



## ***BMW 7 Series (E38), 5 Series (E39) with engines M51, M52, M60, M62***

### **Buzzing noise from the engine compartment, battery discharged**

If there are complaints about the above-mentioned faults, the cause could be a faulty relay. The "sticking" relay of the ABS recirculating pump allows the pump to continue to run sporadically or permanently (when driving or after the engine has been switched off) for an unnecessarily long time. The running pump, which is integrated into the ABS hydraulic unit, is perceptible as a buzzing noise coming from the front right-hand side of the engine compartment. In addition, fault code 15 (recirculating pump) and fault code 14 (ABS valve relay) could be stored in the fault memory.

If the relay does not break contact again on its own, e.g. due to shaking, this can lead to the battery becoming completely discharged and the vehicle no longer starting.

In this case the ABS pump relay must be replaced and the fault codes deleted.

**Bulletin**

