



## **VW**

### **Polo (9N)**

### **Model year: 2001–08.2002**

### **With air-conditioning system**

#### **Various noises with the air-conditioning system switched on**

If various wind/howling noises occur in the case of the above-mentioned vehicles with the air-conditioning system switched on, these may be caused by a defective expansion valve. In some cases, the noises also sound as if they were being produced by the power-steering pump. Firstly, it should be checked as to whether the noise really occurs only with the air-conditioning system switched on. If this is the case, the following measurements/tests should be carried out before replacing the expansion valve:

- High-pressure and low-pressure values
- Blow temperature at the middle vent
- Interior blower and interior filter
- Condition and tension of the compressor drive belt
- Refrigerant level

If no conspicuous features arise in the case of the above points, proceed as follows:

- Recover the refrigerant
- Replace the expansion valve and the dryer
- Refill the system with the stipulated quantity of refrigerant and oil
- Carry out a pressure test and a leak test
- Measure the blow temperature at the middle vent
- **Check** for noises

Bulletin