VKM 12390 – Fitting guidelines

🚗 IVECO DAILY III ; DAILY IV ; DAILY V ; DUCATO

⚠️ Fitting guidelines to avoid (hot stop hammering) New design of tensioner
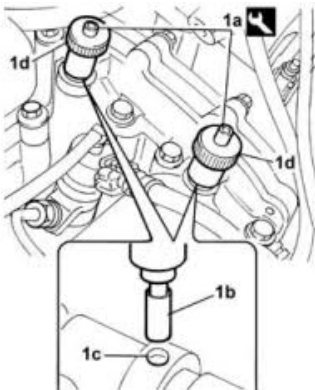
SKF kit	OE Nb
VKM 12390	#OE 5802473355 + 504183759 + 504010846

Fitting guidelines to how to set the belt tension.

This bulletin highlights the issues faced during the replacement of tensioner.
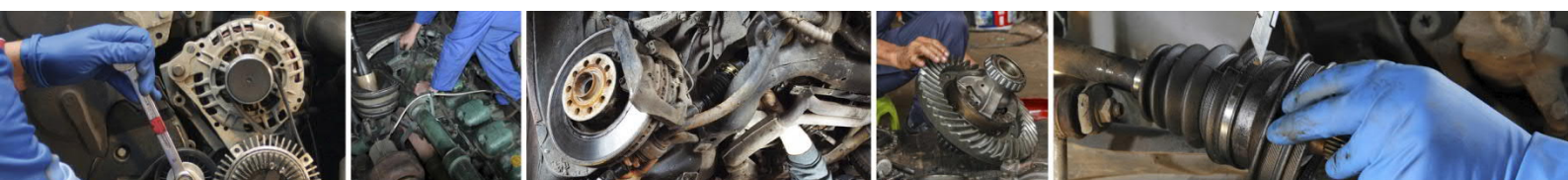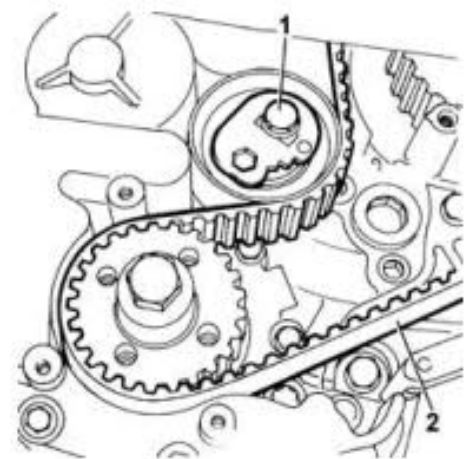
The belt tension, in the setting of this vehicle's timing system is crucial. Guessing the torque applied to the tensioners could produce a catastrophic outcome!

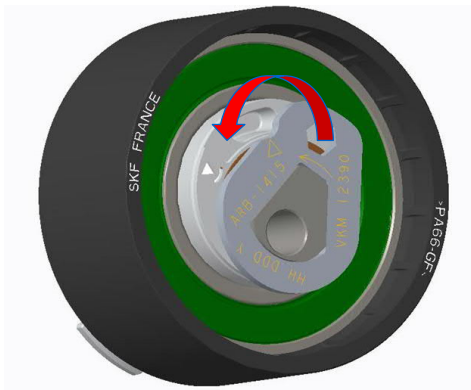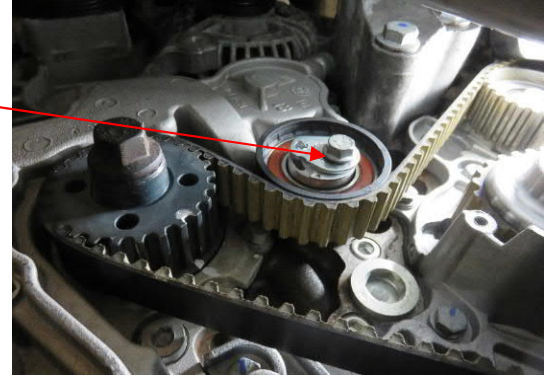## Fitting guidelines for the VKM 12390

1. Turn the camshaft in the normal direction of rotation Using the crankshaft pinion screw
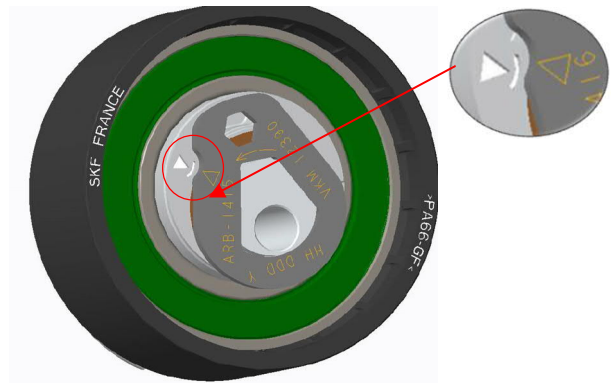
2. Fit the crankshaft setting rod

3. Slacken the roller tensioner and remove the timing belt

4. Make sure that the tensioner surface is clean before installation

5. Renew the tensioner

6. Tighten the tensioner, Bolt finger-tight

7. Fit the timing belt anti-clockwise,
   starting at the crankshaft gearwheel

8. Use a hexagonal wrench to come aligned
   the two arrows between her

Initial position (before fitting)

Setting position

9. Tighten the tensioner pulley bolt **36 Nm**

10. Rotate the cranshaft trough **eight further** revolutions in its direction of rotation

11. After turning the engine to set the belt on the pulleys the tensioner will be released again
    and set to the centre notch (end position).

12. Check that the position of the references remains unchanged, then temporarily refit the
    tools for timing the camshafts an the cranshaft for a final check

⚠ If the tools do no fit perfectly in the housings or the references on the tensioner
   have moved, carry out the bel tension adjustment procedure again.

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