

# **Opel Astra-G, Opel Zafira, Vectra-B - Irregular engine running | HELLA**

**Opel Astra-G, Vectra-B**

**Model years 1998-2000**

**Opel Zafira**

**Model years 1999-2000**

**All models with X18XE1 engine**

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If the above-mentioned symptoms occur on these vehicles, this may be caused by a dirty throttle valve. In this case, check the blow-by hole and, if necessary, drill open to 2mm. Afterwards, the ECU must be reprogrammed with a software modified for this purpose. The ECU software can only be updated by an authorised dealer.

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