



## **Volvo**

***S 60 Model year: from 09.2000***

***S 80 Model year: from 05.1998***

***V 70 Model year: from 03.2000***

***XC 70 Model year: from 09.2000***

***XC 90 Model year: from 09.2003***

### **Noises from the A/C system through "flash gas"**

When the air-conditioning system is in operation, noises can sometimes be heard on account of "flash gas".

"Flash gas" is gas bubbles that can occur on the high-pressure side. This can be caused by too little refrigerant in the system, or insufficient liquefying of the refrigerant in the condenser. When "flash gas" is formed, the suction pipe of the filter-dryer is no longer completely immersed in the liquid refrigerant and picks up gas bubbles too. This can lead to vibrations on the ball of the expansion valve and cause various noises (hissing, gurgling, bubbling).

The problem can occur with the above-mentioned vehicles, particularly at outdoor temperatures of between 15 and 25 °C and a speed < 25 km/h.

As a first measure, the refrigerant should be recovered, the air-conditioning system evacuated and refilled. If this does not lead to elimination of the noises, a software update on the air-conditioning control unit can help. This results in changed triggering of the condenser fan, so that this is switched on at speeds < 25 km/h and from a refrigerant pressure of 4.2 bar.

**Bulletin**