

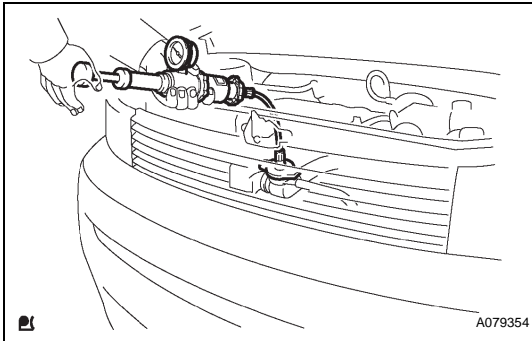
COOLING SYSTEM

ON-VEHICLE INSPECTION

1. CHECK COOLING SYSTEM FOR LEAKS

CAUTION:

Do not remove the radiator cap while the engine and radiator are still hot. Pressurized, hot engine coolant and steam may be released and cause serious burns.



- (a) Fill the radiator with coolant and attach a radiator cap tester.
- (b) Warm up the engine.
- (c) Using a radiator cap tester, increase the pressure inside the radiator to 137 kPa (1.4 kgf/cm², 19.9 psi), and check that the pressure does not drop. If the pressure drops, check the hoses, radiator and water pump for leaks. If no external leaks are found, check the cylinder block and head.

2. CHECK ENGINE COOLANT LEVEL IN RESERVOIR

- (a) The engine coolant should be between the low and full lines when the engine is cold. If low, check for leaks and add TOYOTA Super Long Life Coolant (SLLC) or similar high quality ethylene glycol based non-silicate, non-amine, non-nitrite, non-borate coolant with long-life hybrid organic acid technology up to the full line.

NOTICE:

Never use water as a substitute for engine coolant.

3. CHECK ENGINE COOLANT QUALITY

- (a) Remove the radiator cap.

CAUTION:

Do not remove the radiator cap while the engine and radiator are still hot. Pressurized, hot engine coolant and steam may be released and cause serious burns.

- (b) Check if there are excessive deposits of rust or scale around the radiator cap and radiator filler hole. Also, the coolant should be free of oil. If excessively dirty, replace the coolant.
- (c) Install the radiator cap.