



Telephone:
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PVM Nr.:

Installation

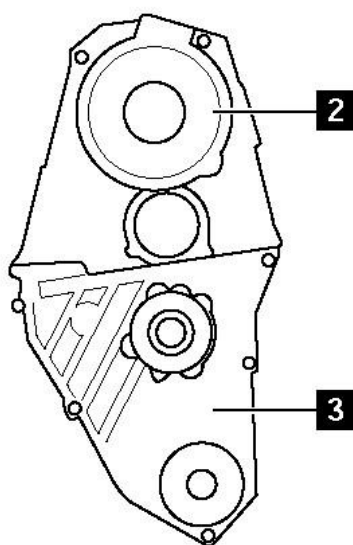
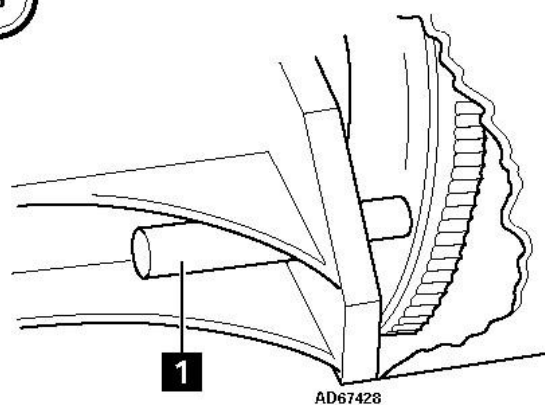
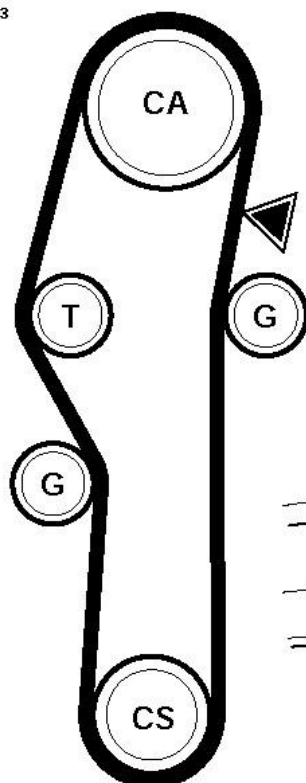
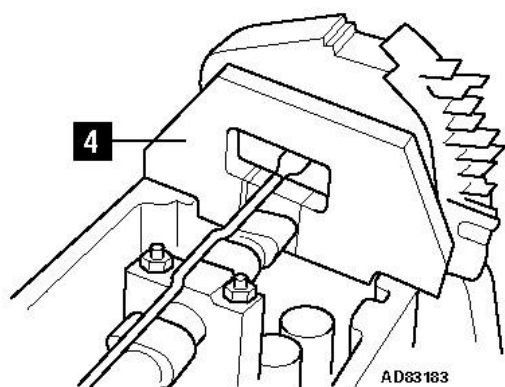
Installation

NOTE: DO NOT refit used belt.

1. Ensure flywheel timing pin located correctly [1] . Tool No.11.2.300.
2. Ensure setting tool located correctly on camshaft [4] . Tool No.11.3.190.
3. Ensure camshaft sprocket can just be turned by hand and turn clockwise against stop.
4. Fit timing belt in anti-clockwise direction, starting at crankshaft sprocket. Ensure belt is taut between sprockets on non-tensioned side.
5. Attach tension gauge to belt at . Zero tension gauge.
6. Turn tensioner pulley anti-clockwise until tension gauge indicates 45 units.
7. Tighten tensioner bolt. Tightening torque: 22 Nm.
8. Tighten camshaft sprocket bolt. Tightening torque: 63 Nm.
9. Remove:
 - Tension gauge.
 - Camshaft setting tool.
 - Flywheel timing pin.
10. Turn crankshaft two turns clockwise.
11. Install:
 - Flywheel timing pin [1] .
 - Camshaft setting tool [4] .
12. Attach tension gauge to belt at .
13. Check cylinder head temperature above coolant outlet. Use temperature sensor No.11.5.060.
14. Slacken camshaft sprocket bolt.
15. Slacken tensioner bolt. Turn tensioner pulley anti-clockwise until tension gauge indicates 45 units.
16. Turn tensioner pulley slowly clockwise until tension gauge indicates belt tension as follows:

Cylinder head temperature	Tension
20°C	32 units
25°C	33 units
30°C	34 units
35°C	35 units
40°C	36 units
45°C	38 units
50°C	39 units

17. Tighten tensioner bolt to 22 Nm.
18. Tighten camshaft sprocket bolt to 63 Nm.
19. Install components in reverse order of removal.
20. Fit crankshaft pulley. Ensure dowel pin located correctly. Tighten bolts to 23 Nm.
21. Refill cooling system.



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