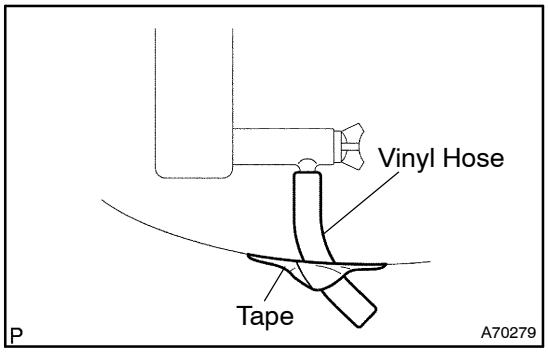
# COOLANT (1KZ–TE)

## REPLACEMENT

160HA–01

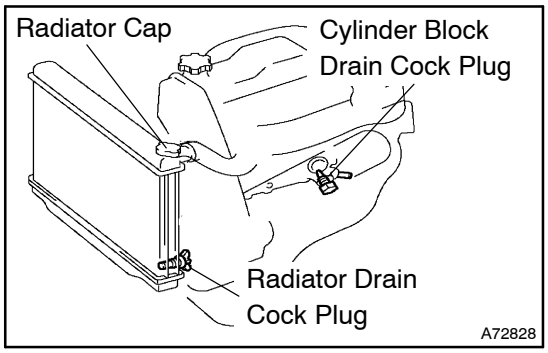



### 1. DRAIN ENGINE COOLANT

**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 blow out under pressure.**

(a) Remove the service hole cover of the engine under cover.
(b) Insert the vinyl hose into the service hole on the radiator.
(c) Fix the vinyl hose with tape.




(d) Remove the radiator cap.
(e) Loosen the radiator drain cock plug, and drain the engine coolant.

### 2. ADD ENGINE COOLANT

(a) Close the radiator drain cock plug, and pour engine coolant into radiator until it overflows.
**Capacity:**
**A/T 12.0 liters (12.7 US qts, 10.6 Imp. qts)**
**M/T 12.2 liters (12.9 US qts, 10.7 Imp. qts)**

HINT:

- Press the radiator inlet and outlet hose several times with hard.
- If the engine coolant gets lower, pour engine coolant.

(b) Reinstall 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 hard during the warming up.

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

### 3. CHECK FOR ENGINE COOLANT LEAKS

(a) Fill the radiator with coolant and attach a radiator cap tester.
(b) Pump it to 118 kPa (1.2 kgf/cm$^2$, 17.1 psi), and check that the pressure does not drop.