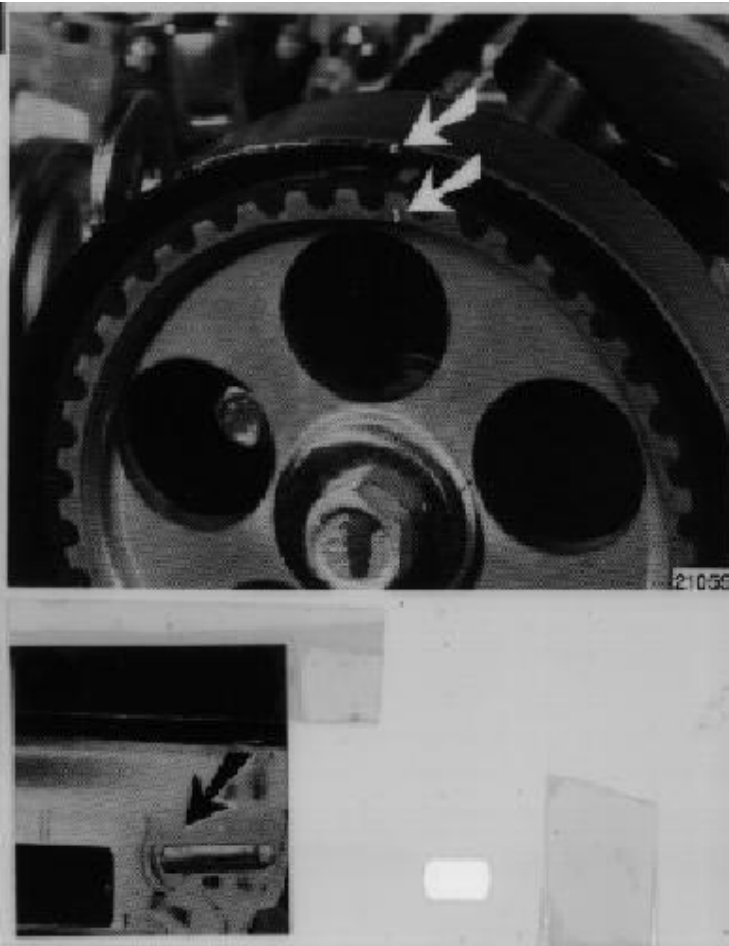


VOLVO 480

TIMING BELT REPLACEMENT



Remove:

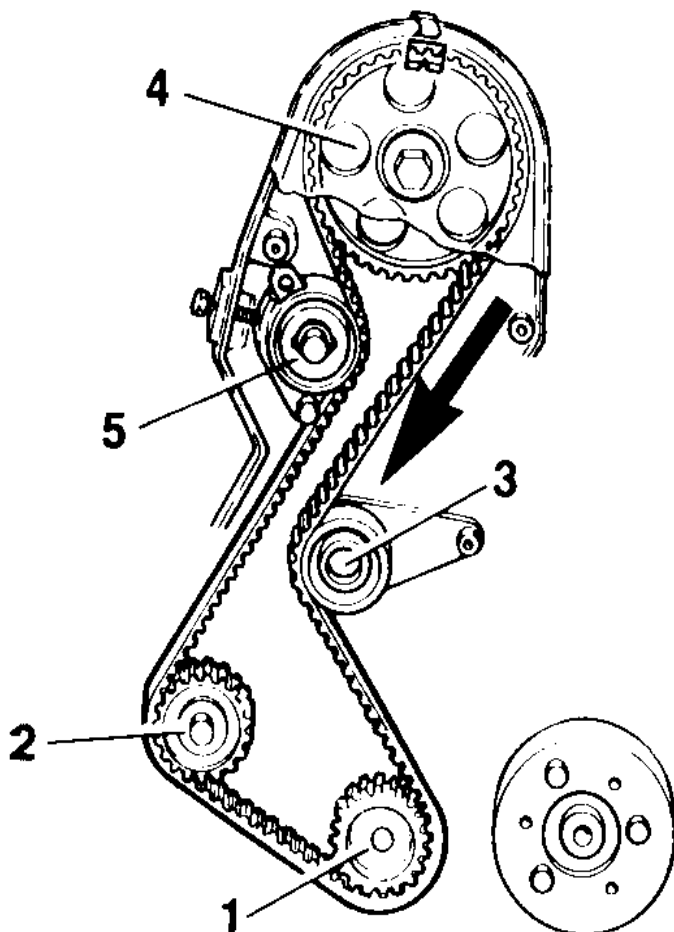
- right side protecting plate
- power steering pump cover
- auxiliary unit drive belts after the power steering and/or alternator has/have been loosened.
- Remove the camshaft belt cover.

Remove the camshaft belt

Rotate the crankshaft so that cylinder no. 1 is at TDC and the markings on the flywheel/bell housing and camshaft belt cover/cam gear are opposite each other. Remove the plug at the bottom right beside the oil dipstick and insert an 8 mm lock pin in the hole in the crankcase. Check that the crankshaft cannot be rotated.

Remove the crankshaft pulley and vibration damper.

Remove the belt cover and make a mark on the edge opposite the mark on the camshaft gear. Undo the belt tensioner. Remove the belt. Begin at the tensioner.

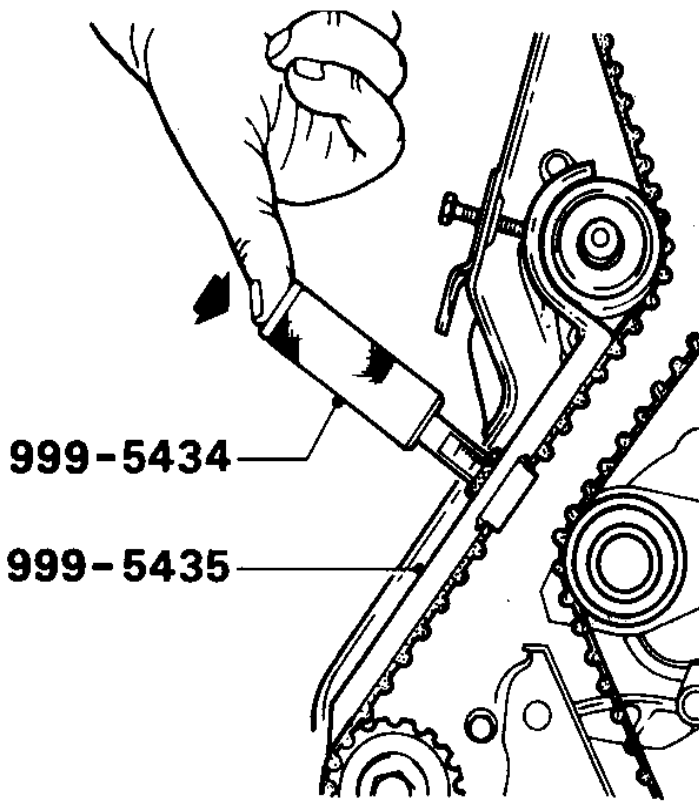


Fit the camshaft belt

Check that the lock pin is in place. Place the belt so that the mark is opposite the marks on the crankshaft and camshaft gear.

Observe the following when fitting:

- the belt's direction of movement (see the arrow);
- the sequence in which the belt is to be fitted to the gears (see fig.)



Adjust the camshaft belt

Tension the belt with the help of an M6 screw.

Use special tools 999 5434 and 999 5435

Correct tension: 7.5 mm (cold belt).

Tighten the tensioner's lock nut.

Tightening torque: 50 Nm.

Check that the belt is fitted correctly

Remove the special tool.

Remove the lock pin.

Turn the crankshaft two full revolutions in the correct direction of rotation.

Rotate the crankshaft to the TDC position

(insert the lock pin) and check that the mark on the camshaft gear is opposite the mark on the edge of the belt cover.

Remove the lock pin and refit the plug.

Check camshaft belt tension

Use special tools 999 5434 and 7,5 mm.

Remove the tensioner screw.

Fit:

- camshaft belt cover
- crankshaft pulley
- auxiliary unit drive belt
- drive belt for power steering and air conditioning (where fitted).

Check/adjust the auxiliary unit belts