

suction line. The fuel return line between the injection pump and the fuel tank is screwed down at the same place as the return line on Diesel engine cars.

On recent cars of Model 220 SE Cabriolet and Coupé the fuel tank vent line is located on the left side of the fuel tank. If complaints are received about fuel leakage from the vent line on older cars of Models 180 to 220 SE (except 190 SL) the vent line can be subsequently installed as shown in Fig. 47-1/6.

C. Screw Plug for Fuel Tank

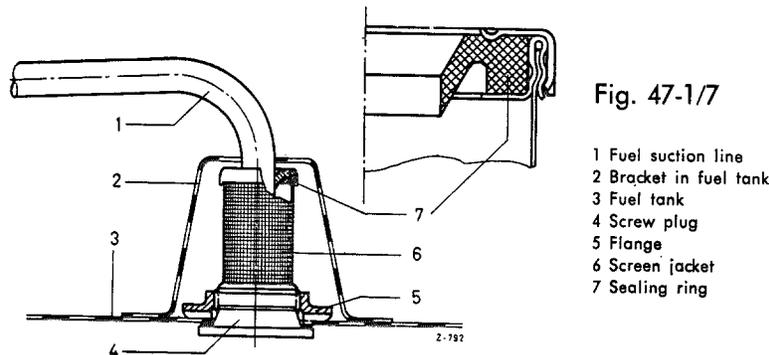
I. Models 180 to 220 S

The screw plug is provided with a screen jacket filter. When the screw plug is screwed into the fuel tank, the ring presses against a bracket in the fuel tank and prevents unfiltered fuel from flowing into the suction line.

II. Model 220 SE

1st Version

A sealing ring (7) has been installed in the screw plug (4) in the upper part of the screen jacket (6). When the screw plug is screwed in, the lip of the sealing ring is pushed over the fuel suction line (1) and provides a seal against the screen (Fig. 47-1/7).



2nd Version

Because of the low suction head of the fuel feed pump the fuel suction line in the fuel tank was lowered.

For this reason a small number of cars have a screw plug without screen jacket in the fuel tank and have a filter soldered to the fuel suction line which is parallel to the fuel tank bottom. On this version the filter (screen jacket) cannot be cleaned. If the filter should be clogged by impurities in the fuel or in the tank, the fuel tank must be replaced by a new tank with a 3rd version screw plug.

3rd Version

The screw plug (4) is provided with a screen jacket (6). The screen jacket is covered at the top by a lid (7). The fuel suction line (1) is soldered to the threaded socket (5). The screw plug (4) must be screwed through the lower and upper threads of the threaded socket (5).

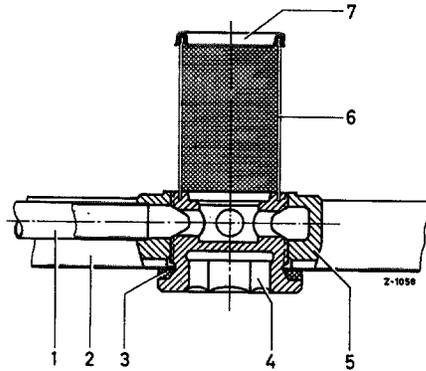


Fig. 47-1/8

- 1 Fuel suction line
- 2 Fuel tank
- 3 Sealing ring
- 4 Screw plug
- 5 Threaded socket
- 6 Screen jacket
- 7 Lid