

To fit:

Opel/Vauxhall Astra J (P10), Astra J GTC, Astra K (B16), Insignia A (G09), Insignia B (Z18), Meriva B (S10), Mokka / Mokka X (J13), Zafira C Tourer (P12)

Chevrolet Cruze (J4), Equinox (1X), Trax (76)

GMC Terrain (A26)

Fitted with the 1.6 CDTi engines
LVK, LVL, LVM, LWQ, LWV



EN

Gasket for Timing Chain Tensioner

Problem

The engine emits a rattling noise from the timing chain area when starting from cold or after an extended period of time.

Cause

The original design of the timing chain tensioner allows the engine oil to drain back into the oil pan. This means that when the engine is first started it takes time for the oil to reach the operating pressure necessary for the timing chain tensioner to work correctly. This then allows the timing chain to move excessively, resulting in a rattle coming from the camshaft drive area.

Solution

Installing febi Gasket 181945 between the timing chain tensioner and the engine block creates a reservoir of oil, preventing it from draining back into the engine. This enables the tensioner to function and provide the tension required to absorb the shock and vibration of the chain as it rotates at start up.

Check that the camshafts, oil pump, and timing chain components are in correct working order, and replace any worn or faulty parts as required.

febi has two Timing Chain Kits for this engine available in range. The first is 106740 which consists of the timing chain, tensioner, and guides, and 108993 which is the same as 106740 but with the addition of the relevant camshaft and crankshaft sprockets. febi recommend that a new oil filter and engine oil are fitted as part of any timing chain repair.

For more technical information please visit: partsfinder.bilsteingroup.com