



VKM 11114-VKMA/C 01114

Technical Bulletin - January 2009



VW, SEAT

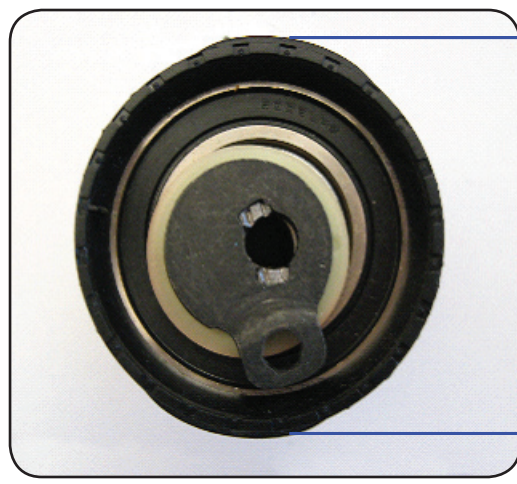


Technical information - VKM 11114 Specific design

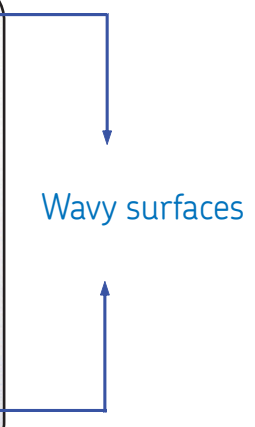


The VKM 11114 has a specific design, according to the OE one, with a wavy surface because of its particular technology. Indeed, this specific technology reduces the vibrations created by the timing belt and allows timing sound noise reduction.

CAR MAKER	MODEL	ENGINE	ENGINE CODE
VW	Polo (6N1)	1.4 16v	AFH
SEAT	Ibiza II/III (6K1)	1.0 16v/1.4 16v	AST-AVZ/AFH
SEAT	Cordoba (6K2/C2)	1.0 16v/1.4 16v	AST-AVZ/AFH



VKM 11114
Front view



VKM 11114
Profile view

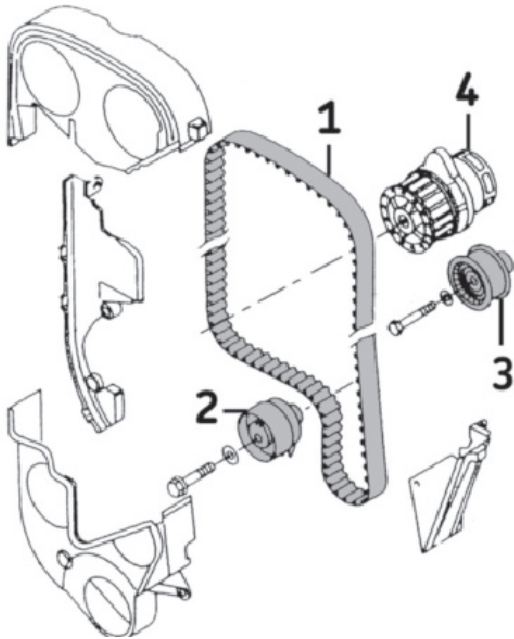
OE: 036 109 243 J



Mounting instructions: Key steps



Complete mounting instructions are available in the specific fitting instructions contained in the VKMA 01114 and VKMC 01114 kits.



- 1) Refit the new idler roller (3) and tighten it at a torque of 2 daNm.
- 2) Fit the new tension roller (2) set the slot located between the fingers.
- 3) On the centring nut, Turn the setting plate. using an Allen key it reaches the “5 o'clock” position , then tighten slightly by hand the securing screw on the tensioner roller .
- 4) Check the alignment of the marks of the camshaft sprockets and cylinder Nr°1 and refit new timing belt.
- 5) Tighten the timing belt. Turn the setting plate on the tensioner roller clockwise using an Allen wrench, while holding the fastening screw of the roller in position using a hex nut wrench.
- 6) The roller moves and pushes the belt, which is tightened. Continue turning the setting plate until the moving pointer is aligned with the notch. Then tighten the fastening screws at $1.9 \text{ daNm} \pm 0.3$.
- 7) Turn the crankshaft by two turns in the engine rotation direction up to the timing point (check cylinder Nr°1 is at TDC and check the marks).
- 8) Check the setting of the moving pointer. The index must be aligned with the notch.

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