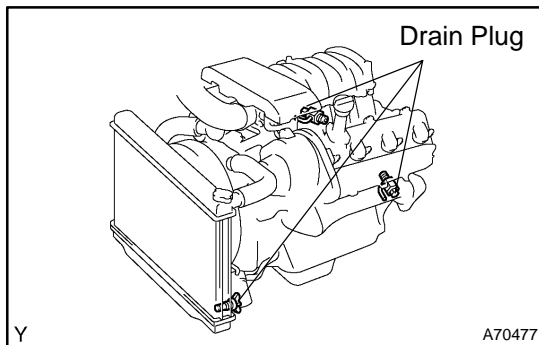
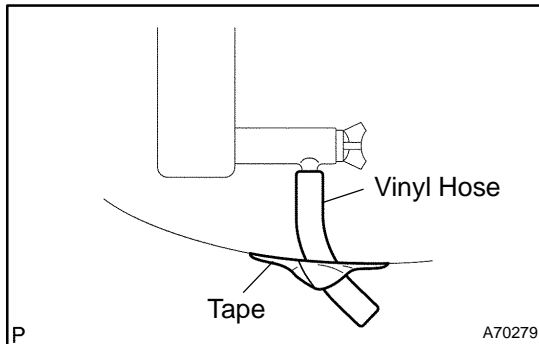


COOLANT (2UZ-FE) REPLACEMENT

160F0-01



1. DRAIN ENGINE COOLANT

CAUTION:

To avoid the risk of burn injury, do not remove the radiator cap while the engine and radiator are on heat. It is a probable result that heated fluid and steam are spewed by pressure inside the radiator.

- (a) Remove the radiator cap.
- (b) Remove the service hole cover for the engine under cover No. 1.
- (c) Install a vinyl hose to the drain the radiator side.
- (d) Loosen the radiator drain plug and engine drain plug, and drain the coolant from the radiator.
- (e) Drain the coolant from the reserve tank.
- (f) Close the drain plugs.

Torque: 13 N·m (130 kgf·cm, 9 ft·lbf) for engine

- (g) Remove the vinyl hose from the radiator.

2. REFILL ENGINE COOLANT

- (a) Slowly fill the system with engine coolant.
 - (1) Using 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

- (2) 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: 12.3 liters (13.0 US qts, 10.8 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 coolant into the reservoir until it is "FULL".

3. CHECK FOR ENGINE COOLANT LEAKS