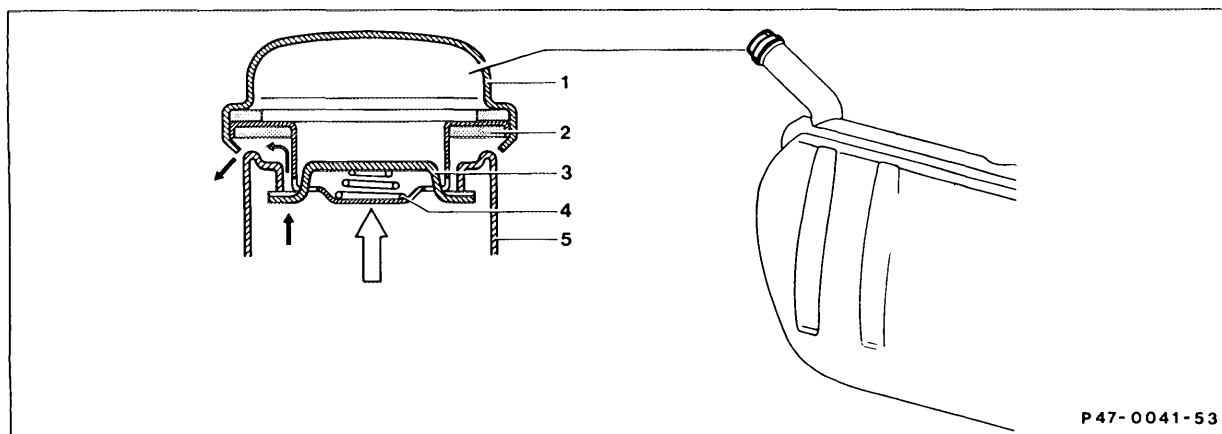


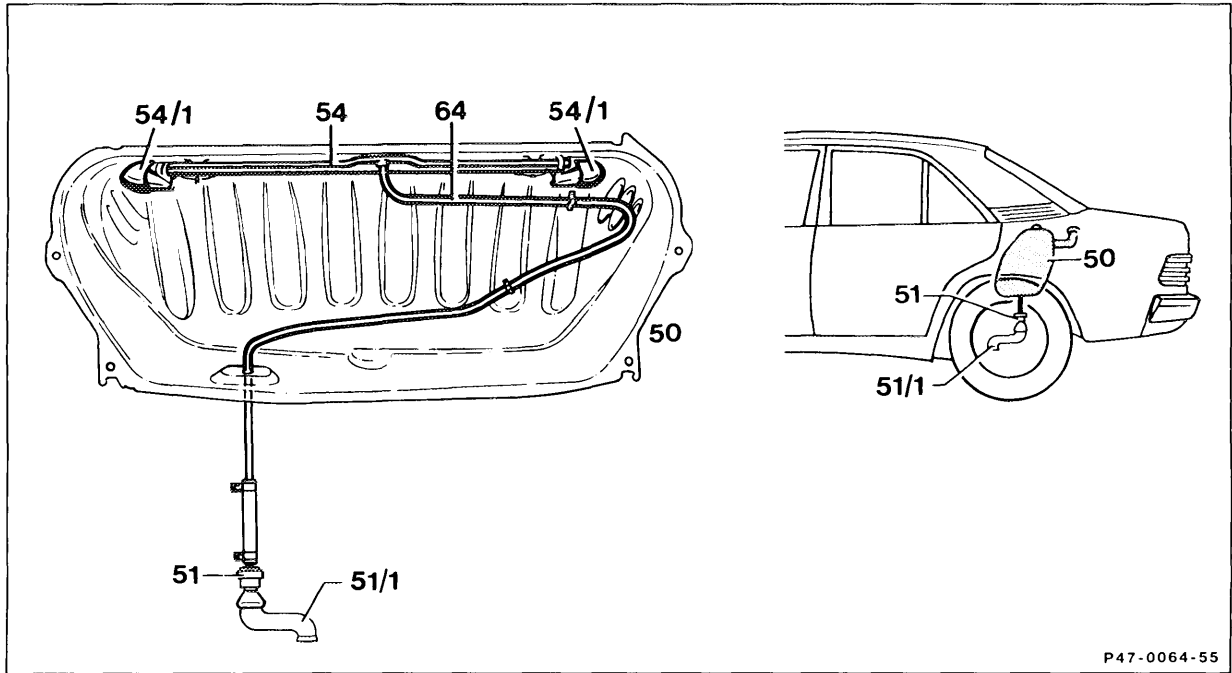
Filler cap



All models

- 1 Filler cap
- 2 Sealing ring
- 3 Locking bar
- 4 Compression spring
- 5 Filler neck

The fuel evaporation gases escape through the filler cap at a pressure of 100–300 mbar gauge. This only occurs, if, for example, the passage in the vent line from the fuel tank is not clear. If the system is operating properly, an overpressure of up to 50 mbar may be present in the fuel tank.

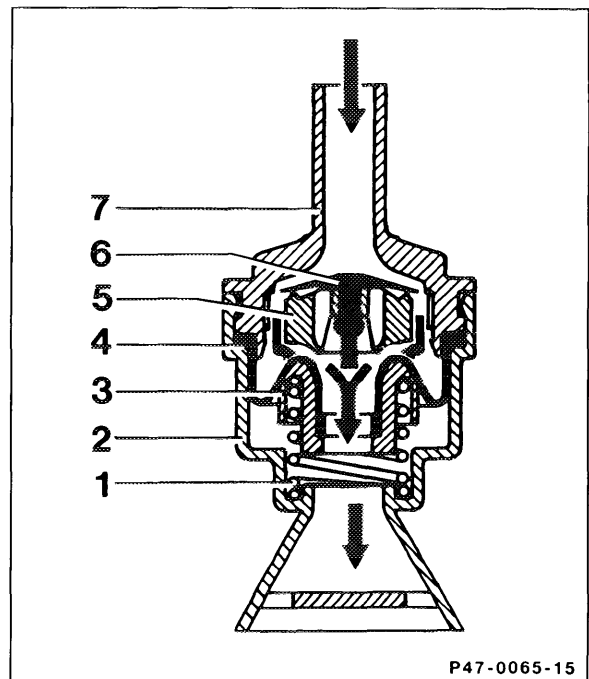


- 50 Fuel tank
- 51 Vent valve
- 51/1 Protective rubber boot
- 54 Central pipe
- 54/1 Siphon breaker
- 64 Vent line

The vent system consists of a central pipe (54) with an siphon breaker (54/1) at each end. The siphon breakers prevent fuel escaping along the vent line. The vent line (64) runs from the central pipe to the vent valve (51).

If an overpressure of 30–50 mbar is reached in the fuel tank, the vent valve (4) opens and the fuel vapors flow to the charcoal canister.

- 1 Compression spring
- 2 Valve housing
- 3 Spring plate
- 4 Vent valve
- 5 Valve plate
- 6 Air admission valve
- 7 Connection fitting

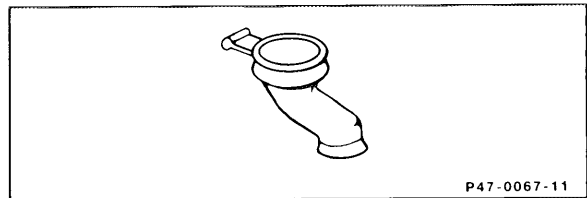
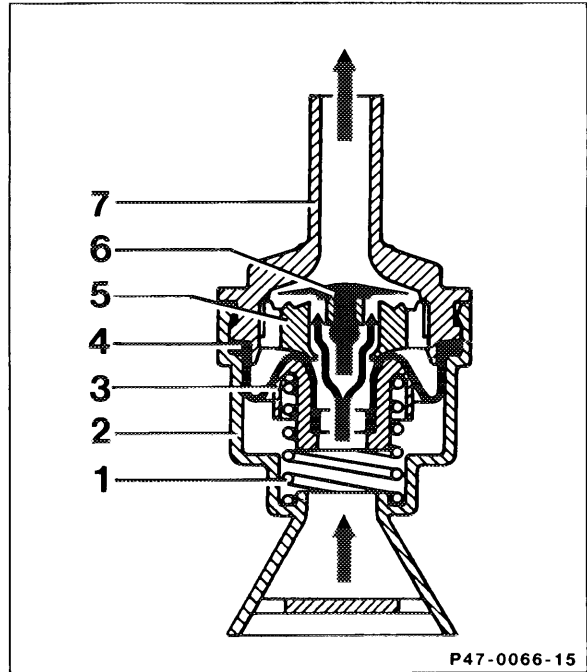


If a vacuum of 1–16 mbar is produced in the fuel tank, the air admission valve (6) opens.

The protective rubber boot at the end of the vent valve prevents dirt and splash water entering the vent valve.

Standard implementation:

Model	Vehicle ident No.	
	April 1986	May 1986
201	A 296211	F 227064



Vent system modified

The vent system has been modified by the addition of lines and siphon breakers (arrows) so that no fuel can escape through the vent system even under extreme conditions (rollover).

Standard implementation: phased-in (approx. 10/88)

