

THERMOSTAT > REMOVAL

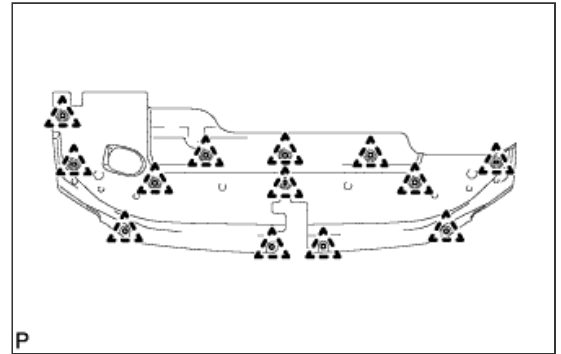
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HINT:

If the thermostat is not installed, cooling efficiency decreases. Even if the engine tends to overheat, do not remove the thermostat.

1. REMOVE UPPER RADIATOR SUPPORT SEAL

- a. Remove the 13 clips and upper radiator support seal.



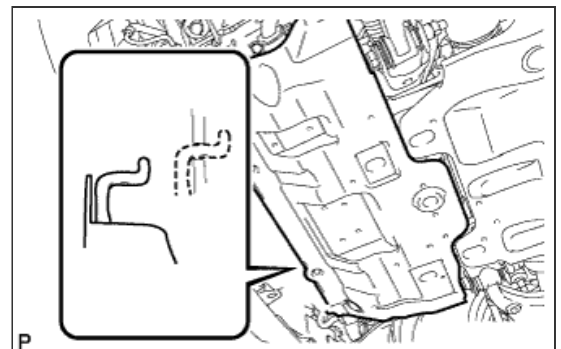
2. REMOVE LOWER FRONT BUMPER COVER

- a. Remove the clip, 5 bolts and lower front bumper cover.

3. REMOVE NO. 1 ENGINE UNDER COVER SUB-ASSEMBLY

- a. Remove the 4 bolts.

- b. Unhook the No. 1 engine under cover from the vehicle body as shown in the illustration.



4. DRAIN ENGINE COOLANT

CAUTION:

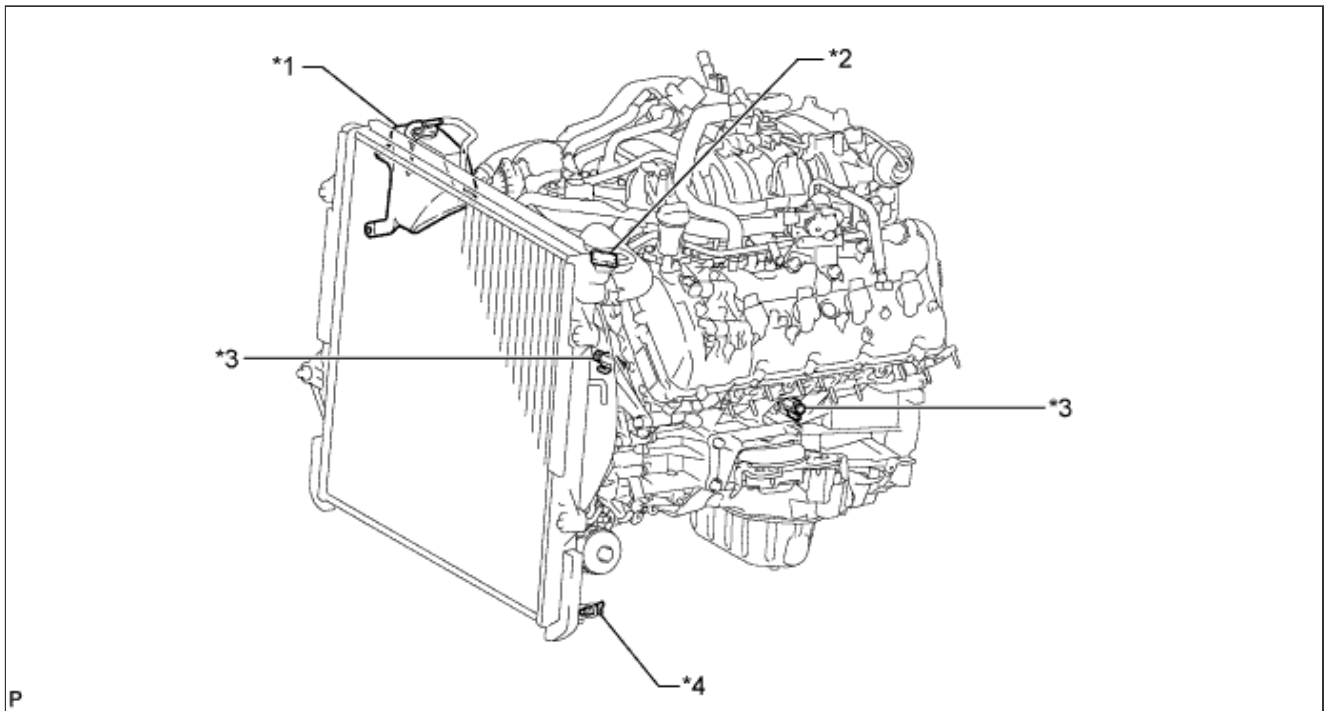
Do not remove the radiator cap while the engine and radiator are still hot. Pressurized, hot engine coolant and steam may be released and cause serious burns.

HINT:

Collect the coolant in a container and dispose of it according to the regulations in your area.

- a. Loosen the radiator drain cock plug.
- b. Remove the radiator cap. Then drain the coolant from the radiator.
- c. Loosen the 2 cylinder block drain cock plugs. Then drain the coolant from the engine.

- d. Tighten the 2 cylinder block drain cock plugs.



Text in Illustration

*1	Radiator Reservoir	*2	Radiator Cap
*3	Cylinder Block Drain Cock Plug	*4	Radiator Drain Cock Plug

Torque:

13 N*m { 130 kgf*cm , 9 ft.*lbf }

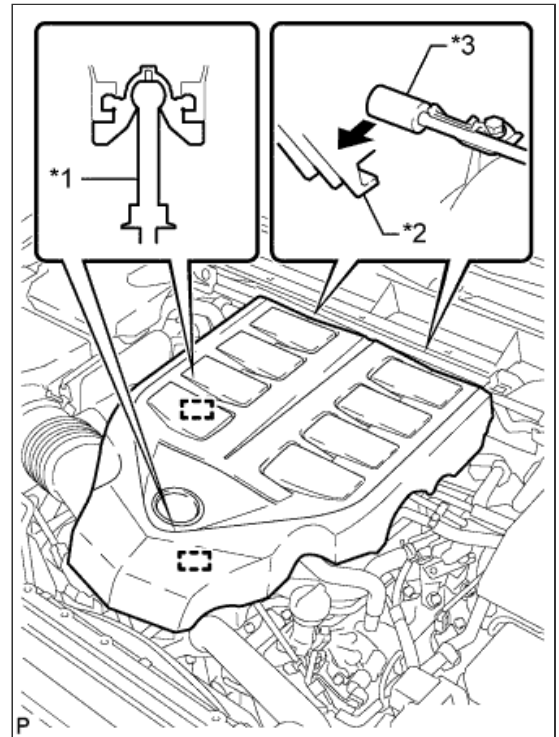
- e. Tighten the radiator drain cock plug by hand.

5. REMOVE V-BANK COVER SUB-ASSEMBLY

- a. Raise the front of the V-bank cover to detach the 2 pins. Then detach the 2 V-bank cover hooks from the No. 1 V-bank cover bracket and remove the V-bank cover.

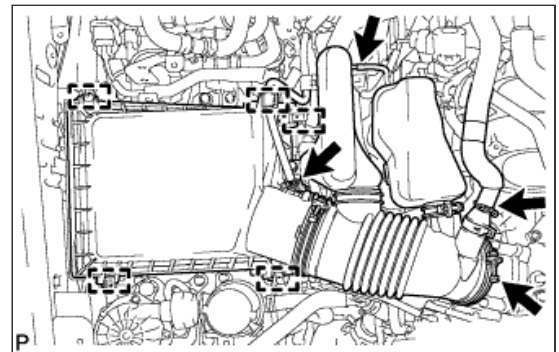
Text in Illustration

*1	Pin
*2	Hook
*3	No. 1 V-bank Cover Bracket



6. REMOVE AIR CLEANER CAP AND HOSE

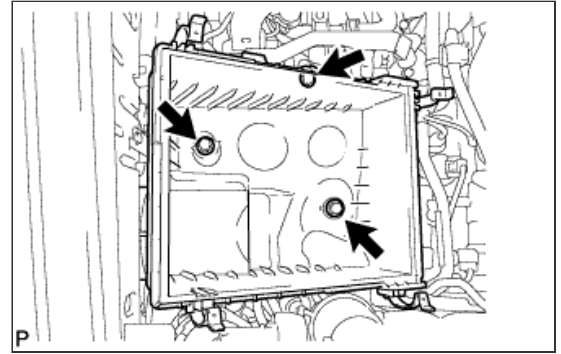
- a. Disconnect the mass air flow meter connector, No. 1 air hose and No. 2 ventilation hose and detach the wire harness clamp.
- b. Loosen the hose clamp.
- c. Detach the 4 clamps and remove the air cleaner cap and hose.



7. REMOVE AIR CLEANER FILTER ELEMENT SUB-ASSEMBLY

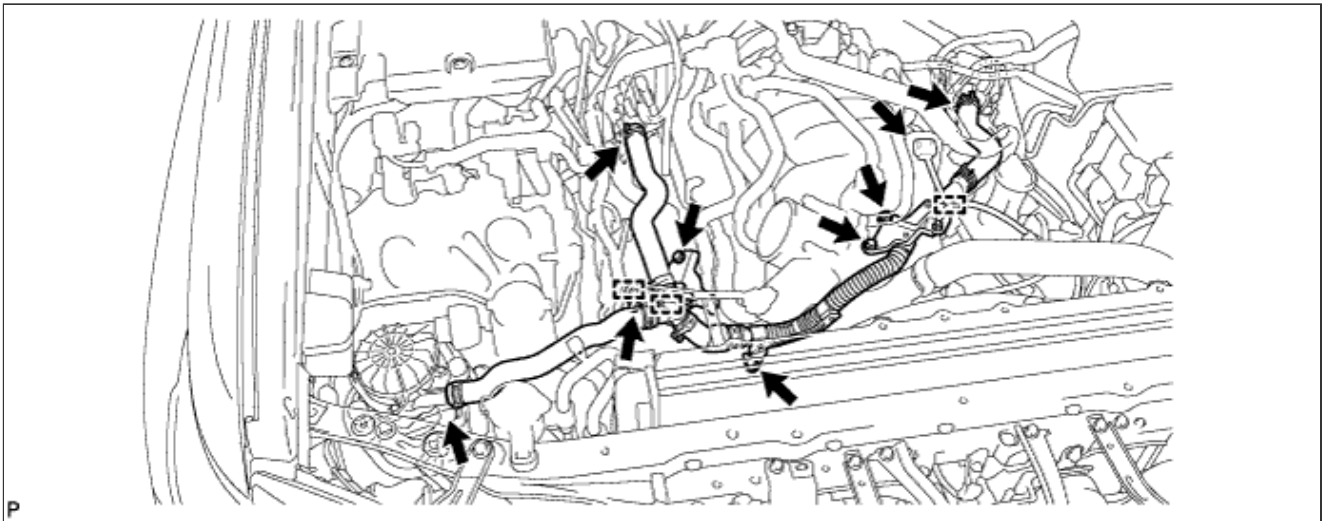
8. REMOVE AIR CLEANER CASE SUB-ASSEMBLY

- a. Remove the 3 bolts and air cleaner case.



9. REMOVE AIR TUBE SUB-ASSEMBLY

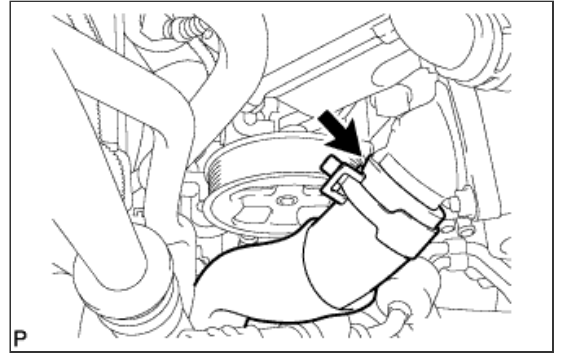
- a. Disconnect the manifold absolute pressure sensor connector and detach the clamp.



- b. Detach the 2 wire harness clamps from the air tube bracket.
- c. Disconnect the No. 2 air injection system hose from the air switching valve LH.
- d. Disconnect the No. 1 air injection system hose from the air switching valve RH.
- e. Disconnect the air hose from the air pump.
- f. Remove the 5 bolts and air tube.

10. DISCONNECT NO. 2 RADIATOR HOSE

- a. Disconnect the No. 2 radiator hose.



11. REMOVE WATER INLET SUB-ASSEMBLY WITH THERMOSTAT

- a. Remove the 3 nuts, water inlet with thermostat and gasket.

