



## **Ford / Seat / VW Galaxy / Alhambra / Sharan Engine: 1.9 TDI**

### **Loss of refrigerant / Poor cooling performance / Sudden loss of refrigerant**

In the above-mentioned vehicles, leaks can develop near the press fittings of the pipe to the dryer (see photo, pos. A). If the refrigerant has been lost completely, particular attention must be paid to the pipelines and crimp connections of the fittings. In this case, the empty air conditioning was evacuated correctly and the vacuum test did not reveal any leaks. The air conditioning also appeared to be airtight after it had been refilled with refrigerant. After the air-conditioning system had been switched on, however, and respective pressure built up, the refrigerant suddenly escaped. This is proof that a completely "empty" air-conditioning system should not simply be refilled with refrigerant despite a supposed leak test having been carried out. Rather, the system should be filled with nitrogen at a pressure of 12 bar first. If this escapes suddenly from a leak spot, this is not only less dangerous for the fitter but also for the environment.

Note: In older vehicles the filter-dryers show heavy signs of corrosion (see photo, pos. B). Such filter-dryers should always be replaced irrespective of their age.

**Bulletin**

