

Field Remedy: 1464

Subject: **Rear crankshaft seal ring - Oil leakage**

Models:

Zafira 2002..., Astra-G 2002..., Vectra-B
2002..., Speedster 2002..., VX220
2002...

Engines:

Z22SE, Z22SE, Z22SE, Z22SE, Z22SE

Option:

Complaint: See above.

Cause: Oil return orifice between main bearing and seal ring to crank case not properly machined, causing overpressure in this area, resulting in an oil leakage.

Production: Production process changed as of engine No: 11 041 547

Remedy:

In case of a customer complaint disassemble rear crankshaft seal ring and check oil return orifice (i.e. a wire).
Orifice must be completely machined (Diameter 5 mm). If OK, assemble with new rear crankshaft seal ring.
If NOK, replace short block.

Please note:

If a whistling noise occurs, especially at idle speed in the area of the radial shaft seal (transmission side) it might be that the orifice (connection crank case ventilation) in the elbow hose (air cleaner to throttle valve body) has not properly drilled. Due to pressure differences the mentioned whistling noise can occur. The noise disappears when the oil dip stick is pulled out, because of crank case ventilation.

Remedy: Replace part.

Astra-G, Zafira: Partnumber 24408176 / Catalognumber 58 36 818
Vectra-B: Partnumber 9196367 / Catalognumber 83 58 23
Speedster: Partnumber 9198076 / Catalognumber 48 01 076

FunctionalGroup: J - Engine

Complaint Group: 10 - Leakages

Trouble Code: Non