INA SERVICE INFO

Timing belt KITs: 530065010-530065030

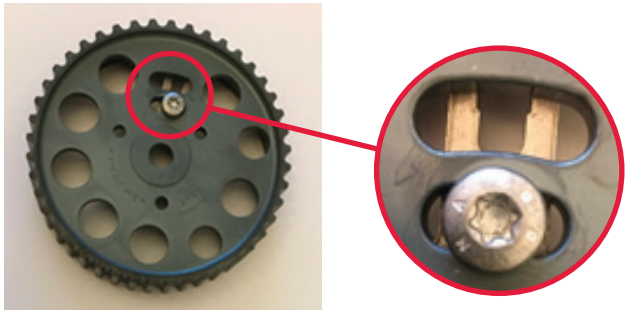
Make:	VAG
Models:	refer to catalogue
Engine:	1.6TDi / 2.0 TDi
Year:	2012 onwards
Part Nr:	refer to catalogue

IMPORTANT!

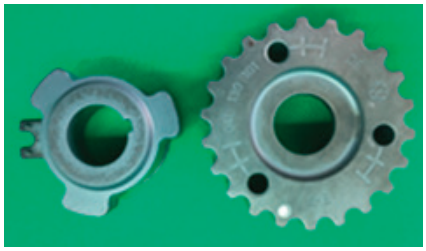
Potential for catastrophic engine failure!

Visually, neither the Camshaft or high pressure Fuel Injection Pump sprockets appear to have slotted adjustment holes.

However, if you examine carefully, the Camshaft has a small Torx bolt in a small slotted hole and the Fuel Pump sprocket is a two-piece unit, the sprocket part rotates back and forth on the inner hub.



Camshaft Sprocket



Fuel Injection Pump Sprocket

Set up instructions:

Lock camshaft sprocket with pin, counterhold camshaft sprocket, slacken centre bolt 90°, and loosen Torx bolt to allow sprocket to move back and forth in the slotted hole.

High pressure fuel pump:
Lock with pin, counterhold sprocket, slacken centre nut 90°, this will allow the pump sprocket to rotate back and forth approx. 3 teeth.

Note 1:
Even though the locking pins will still be in place, the sprockets must rotate to allow uniform belt tension across the complete circumference of the belt.

Note 2:
The Injection Pump sprocket timing marks must be in alignment.

Both Sprockets locked

Continued over...

Please always observe vehicle manufacturer instructions and specifications

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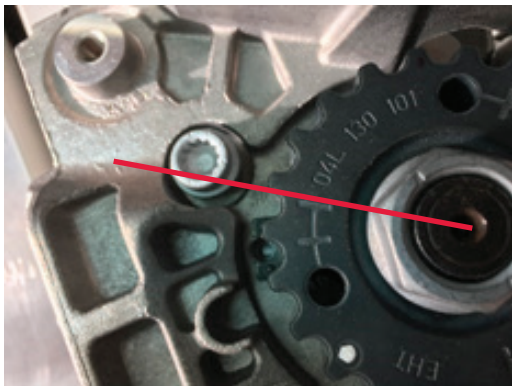
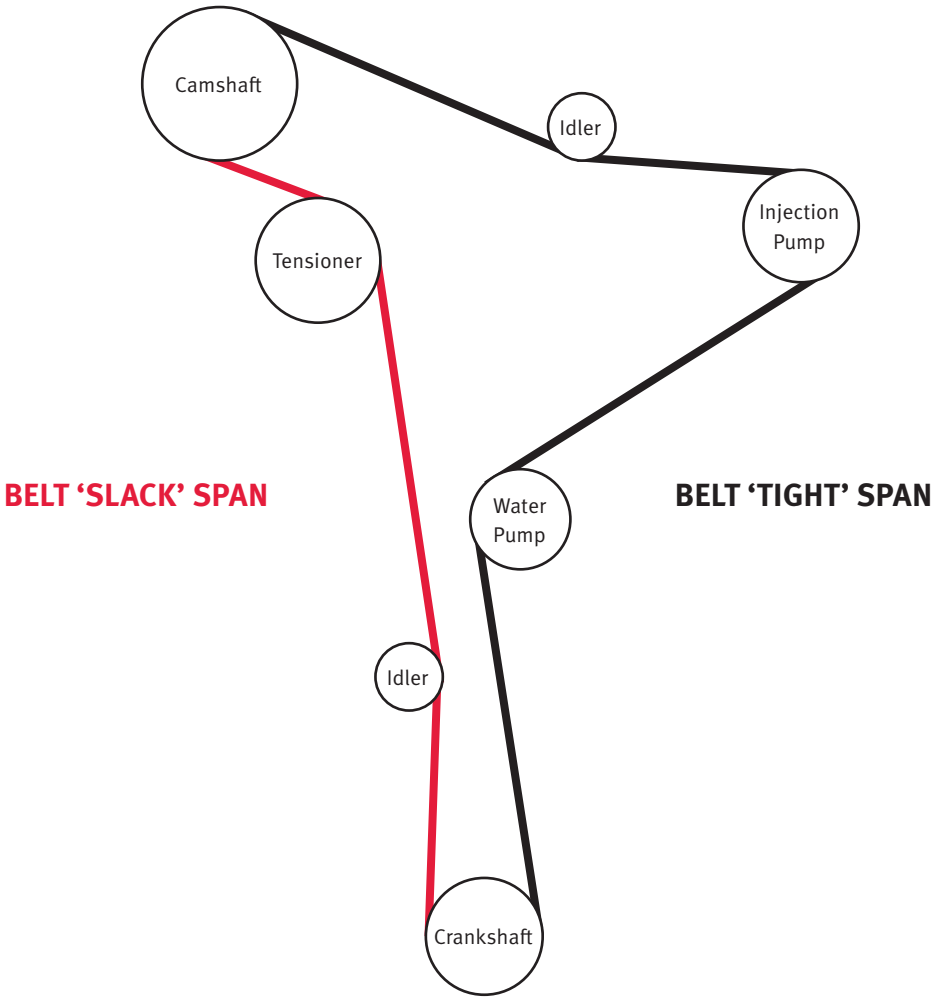
Tensioner failure tab damage
Cause: incorrect setup procedure



Correct Fuel Pump timing position
Shown by red line

Timing Belt route diagram



If the Camshaft and Injection Pump Sprockets are not released prior to the belt tensioner being set, then only the left hand belt span will be tensioned (shown in red - from the Crankshaft Sprocket up to the Camshaft Sprocket).

Consequently, the rest of the belt is now incorrectly tensioned, so when the engine is started an aggressive belt amplitude will have been created.

If not rectified, this amplitude (or vibration) will eventually destroy the tensioner, often causing catastophic engine failure.

Please always observe vehicle manufacturer instructions and specifications