

COOLANT (1AZ-FE) REPLACEMENT

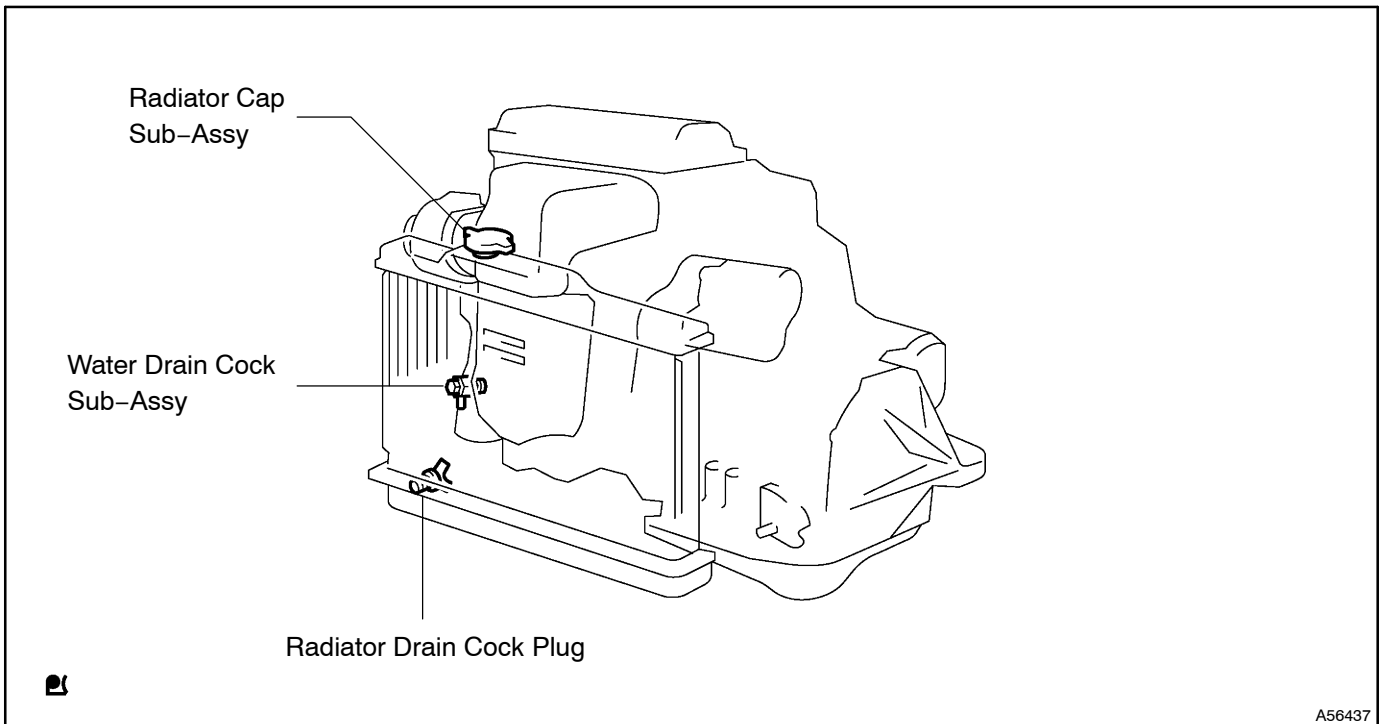
1600V-02

1. DRAIN COOLANT

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.

- (a) Remove the radiator cap.
- (b) Loosen the radiator plug and drain the coolant.



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2. ADD COOLANT

- (a) Tighten the radiator drain plug, and pour coolant into radiator until it overflows.

Capacity:

Except Australia

6.8 liters (7.2 US qts, 6.0 Imp. qts) w/ Front heater

7.5 liters (7.9 US qts, 6.6 Imp. qts) w/ Front & rear heater

5.9 liters (6.2 US qts, 5.2 Imp. qts) w/o Heater

For Australia

7.6 liters (8.0 US qts, 6.7 Imp. qts) w/ Front heater

8.3 liters (8.9 US qts, 7.3 Imp. qts) w/ Front & rear heater

6.7 liters (7.1 US qts, 5.9 Imp. qts) w/o Heater

HINT:

- Press the radiator inlet and outlet hose several times with hand.
- If the coolant level gets lower, pour 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.
- Using of coolant with includes more than 50 % (freezing protection down to -35°C (-31°F) or 60 % (freezing protection down to -50°C (-58°F)) of ethylene-glycol is recommended but not more than 70 %.

- (b) Tighten the radiator cap.
- (c) Pour engine coolant into the reservoir tank until it reaches full line.
- (d) Warm up the engine until the thermostat valve begins to open.

HINT:

Press the radiator inlet and outlet hose several times with hand during the warming up.

- (e) Stop the engine and wait until the coolant temp. gets cold. Then remove the radiator cap to check the coolant level.
- (f) If the level gets lower, perform the procedures above again.
- (g) If the level does not gets lower, adjust the reservoir tank coolant level.

3. CHECK ENGINE COOLANT LEAK

- (a) Fill the radiator with coolant and attach a radiator cap tester.
- (b) Pump it to 118 kPa (1.2 kgf/cm²), and check leakage.