

## VKMA 01903 / VKMC 01903-1

Technical Bulletin – April 2012



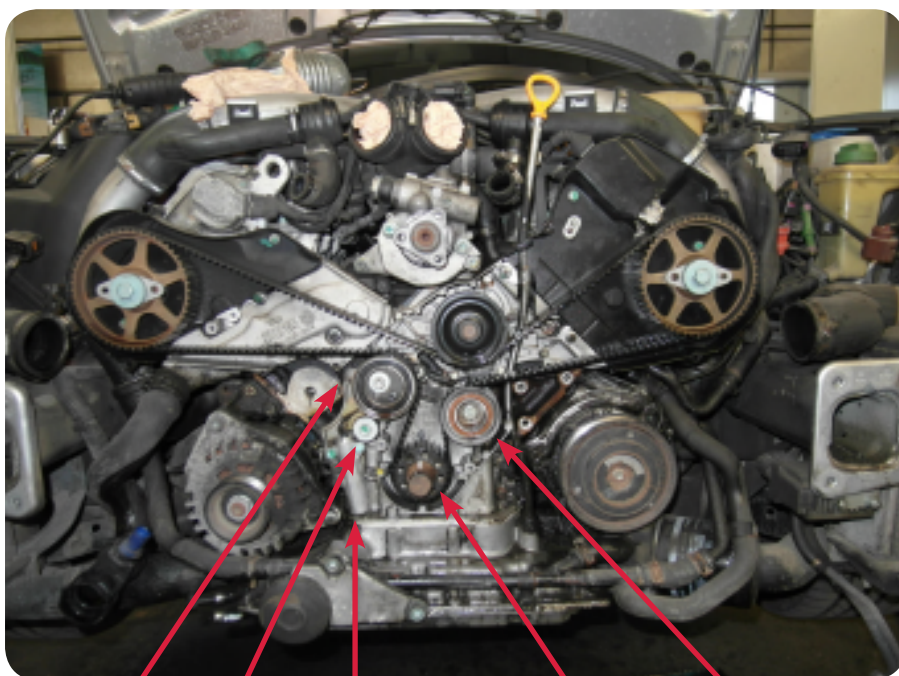
AUDI, SKODA, VW



Fitting recommendations

CAR MAKER	MAIN MODEL	ENGINE
AUDI	A4, A6, A8, Allroad	2.4, 2.7 Bi Turbo, RS4, S4, 2.8 V6
SKODA	Superb	2.8 V6
VW	Passat, Passat Variant	2.8 V6

To avoid potential failure on this engine, special tools must be used during the setup – in particular, the camshaft locking tool is essential. Specific settings must also be followed when setting up the VKM 11202 tensioner.



VKM 11202

Lever

VKM 11209

Timing belt  
TB 01203

VKM 21202





picture 1

## Fitting recommendations

- 1) Turn the VKM 11202 tensioner slowly in clockwise direction until it stops (see picture 1).
- 2) Remove the piston locator pin and allow the piston to fully extend.
- 3) Preload the tensioner to 15 Nm in an anti-clockwise direction.
- 4) Check that the piston is in the correct position - 90° angle between the piston and the lever (see picture 2).



picture 2

Component	Tightening torque
Timing idler	45 Nm (A4), 22 Nm (A8)
Timing tensioner	20 Nm
Camshaft bolts	30 Nm then 55 Nm (after tool removal)
Crankshaft pulley bolts	20 Nm
Hydraulic piston bolts	10 Nm

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