



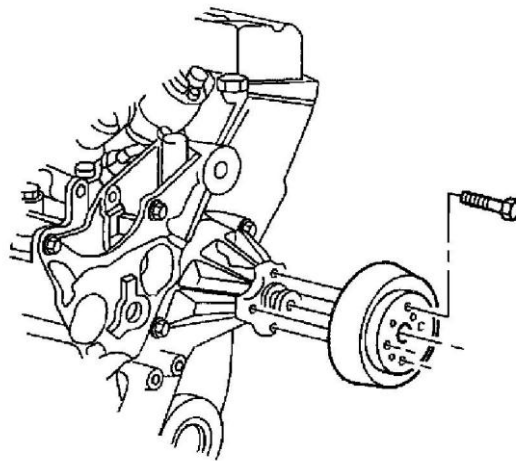
GMC Safari V6 4.3 Litros

Water Pump: Service and Repair

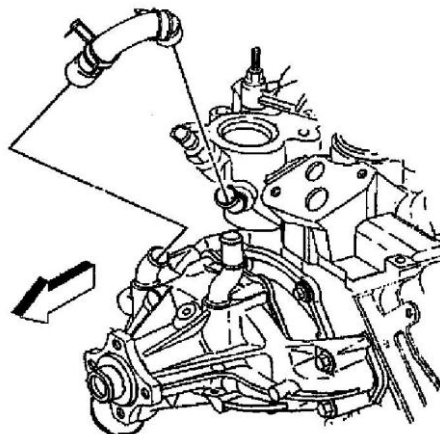
Water Pump Replacement Removal

Procedure

Caution: In order to avoid being burned, do not service the engine while it is still hot. Service the engine when it is cool.

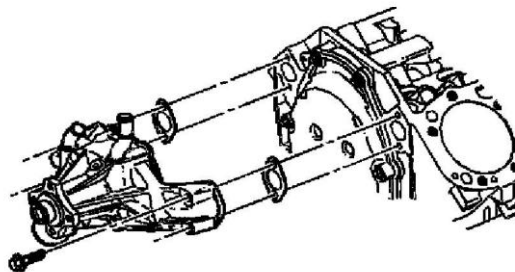


1. Drain the coolant from the radiator.
2. Remove the air cleaner assembly.
3. Remove the Mass Air Flow (MAF) sensor.
4. Remove the upper fan shroud.
5. Remove the drive belt.
6. Remove the fan and fan blade clutch assembly.
7. Remove the coolant pump pulley bolts and the pulley.



8. Disconnect the coolant bypass hose and clamps.

9. Disconnect the radiator hoses from the coolant pump.

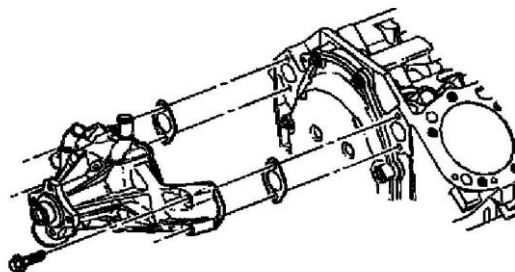


10. Remove the four coolant pump bolts.
11. Remove the coolant pump.
12. Remove the gaskets.

Important: Make sure all of the gasket mating surfaces are free of burrs or other imperfections.

13. Inspect all of the parts. Replace the parts as necessary.

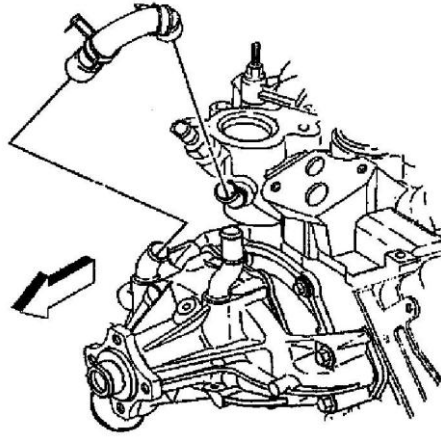
Installation Procedure



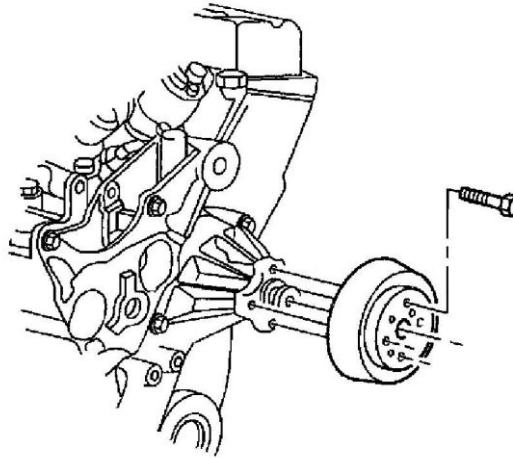
1. Install the coolant pump gaskets.
2. Install the coolant pump.

Notice: Refer to Fastener Notice in Service Precautions.

3. Install the four bolts retaining the coolant pump. Tighten the bolts to 45 Nm (33 ft. lbs.).



4. Connect the coolant bypass hose and clamps.
5. Connect the radiator hose to the coolant pump.



6. Install the coolant pump pulley and the bolts.
Tighten the coolant pump pulley bolts to 25 Nm (18 ft. lbs.).
7. Install the fan and fan blade clutch assembly.
8. Install the drive belt.
9. Install the upper fan shroud and the bolts.
10. Install the Mass Air Flow (MAF) sensor.
11. Install the air cleaner assembly.
12. Refill the radiator with coolant.
13. Start engine. After engine reaches normal operating temperature, check for coolant leaks.