

CHAIN DRIVE: METALLIC NOISE

Manufacturers: OPEL/VAUXHALL

Models: ASTRA J, INSIGNIA A / B, MERIVA B, MOKKA, ZAFIRA TOURER C

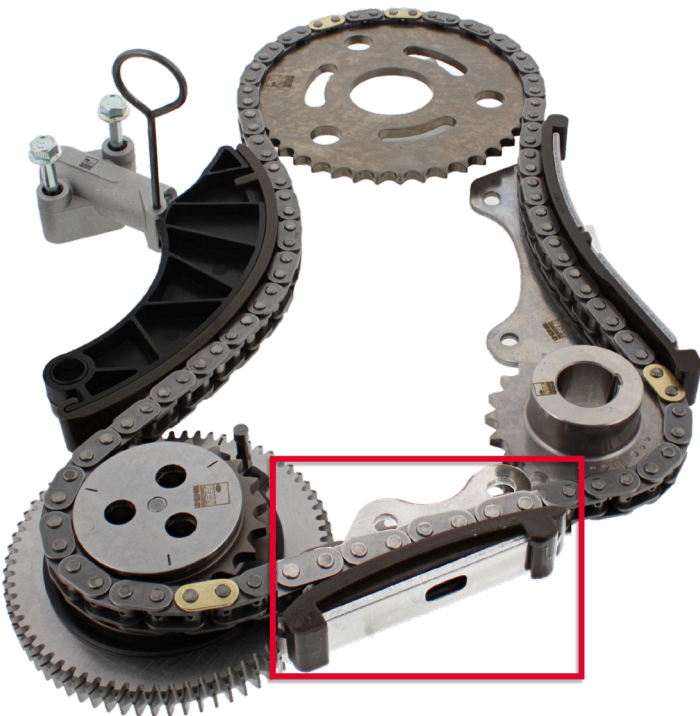
Years: since - 2013

Fuel type: Diesel

Engine code: A16 DTH, B16 DTC, B16 DTE, B16 DTH, B16 DTJ, B16DTL, B16 DTN, B16 DTR, B16 DTU, D16 DTE, D16 DTI, D16 DTH, D16 DTJ, D16 DTN

Symptom: Excessive chain noise at start up

Cause : Damaged timing chain lower rail



The improved tensioner design, including the gasket, prevents vibration of the chain due to incorrect pressure and avoids damage due to excessive stress on the guide.

Recommendation:

When replacing the timing chain system, check the sump, oil pump and oil filter for plastic contamination. Clean the system and replace parts if necessary.

If the oil warning light illuminates, check the condition of the oil pump and filter. Replace if necessary.

Always follow the vehicle manufacturers installation instructions

Low oil pressure in the engine can result in excessive noise from the timing chain and also lead to damage of the lower chain guide.

The tensioner design has been modified to include a gasket that prevents oil returning to the sump when the engine is not in use. This ensures that there is always sufficient oil in the pre-filled chamber.