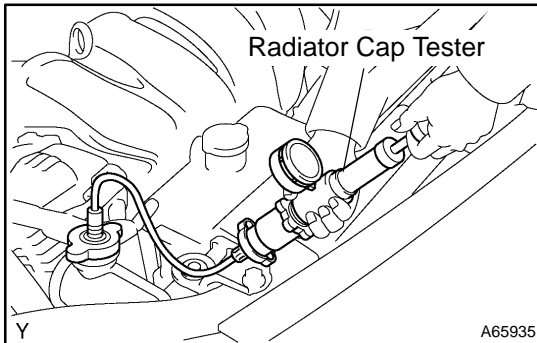


# COOLING SYSTEM

## ON-VEHICLE INSPECTION

160C4-02



### 1. INSPECT COOLING SYSTEM FOR LEAKS

#### 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.

- Fill the radiator with coolant and attach a radiator cap tester.
- Warm up the engine.
- Pump it to 118 kPa (1.2 kgf/cm<sup>2</sup>, 17.1 psi), and check that the pressure does not drop.

#### HINT:

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

### 2. CHECK ENGINE COOLANT LEVEL AT RESERVOIR

- The engine coolant level should be between the "LOW" and "FULL" line.

#### HINT:

If low, check for leaks and add "Toyota Long Life Coolant" or equivalent up to the "FULL" line.

### 3. CHECK ENGINE COOLANT QUALITY

- Remove the 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.

- Check if there is any excessive deposits of rust or scale around the radiator cap and radiator filler hole; the coolant should be free from oil.

#### HINT:

If excessively dirty, replace the coolant.

- Reinstall the radiator cap.