CO0RF–01

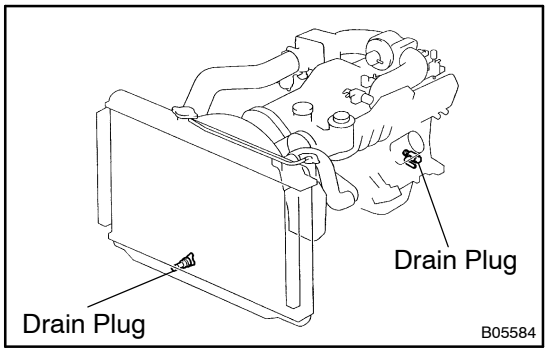
REPLACEMENT

1. DRAIN ENGINE COOLANT

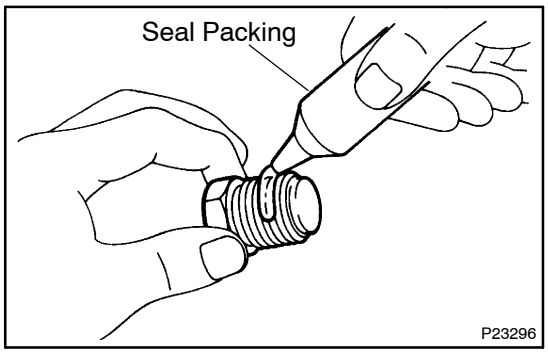
(a) Remove the radiator cap.

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 radiator drain plug (on the left side of the radiator lower tank) and engine drain plug (on the left side of the cylinder block), and drain the coolant.



(c) Apply seal packing to 2 or 3 threads of the engine drain plug.

Seal packing: Part No. 08826–00100 or equivalent

(d) Close the drain plugs.

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

2. FILL ENGINE COOLANT

(a) Slowly fill the system with the 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:

1HZ

G.C.C. countries

12.4 liters (13.1 US qts, 10.9 Imp. qts)

w/ rear heater

12.9 liters (13.6 US qts, 11.3 Imp. qts)

Australia M/T

12.4 liters (13.1 US qts, 10.9 Imp. qts)

w/ rear heater
12.9 liters (13.6 US qts, 11.3 Imp. qts)
Australia A/T
12.0 liters (12.7 US qts, 10.6 Imp. qts)
w/ rear heater
12.5 liters (13.2 US qts, 11.0 Imp. qts)
Others M/T
12.4 liters (13.1 US qts, 10.9 Imp. qts)
w/ rear heater
12.9 liters (13.6 US qts, 11.3 Imp. qts)
Others A/T
12.0 liters (12.7 US qts, 10.6 Imp. qts)
w/ rear heater
12.5 liters (13.2 US qts, 11.0 Imp. qts)
1HD–T
M/T
12.5 liters (13.2 US qts, 11.0 Imp. qts)
w/ rear heater
13.0 liters (13.7 US qts, 11.4 Imp. qts)
A/T
12.1 liters (12.8 US qts, 10.6 Imp. qts)
w/ rear heater
12.6 liters (13.3 US qts, 11.1 Imp. qts)
1HD–FTE
M/T
13.2 liters (13.9 US qts, 11.6 Imp. qts)
w/ viscous heater
13.7 liters (14.5 US qts, 11.2 Imp. qts)
A/T
12.8 liters (13.5 US qts, 11.2 Imp. qts)
w/ viscous heater
13.3 liters (14.1 US qts, 11.7 Imp. qts)

(b) Install the radiator cap.
(c) Start engine, and bleed the cooling system.
(d) Refill the radiator reservoir with coolant until it reaches the "FULL" line.

3. CHECK ENGINE COOLANT FOR LEAKS