

## REPLACEMENT

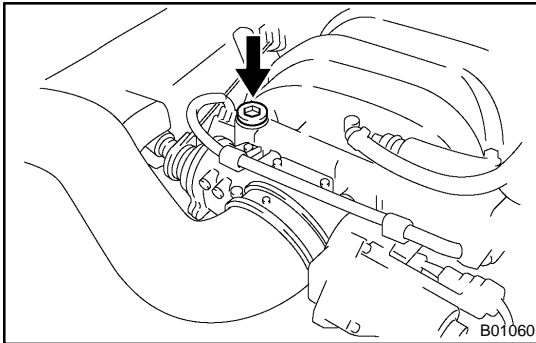
### 1. REMOVE V-BANK COVER

### 2. DRAIN ENGINE COOLANT

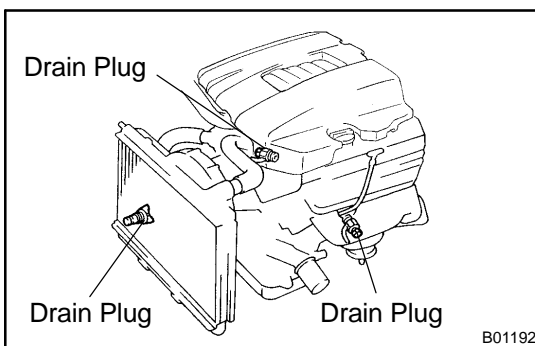
- (a) Remove the radiator cap from the radiator reservoir.

#### 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 water filler plug from the throttle body.



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

- (d) Close the 3 drain plugs.

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

### 3. REFILL WITH ENGINE COOLANT

- (a) Slowly fill coolant to the throttle body until it is full.

- Use a good brand of ethylene-glycol base coolant and mix it according to the manufacturer's directions.

#### Grade:

**"TOYOTA LONG LIFE Antifreeze Coolant" or equivalent**

- Using coolant which includes more than 50 % ethylene-glycol (but not more than 70 %) is recommended.

#### NOTICE:

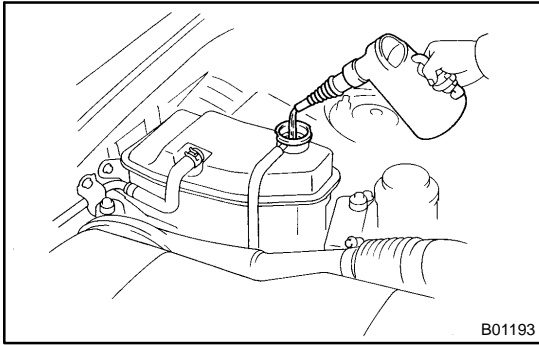
- Do not use a alcohol type coolant.
- The coolant should be mixed with demineralized water or distilled water.

#### Capacity (w/ Heater):

**11.0 liters (11.6 US qts, 9.7 Imp. qts)**

- (b) Install the water filler plug to the throttle body.

**Torque: 45 N·m (459 kgf·cm, 33 ft·lbf)**



- (c) Slowly pour coolant into the radiator reservoir until it is "FULL".
  - (d) Install the radiator cap.
  - (e) Bleed the cooling system.
    - Start the engine, and open the heater water valve.
    - Maintain the engine speed at 2,000 – 2,500 rpm, and warm up the engine.
  - (f) Stop the engine, and wait until the engine coolant cools down.
  - (g) Refill coolant into the reservoir until it is "FULL".
- 4. CHECK ENGINE COOLANT FOR LEAKS**
  - 5. REINSTALL V-BANK COVER**