

26: Coolant pump and thermostat

XC90, 2005, B8444S, TF-80SC AWD, L.H.D

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26: Coolant pump and thermostat**Coolant pump, replacing****Special tools:**

951 2957

951 2953

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.

Note! Raise the vehicle as described in Jacking points, body .

Removal**Preparatory work**

Remove the expansion tank cap.

Raise the vehicle.

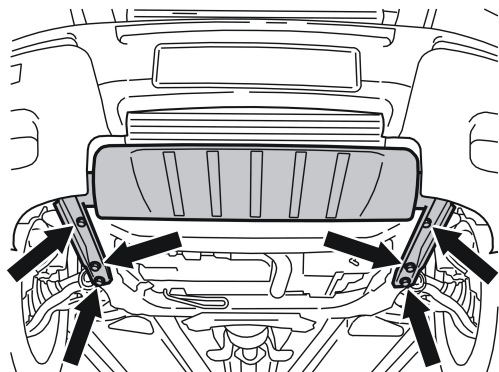
Removing protective plate

Note! There is a guide sleeve on the upper mounting for the plate. This must be lifted slightly so that the panel can be slid forward.

Remove the 6 screws.

Lift and slide the protective plate forward.

Remove the protective plate.

**Draining coolant**

Open the cock on the lower left edge of the radiator.

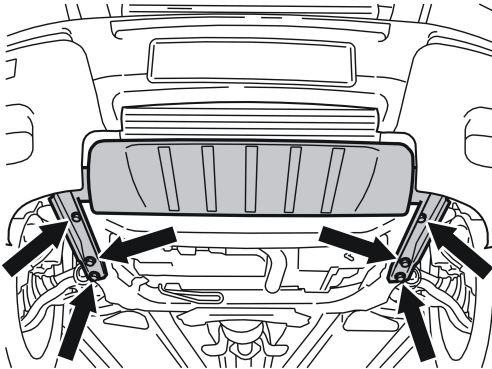
Drain the **coolant** into a clean receptacle.
Close the cock.

Installing the protective plate

Install:

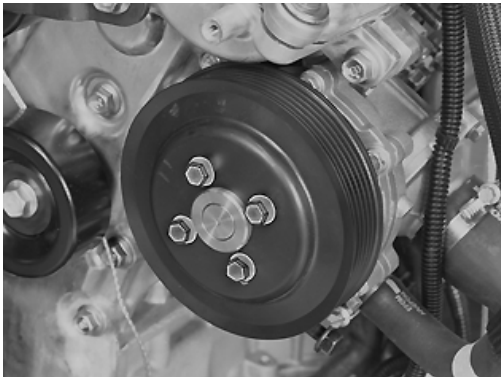
- the protective plate
- the 6 screws; tighten.

Lower the vehicle.



Removing the **coolant pump** belt pulley

Undo the 4 screws of the **coolant pump** belt pulley.
Loosen the screws a few turns.

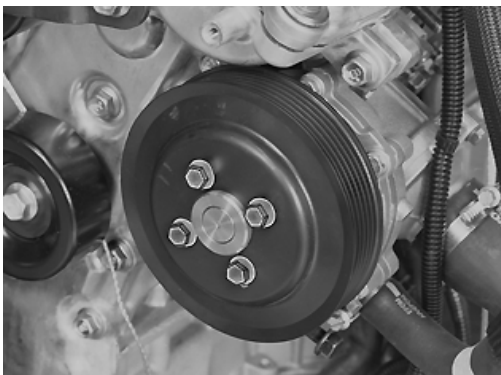


Removing the auxiliaries belt

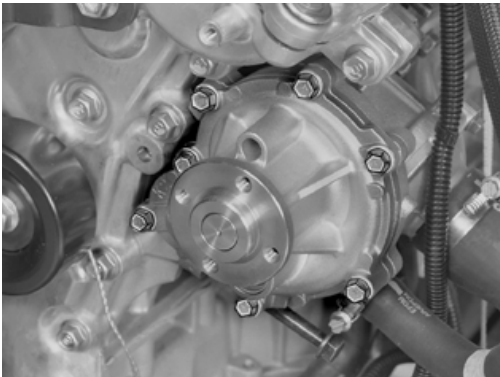
Remove the auxiliaries belt. See Auxiliaries belt/belt tensioner, replacement .

Removing the **coolant pump** belt pulley, continued

Remove the 4 screws of the belt pulley.



Removing the **coolant pump**



Remove:

- the 7 screws of the **coolant pump**
- the **coolant pump**; scrap the gasket.

Installation

Note! For tightening torques, see: Tightening torque .

Installing the **coolant pump**

Clean the gasket surface for the **coolant pump**.

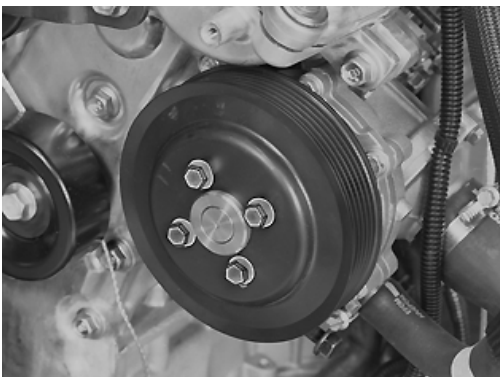


Install:

- a new gasket
- the **coolant pump**
- the 7 M6 screws. Tighten.

Installing the **coolant pump belt pulley**

Position the belt pulley but do not tighten the screws.



Installing the auxiliaries belt

Install the auxiliaries belt. See Auxiliaries belt/belt tensioner, replacement .

Installing the coolant pump belt pulley, continued

Tighten the 4 M6 screws of the belt pulley.

Check

Caution! Make sure the outlet hose of filling equipment is not blocked as this could damage the cooling system.

Fill with **coolant** using filling equipment 951 2957 and cover 951 2953 .

Start the engine and allow it to warm to normal operating temperature. Check for leaks and proper function. Fill up fluid as necessary.

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