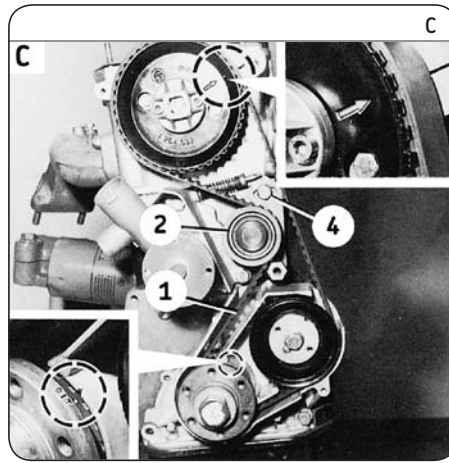
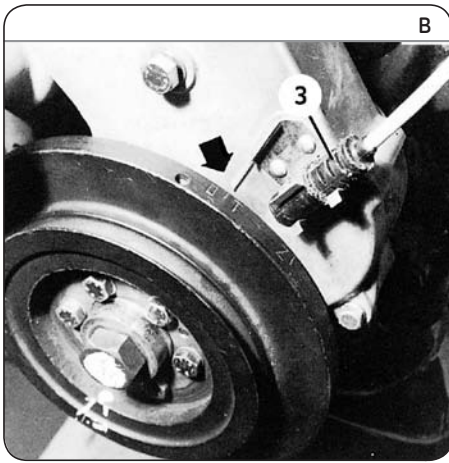


Removal

- 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 flywheel and remove crankshaft pulley.
- 4) Remove TDC sensor (3) (**Fig. B**).
- 5) Remove lower timing cover.
- 6) Bring engine to timing position (cylinder N° 1 at TDC) and check timing as follows: align timing mark on crankshaft sprocket with that on crank case, align timing mark on camshaft sprocket with that on cylinder head (**Fig. C**). Also check distributor timing.
- 7) Loosen tensioning pulley pivot bolt (4) and lower bolt securing tensioning pulley (2) (**Fig. C**).
- 8) Move tensioning pulley to retracted position, then tighten tensioning pulley pivot bolt (4).
- 9) Remove timing belt (1).
- 10) Remove tensioning pulley (2)

Install Confidence



Refitting

Caution! First clean the bearing surfaces of the rollers.

- 11) Fit new tensioning pulley (2) in retracted position.
- 12) Fit new timing belt (1). Run belt first around crankshaft pulley, then auxiliary pulley, camshaft sprocket and tensioning pulley.
- 13) Loosen tensioning pulley pivot bolt (4). Timing belt is automatically tensioned.
- 14) To fully tension belt, turn camshaft sprocket so that engine is rotated anticlockwise through one or two full turns.
- 15) Tighten tensioning pulley pivot bolt and lower bolt securing tensioning pulley (2) to **23 Nm**.
- 16) Turn crankshaft clockwise through **2 turns** then check alignment of all timing marks (Fig. C). Also check distributor timing.
- 17) Check the tension of the belt (1).
- 18) Refit lower timing cover and TDC sensor.
- 19) Refit upper timing cover and lifting lug.
- 20) Clamp flywheel and refit crankshaft pulley, paying attention to align pulley timing mark with that on lower timing cover (Fig. B). Tighten all bolts.
- 21) Fit and tension alternator belt.
- 22) Refit the remainder of the removed elements in the reverse order to removal.

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PUB 80/11 15068 EN · November 2014

