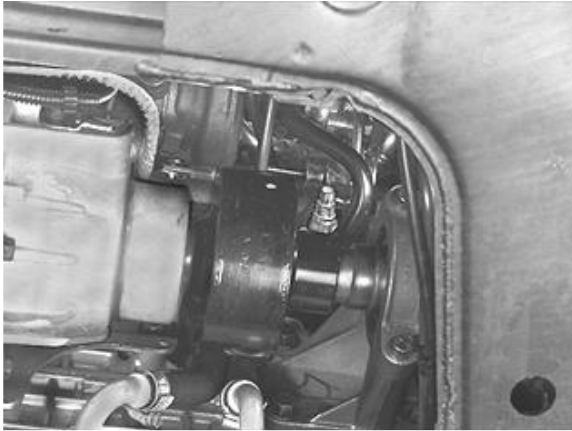


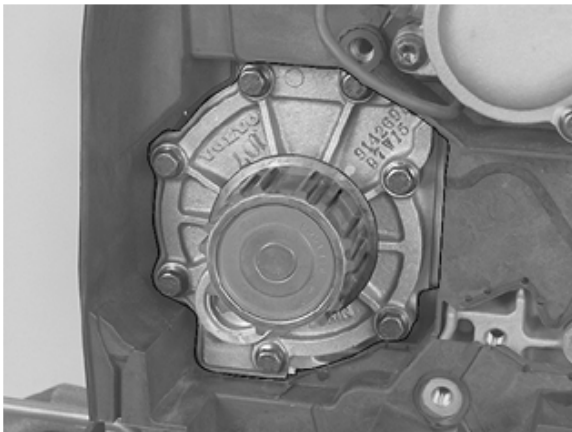
Replacing the coolant pump

Preparation



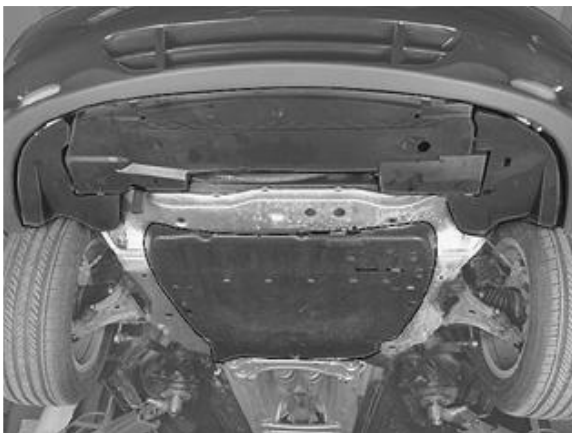
Install lock grip pliers on the upper radiator hose.
 Raise the car.
 Remove the lower engine splash guard.
 Install lock grip pliers on the lower radiator hose.
 Open the engine nipple. Drain coolant into a container.
 Close the nipple.
 Remove timing belt according to [Replacing the timing belt](#).

Replacing the coolant pump



Remove screws holding pump at cylinder block.
 Tap the pump wheel with the shaft of a hammer and remove pump.
 Carefully clean gasket face.
 Install a **new gasket** and the coolant pump. Tighten crosswise to **17 Nm**.

Finishing



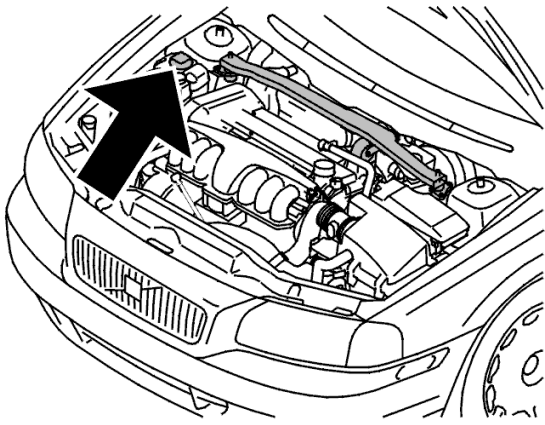
Install timing belt according to [Replacing the timing belt](#).
 Remove the lock grip pliers from the lower coolant hose.
 Install the lower engine splash guard.
 Remove the lock grip pliers from the upper coolant hose.
 Fill coolant and check level.
 Check servo fluid level.
 Test drive the engine.

Replacing the thermostat

Removing the thermostat

Remove

- the clamp holding the return hose for the power steering
- the screw holding the engine stabiliser brace to the bracket on the engine
- the screws holding the engine stabiliser brace to the



suspension turrets

- the engine stabiliser brace
- the expansion tank cap.

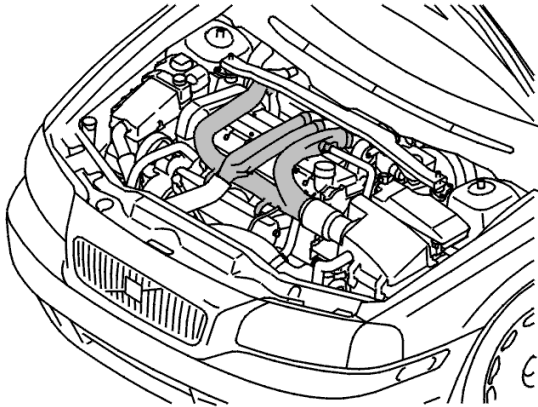
Raise the car. Remove the lower splashguard.

Position a container under the engine drain cock. Drain the coolant.

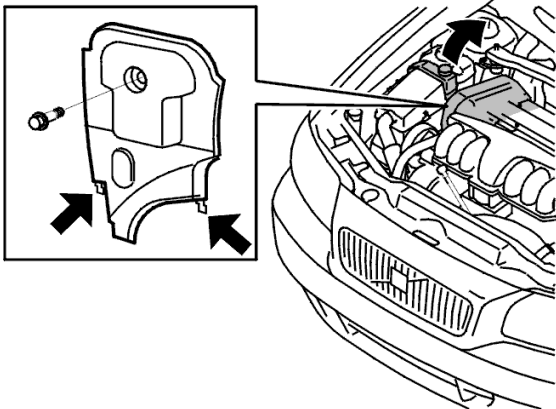
Close the cock.

Install the lower splash guard.

Lower the car.



- the plastic hoses between the turbocharger (TC) / charge air cooler and the air cleaner (ACL) / turbocharger (TC). **Applies only to B6xx4T engines.**

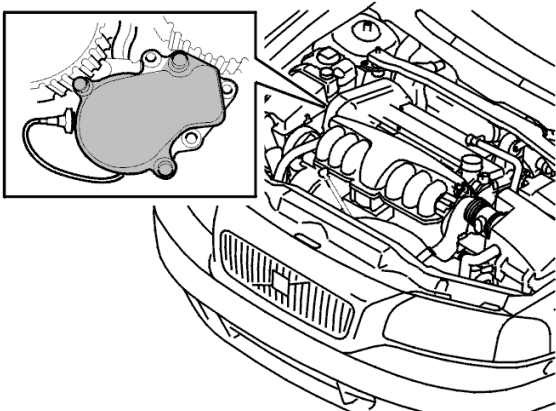


Lift up the servo reservoir and place it on top of the engine.

Warning! Seal the cover for the servo reservoir. Check that no oil leaks out.

Servo oil is highly inflammable.

- the screw for the front timing belt cover. **Applies only to B6xx4T** Cars with chassis number **203779-** see **Timing cover front, replacing**
- the timing belt cover. Use a weatherstrip tool.

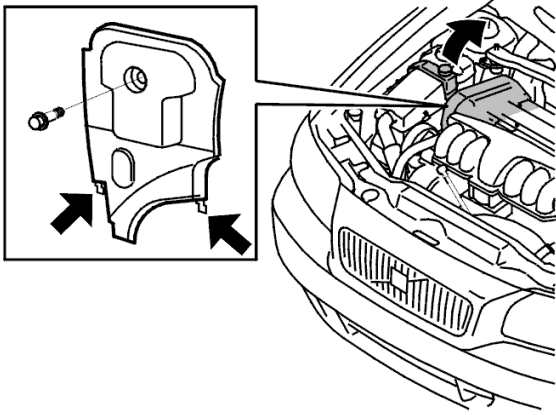


- the thermostat housing cover
- the thermostat.

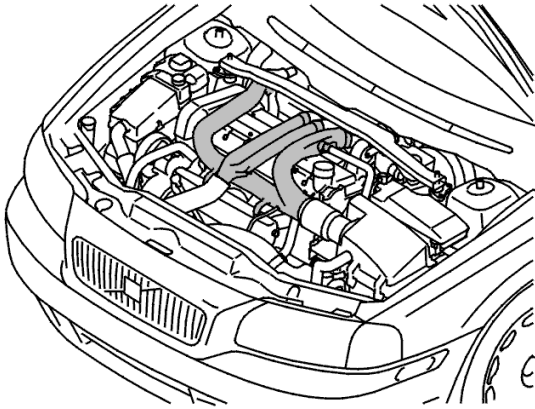
Installing the thermostat

Note! Clean all mating surfaces. Ensure that no dirt enters the fluid ducts.

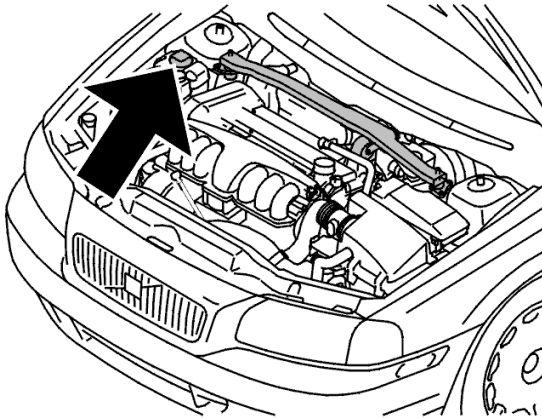
Install



- the new thermostat
- the cover of the thermostat housing with a **new gasket**. Tighten to **17 Nm**
- the front timing belt cover. The mudguard over the right drive shaft boot may come loose. If this happens, secure it from underneath
- the screw for the front timing belt cover. Tighten to **12 Nm**. **Applies only to B6xx4T** Cars with chassis number **203779**- see [Timing cover front, replacing](#) .



- the plastic hoses between the turbocharger (TC) / charge air cooler and the air cleaner (ACL) / turbocharger (TC). **Applies only to B6xx4T engines**.



- the servo reservoir. Check that the hoses are correctly positioned
- the engine stabiliser brace
- the screws holding the engine stabiliser brace to the suspension turrets. Tighten to **50 Nm**
- the screw holding the engine stabiliser brace to the bracket on the engine. Tighten to **80 Nm**
- the clamp holding the return hose for the power steering.

Carry out a function test

Fill with coolant.

Install the cap on the expansion tank.

Test drive the engine until the thermostat has opened.

Top up the coolant if necessary.