

## Auxiliaries belt / belt tensioner, replacing

Special tools: [999 7109](#) , [999 7103](#) , [999 5185](#)

**Note!** The illustrations in this service information are used for different model years and/or models. Some variation may occur. However, the essential information in the illustrations is always correct.

### Preparatory work

#### Removing components

Raise the vehicle.

Remove:

- the right front wheel
- the right-hand fender liner. Slacken off the screws at the front edge and fold back the fender liner.

### Removal

#### Removing the auxiliaries belts

##### Outer belt

Relieve the load from the belt tensioner. Use: [999 7109](#) . Turn the belt tensioner **clockwise** as far as it will go. Remove the belt.

##### Inner belt

Relieve the load from the belt tensioner using a Torx-wrench. Turn the belt tensioner counter clockwise as far as it will go. Remove the belt.

Lower the vehicle.

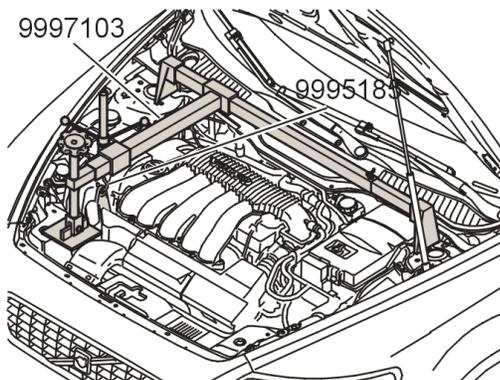
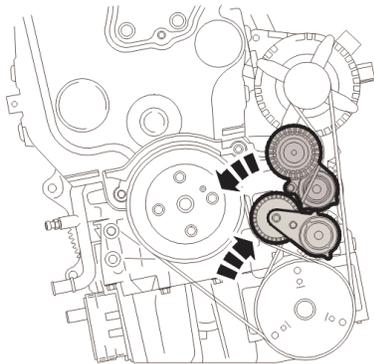
#### Removing the belt tensioner

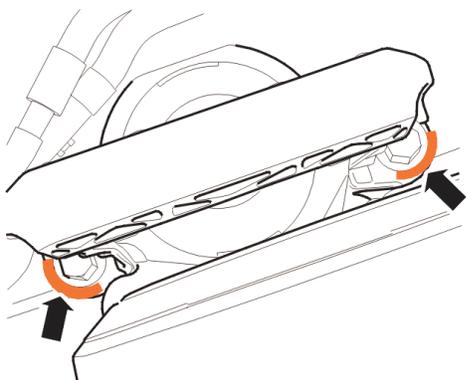
Install lifting beam: [999 7103](#) together with hook: [999 5185](#) . Tension the tool. Lift the expansion tank and place on the engine.

**Note!** Ensure that no coolant escapes.

#### Marking the position of the engine pad

Mark the position of the engine pad on the





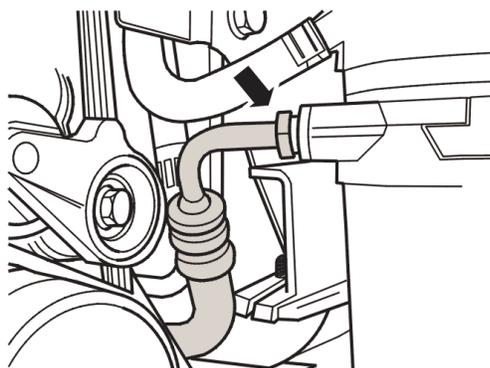
frame member. Use a marker pen.

### Removing the power steering pump pressure line

**Caution!** Seal the openings.

**Note!** Clear up any oil spillage under the delivery line.

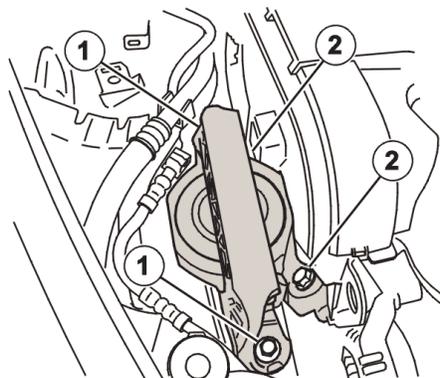
Disconnect the delivery line from the power steering pump.



### Removing components

Remove:

- the screws (1) for the limiter for the engine pad in the right-hand frame member
- the limiter
- the screws (2) for the engine mounting in the cylinder head
- the engine mounting. Lower the engine approximately **60 mm**.



### Removing the belt tensioner

Remove:

- the screw for the belt tensioner
- the belt tensioner.

### Installation

**Note!** For tightening torques, see: [Tightening torque](#) .

### Installing the belt tensioner

**Note!** Ensure that the guide on the belt tensioner is correctly positioned.

**Install:**

- the belt tensioner
- the screws for the belt tensioner. Tighten.

**Installing the auxiliaries belt**

**Caution! Ensure that the belts are correctly positioned in all the grooves.**

**Inner belt**

Relieve the load from the belt tensioner. Turn the belt tensioner **clockwise** as far as it will go. Use a Torx-wrench. Install the belt.

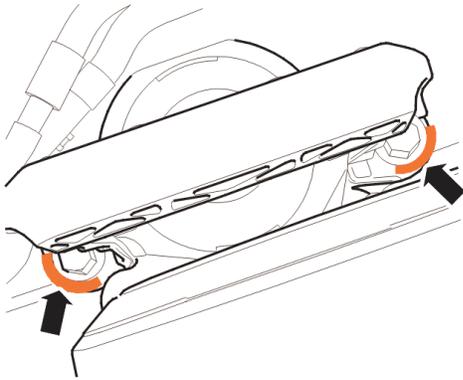
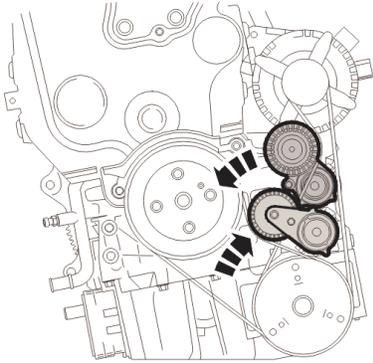
**Outer belt**

Slacken off the tensioner Use: [999 7109](#) . Turn the belt tensioner **clockwise** as far as it will go. Install the belt.

Lower the vehicle.

**Installing the engine pad**

Install the engine pad according to the markings.



**Installing the front engine mounting**

Raise the engine. Use lifting beam: [999 7103](#) together with hook: [999 5185](#) . Raise the engine to its original position.

**Install:**

- the engine mounting on the cylinder head. Tighten. See: [Tightening torque](#)
- the limiter over the engine pad on the right-hand side. Tighten. See: [Tightening torque](#) .

**Remove:**

- lifting beam: [999 7103](#) and hook: [999 5185](#)
- the expansion tank. Secure the hoses.

**Finishing**

**Installing components**

**Install:**

- the pressure hose for the power steering pump. Remove the seals
- the fender liner
- the front wheel. See: [Wheels, installing](#) .