RADIATOR

RADIATOR CLEANING

EG490-01

Using water or a steam cleaner, remove any mud and dirt from the radiator core.

NOTICE: If using a high pressure type cleaner, be careful not to deform the fins of the radiator core. (i.e. Maintain a distance between the cleaner nozzle and radiator core.)

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RADIATOR INSPECTION

EG491-01

1. **REMOVE RADIATOR CAP**

CAUTION: To avoid the danger of being burned, do not remove the radiator cap while the engine and radiator are still hot, as fluid and steam can be blown out under pressure.

2. **INSPECT RADIATOR CAP**

NOTICE: If the radiator cap has contaminations, always rinse it with water.

Using a radiator cap tester, pump the tester and measure the relief valve opening pressure.

Standard opening pressure:

74 – 103 kPa

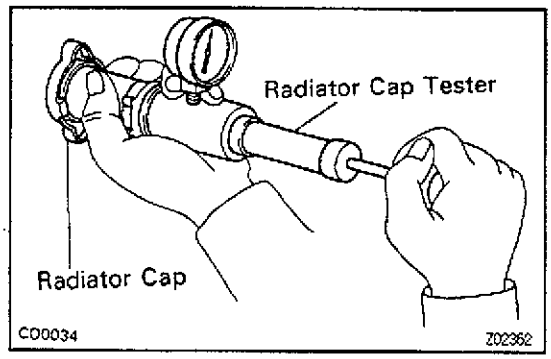
(0.75 – 1.05 kgf/cm², 10.7 – 14.9 psi)

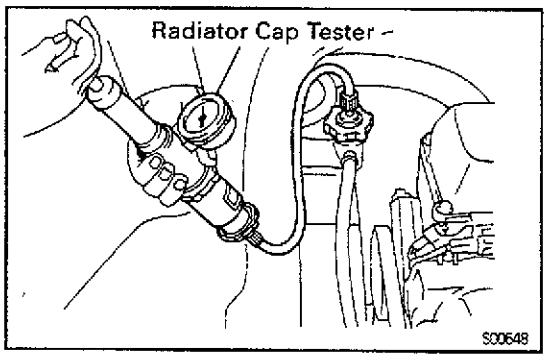
Minimum opening pressure:

59 kPa (0.6 kgf/cm², 8.5 psi)

HINT: Use the tester's maximum reading as the opening pressure.

If the opening pressure is less than minimum, replace the radiator cap.





3. **INSPECT COOLING SYSTEM FOR LEAKS**

(a) Fill the radiator and engine with coolant, and attach a radiator cap tester to the water filler.

(b) Warm up the engine.

(c) Pump it to 118 kPa (1.2 kgf/cm², 17.1 psi), and check that the pressure does not drop.

If the pressure drops, check the hoses, radiator or water pump for leaks. If no external leaks are found, check the heater core, cylinder block and cylinder head.

4. **REINSTALL RADIATOR CAP**