

**47--700    Removal and installation of fuel tank**

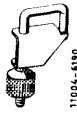
**Filling capacities in litres**

|                          |            |            |
|--------------------------|------------|------------|
| Model                    | 107        | 116        |
| Full readout             | approx. 90 | approx. 96 |
| Warning light -- reserve | 11--13     |            |

**Tightening torques**

|                                                  |                |                        |
|--------------------------------------------------|----------------|------------------------|
|                                                  | Nm             | (kpm)                  |
| Fastening screws or fastening nuts for fuel tank | 20--25         | (2--2.5)               |
| Immersion tube transmitter                       | with O-ring    | 20--30    (2--3)       |
|                                                  | with cork seal | 3--4        (0.3--0.4) |

**Special tool**

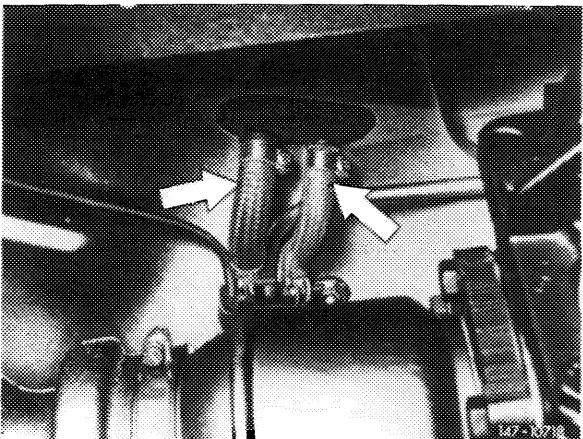
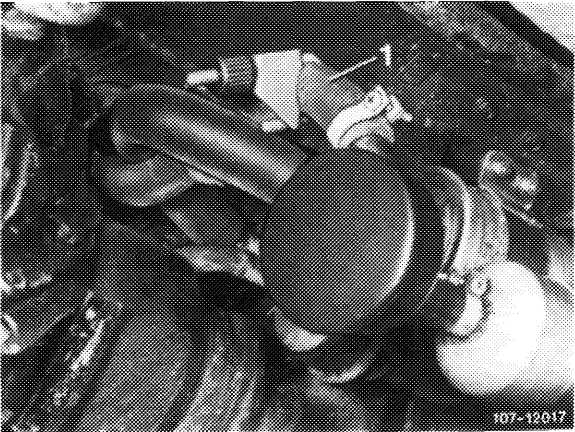
|                     |                                                                                    |                  |
|---------------------|------------------------------------------------------------------------------------|------------------|
| Clamp for fuel hose |  | 000 589 40 37 00 |
|---------------------|------------------------------------------------------------------------------------|------------------|

**Attention!**

When removing fuel tank, pay attention to safety rules.

**Removal**

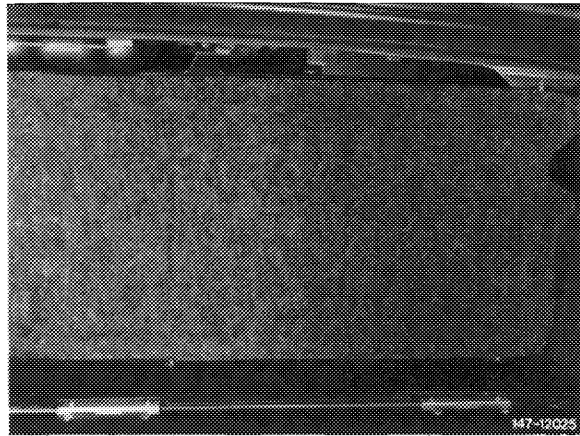
- 1 Disconnect (pinch) fuel suction hose (1) with a clamp.
- 2 Loosen fuel suction hose on damper reservoir and pull-off. Loosen clamp and drain fuel.
- 3 Loosen fuel return hose and breather hose on fuel tank and pull-off (arrows).



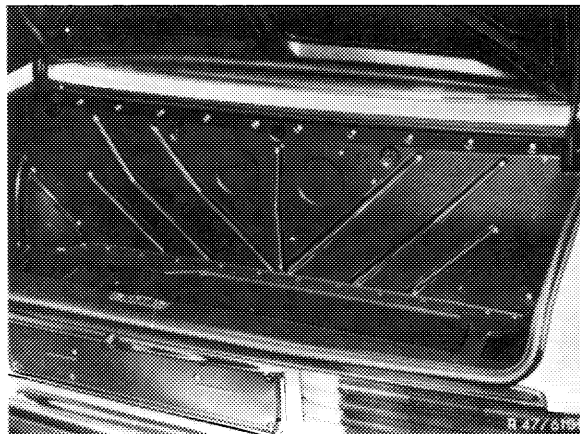
4 Remove rubber mat and vehicle jack from trunk.

5 Unscrew rear wall and remove.

Model 107.02, 116

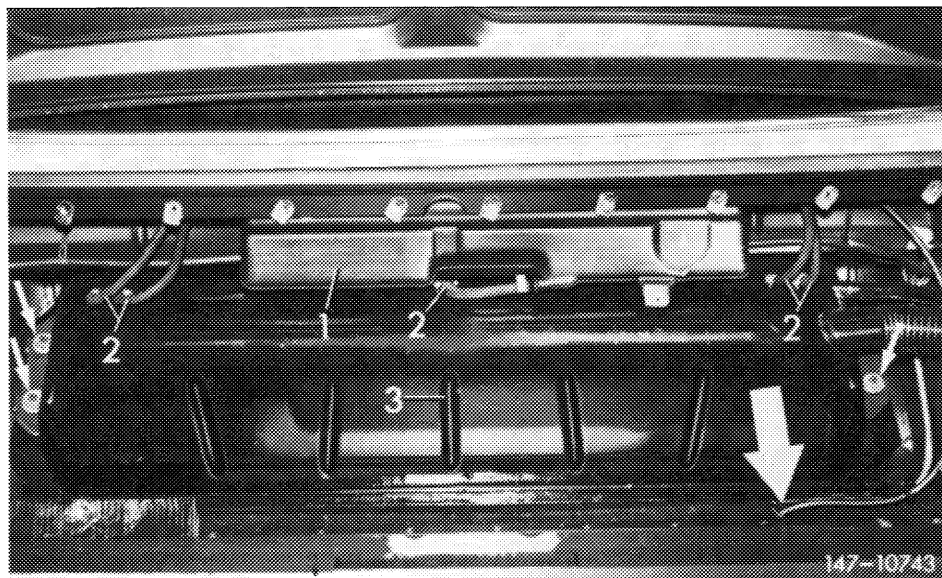


Model 107.04



6 On model 107.04  
remove fuel hoses  
(2) to expansion  
tank on fuel tank.

Model 107.04



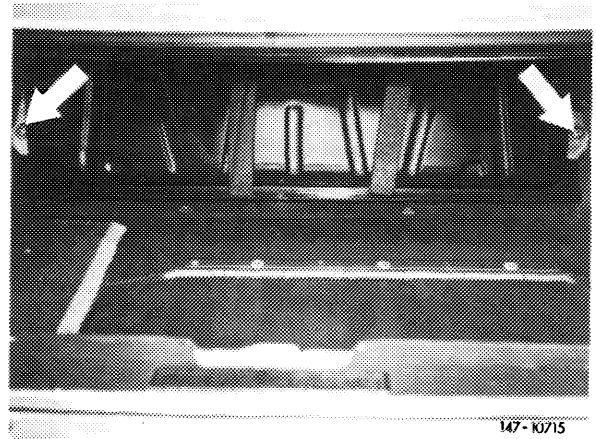
7 Loosen fuel tank fastening screws or fastening nuts (arrows).

8 Remove fuel tank, while pulling cable plug connection from immersion tube transmitter and protect against slipping by means of a wire.

### Installation

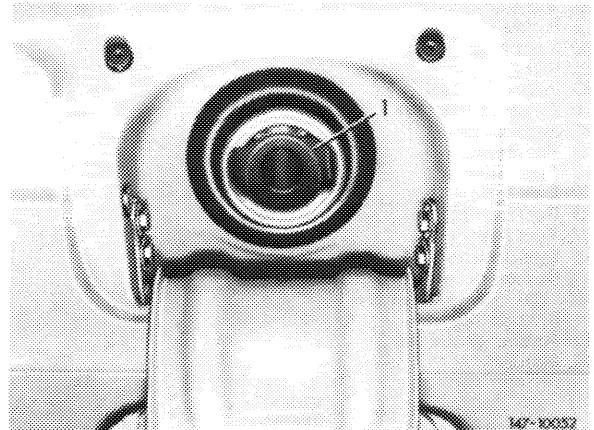
9 Install fuel tank in vice versa sequence, proceed as follows:

- a) Check whether foam rubber strips on fuel tank are tight, glue down if required.
- b) Mount fuel tank with specified reinforcing shims and washers.
- c) Pay attention to correct seat of rubber sleeve on fuel filler neck.
- d) Prior to slipping fuel tank completely into tank mount, plug-on cable plug connection of immersion tube transmitter.

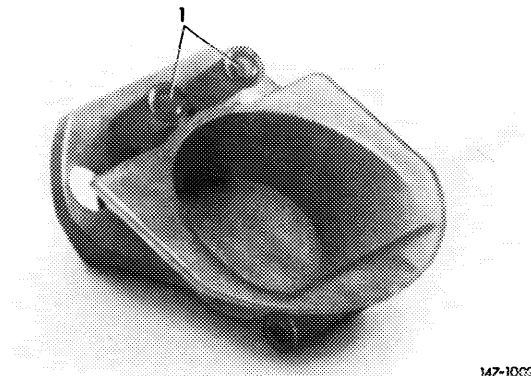


### model year 1975

On these vehicles, the small size of the dispensing guns for lead-free fuel requires a guide funnel (1) installed in filler neck.

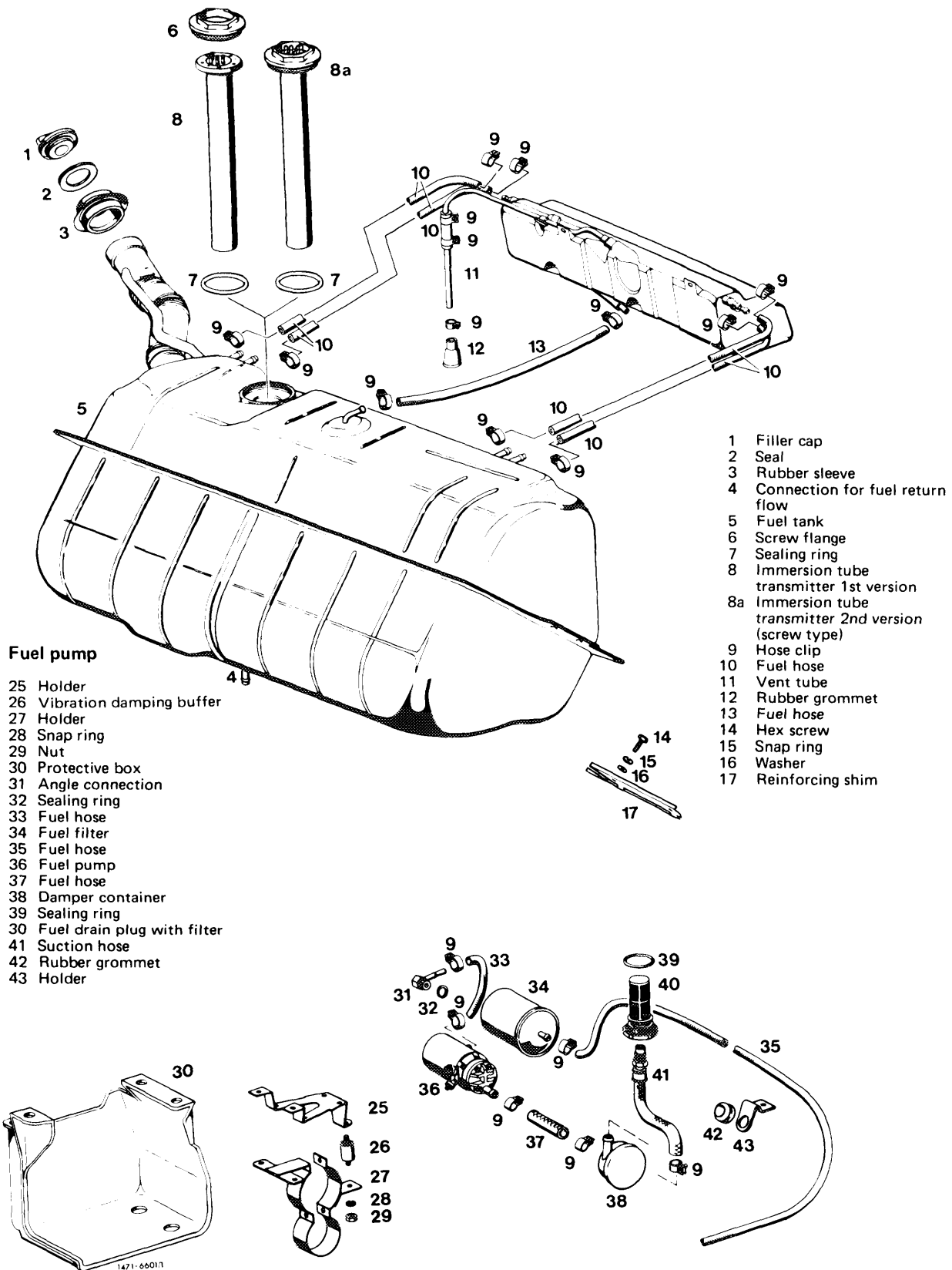


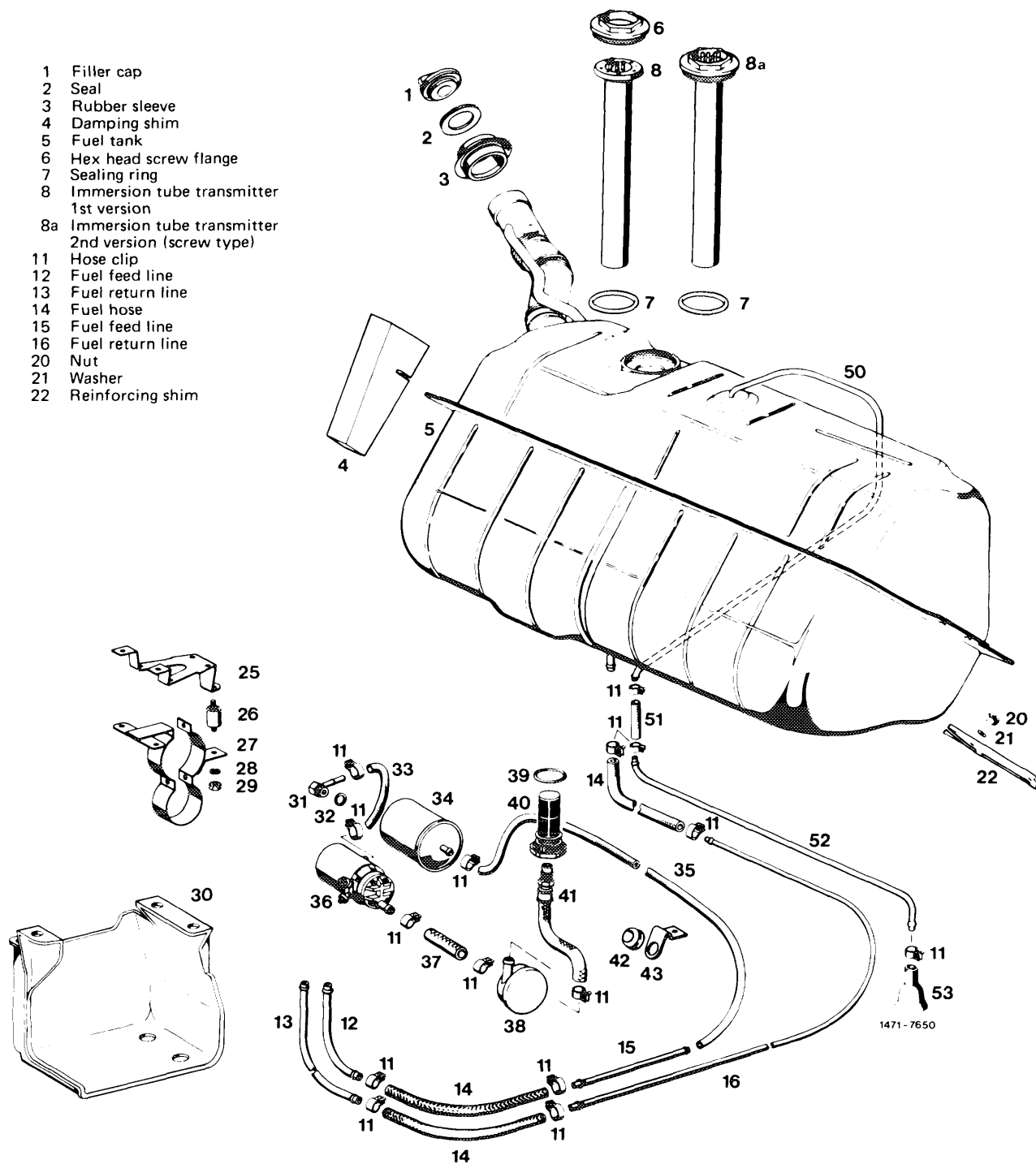
If the fuel tank of such a vehicle is replaced, also install a guide funnel on **USA vehicles only**. For this purpose, place guide funnel into filler neck prior to assembly of fuel tank and knock-in fastening rivets (1) with a mandrel up to stop.



# Fuel system, fuel tank breathing system (positive and negative venting)

Model 107.04





#### Fuel pump

- 25 Holder
- 26 Vibration damping buffer
- 27 Holder
- 28 Snap ring
- 29 Nut
- 30 Protective box
- 31 Angle connection
- 32 Sealing ring
- 33 Fuel hose

- 34 Fuel filter
- 35 Fuel hose
- 36 Fuel pump
- 37 Fuel hose
- 38 Damper container
- 39 Sealing ring
- 40 Fuel drain plug with filter
- 41 Fuel suction hose
- 42 Rubber grommet
- 43 Holder

#### Fuel tank

- 50 Vent line
- 51 Fuel hose
- 52 Vent line
- 53 Rubber grommet