

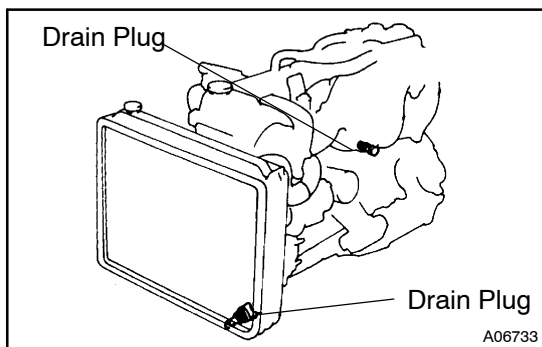
# COOLANT REPLACEMENT

## 1. 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) Loosen the 2 drain plugs on the engine and radiator, and drain the coolant.

- (c) Close the 2 drain plugs.

**Torque: 29.0 N·m (300 kgf·cm, 22 ft·lbf) for engine**

## 2. REFILL WITH ENGINE COOLANT

- (a) slowly fill the system with coolant.
- Use a good brand of ethylene- glycol base coolant and mix it according to the manufacturer's directions.
  - Using coolant which includes more than 50 % ethylene-glycol (but not more than 70 %) is recommended.

### NOTICE:

- **Do not use an alcohol type coolant.**
- **the coolant should be mixed with demineralized water or distilled water.**

### Capacity:

#### G.C.C. countries:

**M/T: 13.9 liters (14.7 US qts, 12.2 Imp. qts)**

**A/T: 13.5 liters (14.2 US qts, 11.9 Imp. qts)**

#### Others:

#### M/T:

**w/ rear heater: 14.3 liters (15.1 US qts, 12.6 Imp. qts)**

**w/o rear heater: 13.8 liters (14.6 US qts, 12.1 Imp. qts)**

#### A/T:

**w/ rear heater: 13.9 liters (14.7 US qts, 12.2 Imp. qts)**

**w/o rear heater: 13.4 liters (14.2 US qts, 11.8 Imp. qts)**

- (b) Install the radiator cap.
- (c) 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.
- (d) Stop the engine, and wait until the engine coolant cools down.
- (e) Refill the radiator reservoir with coolant until it reaches the "FULL" line.

## 3. CHECK FOR ENGINE COOLANT LEAKS