rails (3, 4) into frame                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                      |                     |
| 11                                                                                | Install and connect pre-assembled filler neck (23)                                                                                                                                                                                                                                             | <p><b>i</b> Connect and tighten hose (13) to fuel tank. Any additional tank previously installed on the left or right side can no longer be reinstalled.</p> <p><b>i</b> For this, instead of the right additional tank the respective filler neck (30) must be ordered separately. See parts ordering notes</p> <p>The installed filler neck can be reused if no additional tank was installed.</p> |                     |
|    | <b>Install</b>                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                      |                     |
| 12                                                                                | Insert fuel tank (1)                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                      |                     |
| 13                                                                                | Attach tensioning straps (2)                                                                                                                                                                                                                                                                   | <p><b>i</b> Readjust the two fastening shackles (33) at the frame. Attach both tensioning straps (2) with shims (31) and self-locking M8 nuts (30). The spring version is discontinued.</p>                                                                                                                                                                                                          |                     |
| 14                                                                                | Connect fuel feed line (10) and return line (9)                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                      |                     |
| 15                                                                                | Fasten the vent hoses (12, 29) at the right rear wheelhouse with cable straps                                                                                                                                                                                                                  | <p><b>i</b> Be sure to prevent chafe marks.</p>                                                                                                                                                                                                                                                                                                                                                      |                     |
| 16                                                                                | Convert, connect and apply preserver to the electrical lines (305, 306, 307) at the fuel gage sensor (B4)                                                                                                                                                                                      | <p><b>i</b></p> <p>Convert electrical line (305) red/brown to cable lug <math>\geq</math> 5 mm.</p> <p>Convert electrical lines (306) brown/yellow/black and (307) blue/black to cable lug <math>\geq</math> 4 mm.</p>                                                                                                                                                                               |                     |
|    | <b>Inspect</b>                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                      |                     |
| 17                                                                                | Visually inspect all connections for completeness and correct installation                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                      |                     |
| 18                                                                                | Fill in fuel                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                      |                     |
|    | <b>Inspect</b>                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                      |                     |
| 19                                                                                | Visually inspect the system for leakage                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                      |                     |
| 20                                                                                | Mount the bumper/fender brace (207)                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                      |                     |
| 21                                                                                | Install rear wheels                                                                                                                                                                                                                                                                            | <p><b>i</b> On right and left.</p>                                                                                                                                                                                                                                                                                                                                                                   |                     |
| 22                                                                                | Install cover (3) for fuel gage sensor (B4)                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                      |                     |
| 23                                                                                | Glue in wheelhouse floor covering                                                                                                                                                                                                                                                              | <p><b>i</b> On right and left.</p>                                                                                                                                                                                                                                                                                                                                                                   |                     |
| 24                                                                                | Install rear door pillar paneling                                                                                                                                                                                                                                                              | <p><b>i</b> On right and left.</p>                                                                                                                                                                                                                                                                                                                                                                   |                     |
| 25                                                                                | Install rear side wall paneling (204)                                                                                                                                                                                                                                                          | <p><b>i</b> On right and left.</p>                                                                                                                                                                                                                                                                                                                                                                   |                     |
| 26                                                                                | Install seat locking console (203) on left and right                                                                                                                                                                                                                                           | <p><b>i</b> Observe spacers.</p>                                                                                                                                                                                                                                                                                                                                                                     |                     |
| 27                                                                                | Install seat belt guide brace (202)                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                      |                     |
| 28                                                                                | Install seat belt retractor (200) and end fitting (201)                                                                                                                                                                                                                                        | <p><b>i</b> On right and left.</p>                                                                                                                                                                                                                                                                                                                                                                   |                     |
| 29                                                                                | Install luggage compartment floor covering                                                                                                                                                                                                                                                     | <p><b>i</b> Glue floor covering back into position.</p>                                                                                                                                                                                                                                                                                                                                              | *BR00.45-Z-1003-02A |
|  | <b>Danger!</b>                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                      |                     |
| 30                                                                                | <p><b>Risk of explosion</b> from explosive gas. <b>Risk of poisoning and caustic burns</b> from swallowing battery electrolyte. <b>Risk of injury</b> through burns to skin and eyes from battery acid or when handling damaged lead-acid batteries</p> <p>Connect ground cable to battery</p> | <p>No fire, sparks, naked flames or smoking. Wear protective gloves, acid-resistant clothing and safety glasses. Pour battery electrolyte only into suitable and appropriately marked containers.</p> <p><b>i</b> <b>Installation:</b> Code radio, set clock, calibrate power windows and set timer on vehicles with stationary heater</p>                                                           | AS54.10-Z-0001-01A  |
| 31                                                                                | Bleed fuel system                                                                                                                                                                                                                                                                              | <p><b>i</b> See Operating Instructions</p>                                                                                                                                                                                                                                                                                                                                                           |                     |
|  | <b>Inspect</b>                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                      |                     |
| 32                                                                                | Run engine and visually inspect system for leakage                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                      |                     |
| <b>i</b>                                                                          | A fuel tank underride guard is available for installation as optional equipment to be ordered as a separate item.                                                                                                                                                                              | For installation of the underride guard (24, 25, 26, 27, 28, 41, 42) see figure (A) in the document                                                                                                                                                                                                                                                                                                  | SM47.10-P-0001GE    |
|                                                                                   |                                                                                                                                                                                                                                                                                                | <p><b>i</b> Additional parts to be ordered for the underride guard: see parts ordering notes</p>                                                                                                                                                                                                                                                                                                     |                     |