

SKF Technical Bulletin

VKML 85000 – Timing chain replacement



Opel/Vauxhall Agila, Astra, Corsa, Meriva, Tigra
1.0, 1.2, 1.4 petrol engines



OE/SKF Camshaft pulleys design change



OE Nb: 66 06 022 / 66 06 027 / 93191271 / 93191276

VKML 85000



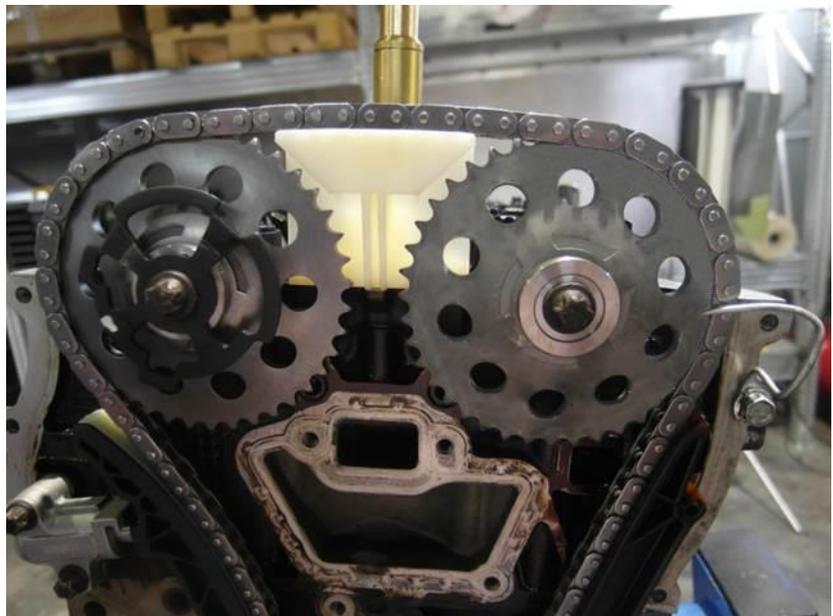
SKF Timing chain kit content

GM made some design changes on the two camshaft pulleys fitted on the above applications. The first mounting includes sintered pulleys with integrated spacers, while the second mounting includes pressed pulleys without washers. GM now only offers the latest design.

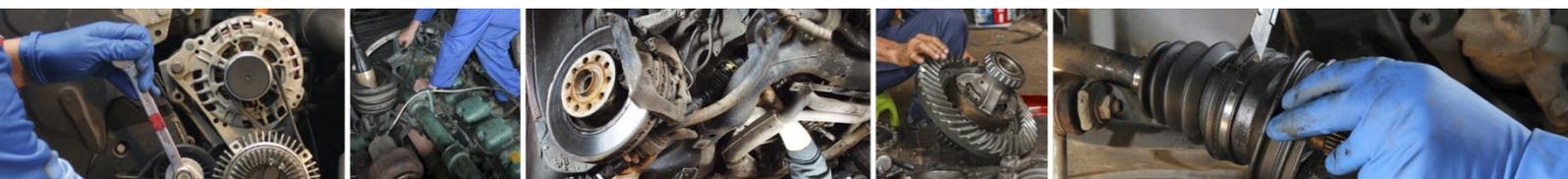
In compliance with GM design evolution, SKF now offers the two separated washers covering both fittings.



First mounting
up to engine number 19DN0327



Second mounting
from engine number 19DN0328

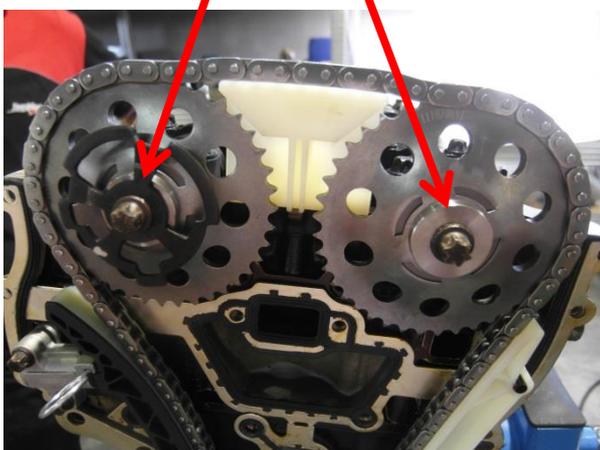


Advices for Timing chain replacement – VKML 85000



Washers fitment

The flat surface of the washers must be located on the bolt head side to avoid the trigger plate damage.



Note! Sintered and pressed steel gears **MUST NOT** be mixed.



Left camshaft pulley tightening

- Must be tightened with the blocking tool in order not to change the trigger plate and sensor positions.
- Arrow located on the target must be aligned with the tool.

| Component | Tightening torque |
|-------------------|-------------------|
| Camshaft pulleys | 50 Nm + 60° |
| Crankshaft pinion | 150 Nm + 45 |
| Chain guide | 8 Nm |

[Click here to watch SKF Timing chain videos](#)

Flash QR code

