VKM 16040 - VKMA 06040

Technical Bulletin - May 2009

FORD, VOLVO

Tensioner design evolution

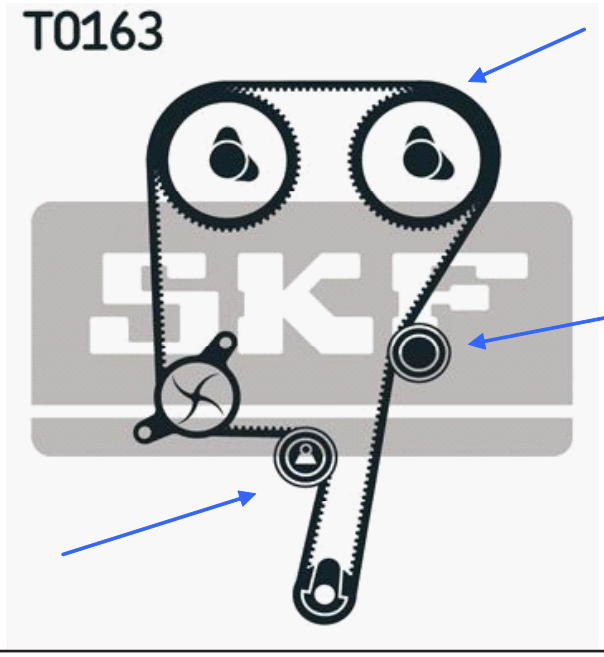
In accordance with the OE design evolutions, SKF only propose the latest tensioner evolution - VKM 16040. The previous version (without pin) can be replaced by this part without any modification to the timing system or any other components.

CAR MAKER	MODEL	ENGINE	OE NUMBER	KIT
FORD	FOCUS II, MONDEO IV, S-MAX	2.5 T	1371715 1388493 6M5G 6K254 AA 6C9N 6K254 BA 1372015	VKM 16040 VKM 16040 VKM 16040 VKM 16040 VKMA 06040
VOLVO	C30, C70, S40 II, S60, S80, V50, V70 II, V70 III, XC 70, XC 90	2.0 T, 2.3 T, 2.4, 2.4 T, 2.5 T	30637955 30677832 31251254 1372015 30731727	VKM 16040 VKM 16040 VKMA 06040 VKMA 06040 VKMA 06040

Previous design (without pin)

Latest design (with pin)

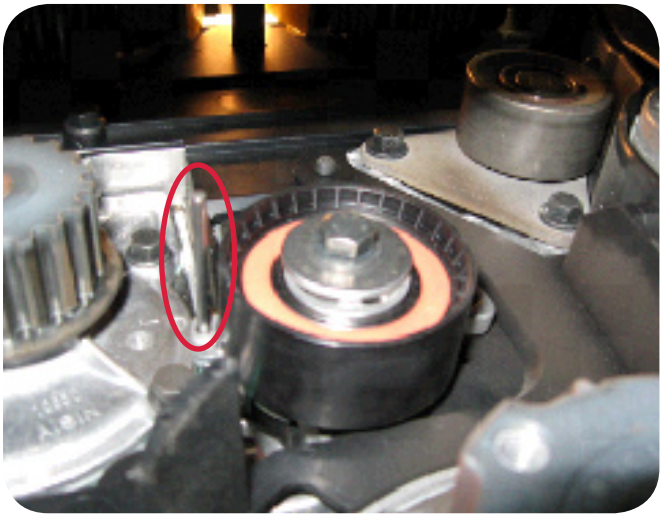
System layout



Fitting instructions

- Disconnect the battery and then raise the vehicle off the ground.
- Remove the front right hand wheel and the inner wing cover.
- Remove the auxiliary belt.
- If necessary, remove the front engine mount.
- Remove the crankshaft pulley and timing system covers.

- Set the engine to TDC by aligning the marks on the 2 camshafts and the crankshaft with the fixed indication marks on the timing cover.
- Loosen the tensioner, belt and idler.



- Install the new idler and tensioner roller.
- Fit the new timing belt onto the drive, in the following order: crankshaft pinion, idler, camshafts pulleys, water pump and tensioner roller.
- Remove the locking pin on the tensioner.
- Turn the crankshaft through two revolutions.
- Refit the ancillary components removed in reverse order to the removal procedure.

Tightening torques:

- Idler bolts: 24Nm
- Tensioner bolt: 20 Nm
- Central crankshaft bolt: 180 Nm
- Bolts (x4) for the crankshaft pulley: 25Nm + 60°