

NT 06002

VKMA 06201

VKMA 06203

VKMA 06204

VKMA 06205

Citroën / Peugeot / Renault

VKMA 06201



VKMA 06203



VKMA 06204



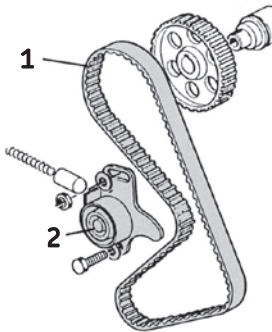
VKMA 06205



A



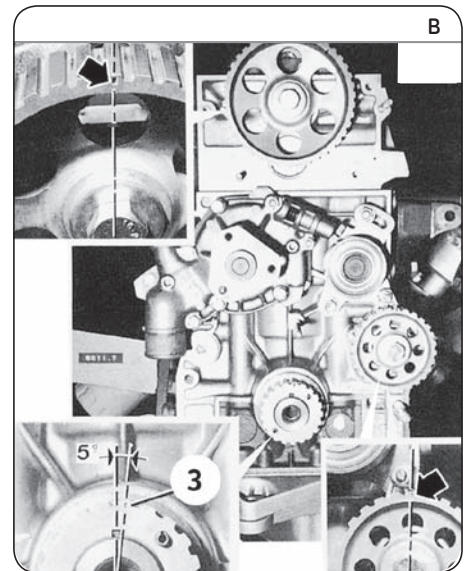
(4): TDC locating rod  $\varnothing$  8 mm.  
– Flywheel blocking tool.



#### Removal

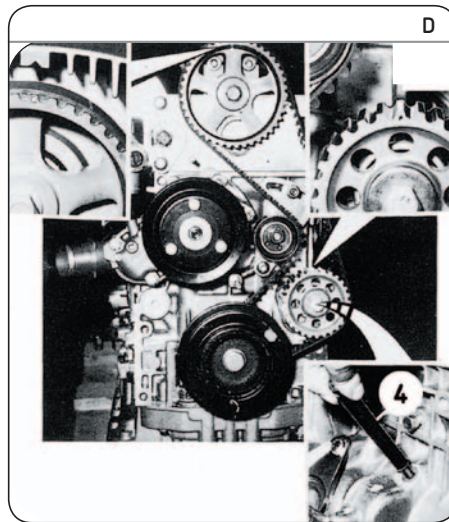
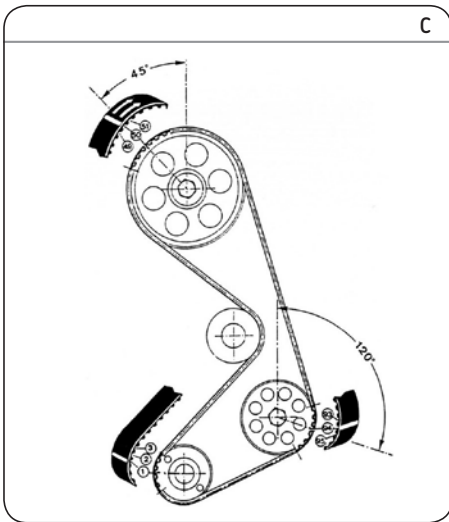
- 1) Disconnect the battery according to the vehicle manufacturing guidelines.
- 2) Prepare the vehicle for the timing replacement according to the vehicle manufacturing guidelines.
- 3) Clamp the flywheel using the blocking tool. Loosen the crankshaft pulley bolt. Withdraw the flywheel blocking tool.
- 4) Bring the timing cylinder to TDC.
  - **Citroën**: the key of the crankshaft sprocket must be at 12 o'clock (3) (Fig. B).
  - **Peugeot**: the timing mark on the crankshaft sprocket must be at 9 o'clock (Fig. C).
  - **Renault**: check TDC using locating rod (4) (Fig. D).
- 5) If necessary, make timing marks on sprockets, motor casing and timing belt.
- 6) Remove the crankshaft pulley.
- 7) Remove the belt tensioner roller (2).
- 8) Remove timing belt (1).

B



Install Confidence





### Refitting

**Caution!** Clean the bearing surfaces of the rollers.

- 9) Fit the new belt tensioner roller (2).
- 10) Align timing marks on timing cases with those on timing sprockets (Fig. B, C and D).
- 11) Transfer timing marks on old belt to new belt (1).
- 12) Fit the new timing belt (1) with the arrow(s) pointing **clockwise**.
- 13) If tensioner roller is fitted with a spring unit, tension the belt by first loosening, then retightening the bolts of the tensioner roller.
- 14) Refit the crankshaft pulley but do not tighten bolt.
- 15) Turn the engine over twice (**clockwise**), then check alignment of timing marks. If necessary, correct belt position.
- 16) Check the tension of the belt (1). Deflection should be 5.5-7 mm. If necessary, adjust belt tension.
- 17) Clamp the flywheel using the blocking tool. Tighten the crankshaft pulley bolt to the prescribed torque. Withdraw the blocking tool.
- 18) Refit the timing cover. Where applicable, refit radiator and refill cooling circuit.
- 19) Refit alternator and water pump belts.
- 20) Run the engine for 10-15 minutes, then recheck belt tension. If the deflection is incorrect, re-tension belt.
  - Renault 18-21-25-Espace: double check that the timing marks on the timing cover are aligned with those on the sprockets.
- 25) Refit the removed elements in reverse order to removal.

**Notice:** Always follow the vehicle manufacturer instructions when working on the engine. The SKF KITS are designed for the automotive repair professional and must be fitted using tooling used by these professionals. These instructions are to be used as a guideline only. This document is the exclusive property of SKF. Any representation, partial or full reproduction, is forbidden without prior written consent from SKF.

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