

Instatt connuence



ution! Clean the bearing surfaces of the rollers Refit the new idler roller (3). Tighten the fastening bolt (18) to 25 Nm (Fig. A Refit the new tensioner roller (2) Turn the adjustment dial (8) with an Allen key to the "10 ion (9) (Fig. E). Tighten slightly its t (17) (Fig. A). fastening e timing tools (4) and (6) are Check that domectly installed (Fig. B and Fig. D). **10)** Loosen, bu do not remove, the fastening bolt (**10**) of the amshaft sprocket (**11**) using the mshaft sprocket (**11**) using the tool (12) (F. F). Separate the camshaft sprocket from the hub and check it turns freely around its shaft without rocking.

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Turn the camshaft sprocket (11) in order to 11) insert the pin (13) (Fig

12) Fit the new timing (1)move the pin ( 3) (Fig. G) and ret

9)

5 11

the camshaft spi fastening bolt (1 (11) to a torque **0 Nm** using the to (Fig. F).

Tighten the timi (1): turn th the tensioner roller (2 Allen wrench, while ho h an fastening bolt (17) in position with a hex nut wrench. Continue turning the dial until the notch (14) is in line with the hole (15) (Fig. H). Tighten the tensioner roller fastening bolt (17) to 36 Nm. 15) Remove the timing tools (4) and (6) (Fig. B and Fig. D).

Turn the crankshaft clockwise 8 turns to the 16) timing position: Insert and tighten the TDC tool (4), then turn the engine slowly and smoothly until the crankshaft bears against the tool (Fig. B).

17) Hold the tensioner roller (2) in position with an Allen wrench while slightly loosening the tensioner roller fastening bolt (17). Next, turn the dial (8) to align the notch (16) with the hole (15) (Fig. I).

roller fastening bolt (17) 18) 36 Nm while at the same time holding the adjusting dial in position with an Allen key. 19) Remove the TDC tool (4) (Fig. B). 20) Turn the crankshaft clockwise through ing tools (4) and (6) can rotations until

be inserted (Fig. d Fig. D). Check that th g tools (4) and (6) (Fig. B

inserted. If this is not the 11 case, loosen the tensioner roller fastening bolt (17), then remove the new timing belt and restart the tension adjustment operation from step 9).

11 Check the tensioner roller setting: the notch 21) (16) in the dial (8) must be aligned with the - hole (15) (Fig. I.) 10

when

Note: The timing belt tension is prop the notch (16) is aligned with the ho of t tensioner roller (Fig. G).

22) If the marks are not aligned, lo tensioner roller fastening bolt the dial (8) with an Allen key to the "10

position (9) (Fig. E). Restart the tension operation from step 14). 23) Remove the timing tools (4) and (6) (Fig. B and Fig. D).

24) Refit the elements removed in reverse order to

- removal. 25) Fill the cooling circuit with the permanent fluid recommended.
- 26) Check the circuit's leak-tightness when the engine reaches its running temperature and secure the level of coolant when the engine is at ambient temperature (20 °C).

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