



## COOLANT REPLACEMENT

CO09X-06

### CAUTION:

**Do not remove the radiator cap while the engine and radiator are hot.**

#### 1. DRAIN ENGINE COOLANT

- (a) Remove the radiator cap.
- (b) Loosen the 2 drain plugs (for the engine and radiator), and drain the coolant.

### HINT:

To prevent the coolant from spraying over the cylinder block, connect the rubber hose (inside diameter 6 – 8 mm) in the market to the union pipe under the drain plug.

- (c) Close the drain plugs.

**Torque: 30 N·m (300 kgf·cm, 22 ft·lbf) for engine**

#### 2. FILL ENGINE COOLANT

- (a) Slowly fill the system with coolant.

**Coolant: TOYOTA Long Life Coolant or equivalent**

Use of the coolant which includes more than 50% [freezing protection down to  $-35^{\circ}\text{C}$  ( $-31^{\circ}\text{F}$ )] or 60% [freezing protection down to  $-50^{\circ}\text{C}$  ( $-58^{\circ}\text{F}$ )] of ethylene glycol is recommended, but not more than 70%.

### NOTICE:

- **Use of improper coolant may damage the engine cooling system.**
- **Do not use an alcohol type coolant or plain water alone.**
- **The coolant should be mixed with plain water (preferable demineralized water or distilled water).**

**Capacity: 7.7 liters (8.1 US qts, 6.8 Imp. qts)**

- (b) Install the radiator cap.
- (c) Start the engine, and bleed the cooling system.
- (d) Refill the reservoir with coolant until it reaches the FULL line.

#### 3. CHECK ENGINE COOLANT LEAK

#### 4. CHECK ENGINE COOLANT GRAVITY