

## REPLACEMENT

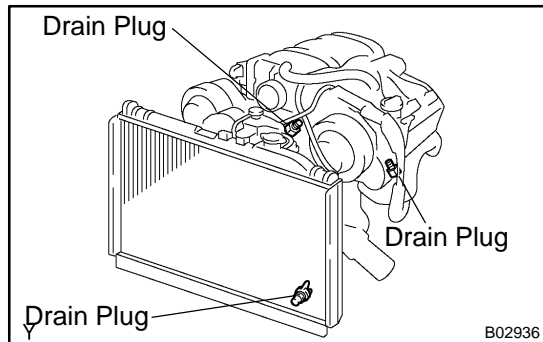
### 1. REMOVE AIR CLEANER INLET

### 2. DRAIN ENGINE COOLANT

- (a) 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.



- (b) Remove the 3 drain plugs on the engine and radiator, and drain the coolant.

- (c) Close the 3 drain plugs.

**Torque: 12.7 N·m (130 kgf·cm, 9 ft·lbf) for engine**

### 3. FILL WITH ENGINE COOLANT

- (a) Slowly fill the system with coolant.
- Use of improper coolants may damage engine cooling system.
  - Use "Toyota Long Life Coolant" or equivalent and mix it with plain water according to the manufacturer's directions.
  - 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:

- Do not use an alcohol type coolant or plain water alone.
- The coolant should be mixed with plain water (preferably demineralized water or distilled water).

**Capacity: 9.0 liters (9.5 US qts, 7.9 Imp. qts)**

- (b) Slowly pour coolant into the radiator reservoir until it is "FULL".

- (c) install the radiator cap to the radiator.

- (d) Bleed the cooling system.

- (1) Start the engine, and open the heater water valve.
- (2) Maintain the engine speed at 2,000 – 2,500 rpm, and warm up the engine.

- (e) Stop the engine, and wait until the engine coolant cools down.

- (f) Refill the radiator reservoir with coolant until it reaches the "FULL" line.

### 4. CHECK FOR ENGINE COOLANT LEAKS

### 5. CHECK ENGINE COOLANT SPECIFIC GRAVITY CORRECTLY

### 6. INSTALL AIR CLEANER INLET