



## **Audi**

### **A8 (4D)**

### **Model year: 01.1999–07.2000**

#### **Air-conditioning system: Servomotor noises**

“Clicking” or “rattling” noises may occur in the interiors of the above-mentioned vehicles. These noises may be caused by the servomotors of the air-conditioning system. Since January 1999, a higher voltage has been used to operate the motors. If a flap is at its end stop, the motor is triggered briefly every 7 minutes in order to prevent the flap opening. This causes an additional, mechanical load of the gear on the drive worm of the motor. In some cases this leads to damage of the transmission gears. With the aid of a diagnosis tester, it can be established via a servo-component test which of the motors cause the noises.

Mostly, the “rear air duct” and “central air duct” motors are affected. If there is play between the shaft and the white carrier on the motor shaft, the carrier must also be replaced in the case of these motors. In the case of vehicles manufactured from July 2000, the servomotors and their triggering have been modified at the factory.

Bulletin