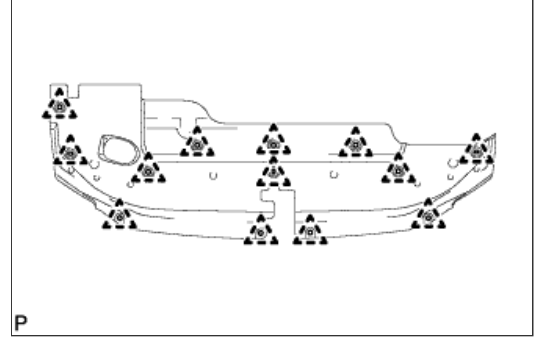


RADIATOR > REMOVAL

for Preparation [Click here](#)

1. REMOVE UPPER RADIATOR SUPPORT SEAL

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

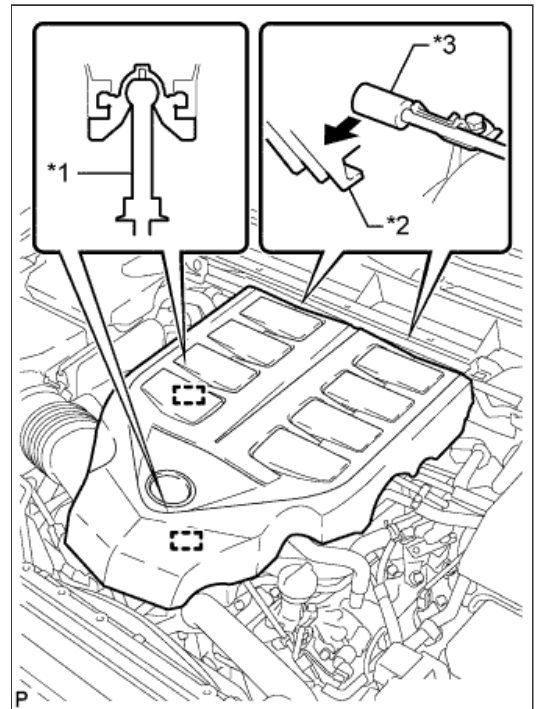


2. REMOVE V-BANK COVER SUB-ASSEMBLY

- 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



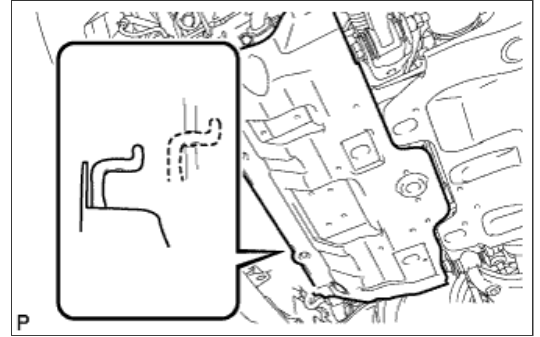
3. REMOVE LOWER FRONT BUMPER COVER

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

4. 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.



5. DRAIN ENGINE COOLANT

CAUTION:

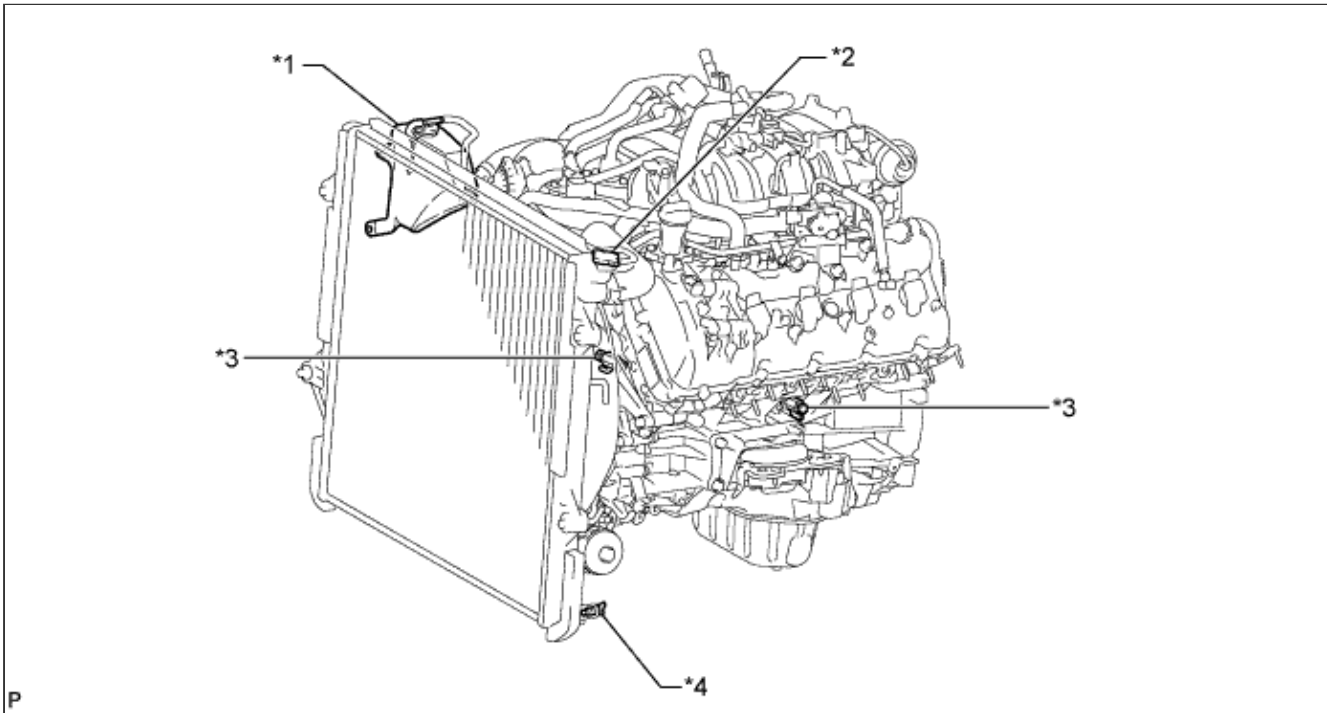
Do not remove the radiator cap while the engine and radiator are still hot. Pressurized, hot engine coolant and steam may be released and cause serious burns.

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 }

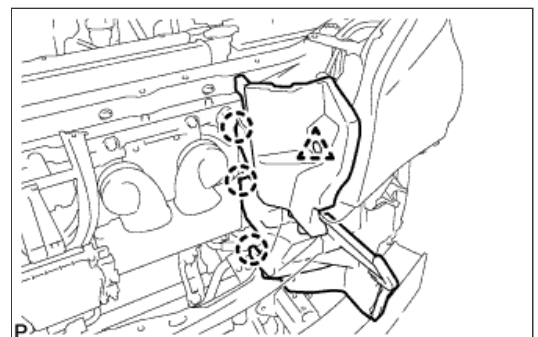
- e. Tighten the radiator drain cock plug by hand.

6. REMOVE FRONT BUMPER COVER

- a. Remove the front bumper cover ([Click here](#)).

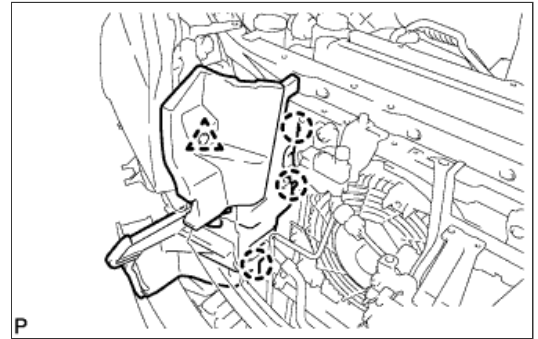
7. REMOVE RADIATOR SIDE DEFLECTOR LH

- a. Using a clip remover, detach the 3 claws and remove the clip. Then move the radiator side deflector so that the radiator can be removed in the step below.



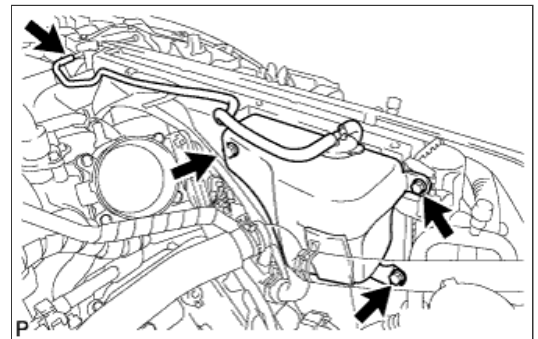
8. REMOVE RADIATOR SIDE DEFLECTOR RH

- a. Using a clip remover, detach the 3 claws and remove the clip. Then move the radiator side deflector so that the radiator can be removed in the step below.



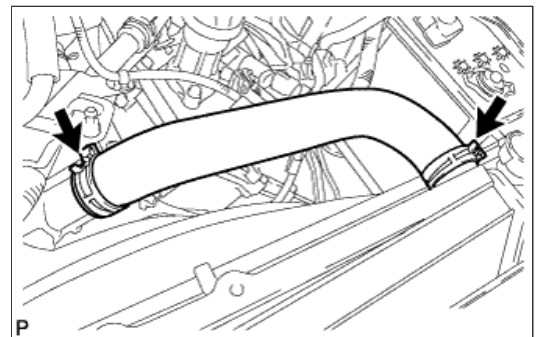
9. REMOVE RADIATOR RESERVOIR ASSEMBLY

- a. Disconnect the radiator reservoir hose from the radiator.
- b. Remove the 3 bolts and radiator reservoir.



10. REMOVE NO. 1 RADIATOR HOSE

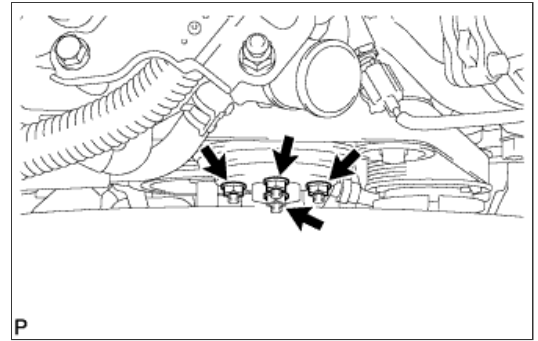
- a. Remove the No. 1 radiator hose.



11. REMOVE FAN SHROUD

- a. Loosen the 4 nuts holding the fluid coupling.

- b. Remove the fan and generator V-ribbed belt ([Click here](#)).

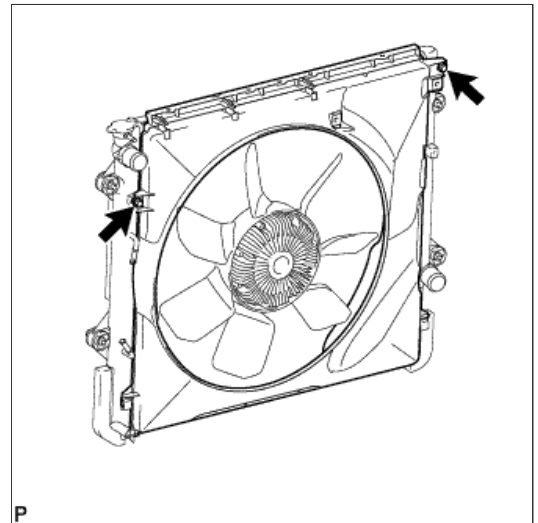


- c. Remove the 2 bolts holding the fan shroud.
- d. Remove the 4 nuts of the fluid coupling, and then remove the fan shroud together with the fluid coupling.

NOTICE:

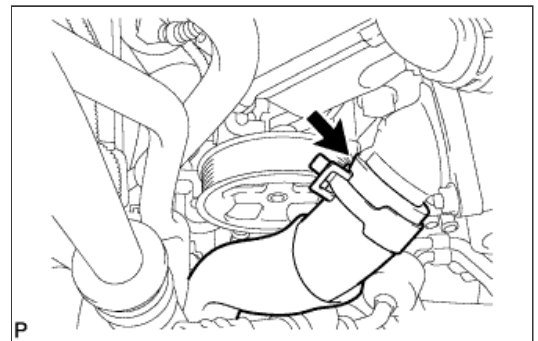
Be careful not to damage the radiator core.

- e. Remove the fan pulley from the water pump.



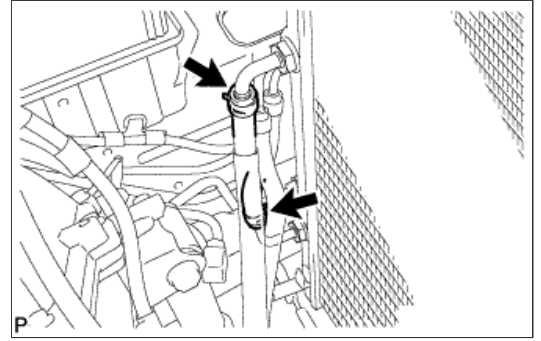
12. DISCONNECT NO. 2 RADIATOR HOSE

- a. Disconnect the No. 2 radiator hose.



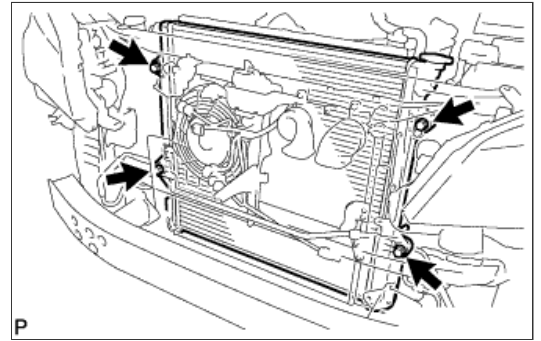
13. DISCONNECT OIL COOLER ACCESSORY ASSEMBLY

- a. Disconnect the 2 hoses and oil cooler accessory from the radiator.



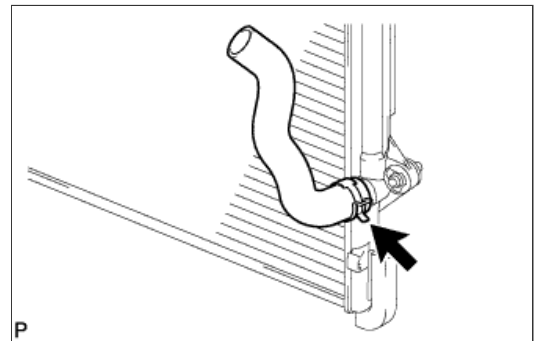
14. REMOVE RADIATOR ASSEMBLY

- a. Remove the 4 bolts and radiator.



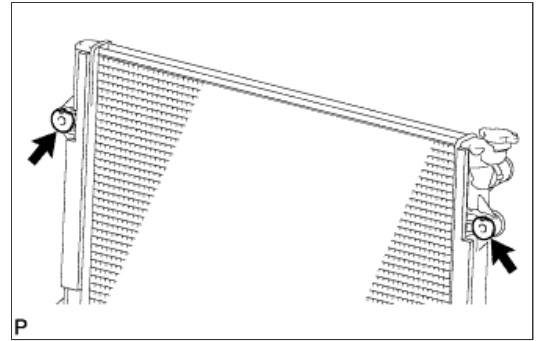
15. REMOVE NO. 2 RADIATOR HOSE

- a. Remove the No. 2 radiator hose from the radiator.



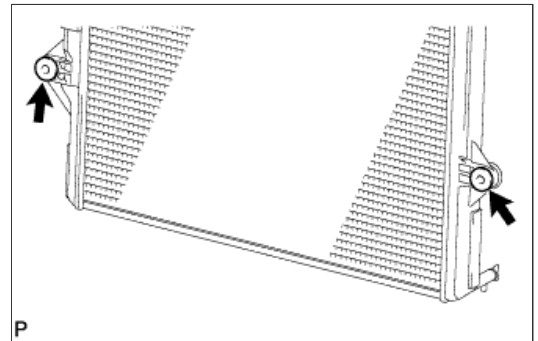
16. REMOVE NO. 1 RADIATOR SUPPORT

- a. Remove the 2 No. 1 radiator supports from the radiator.



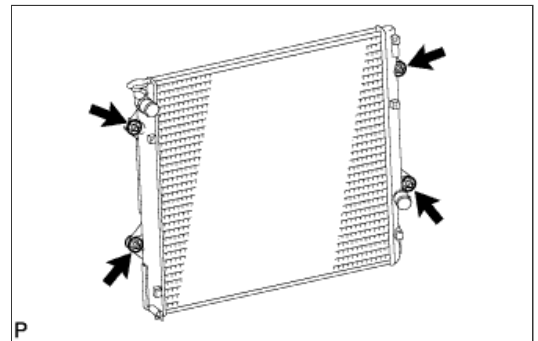
17. REMOVE NO. 2 RADIATOR SUPPORT

- a. Remove the 2 No. 2 radiator supports from the radiator.



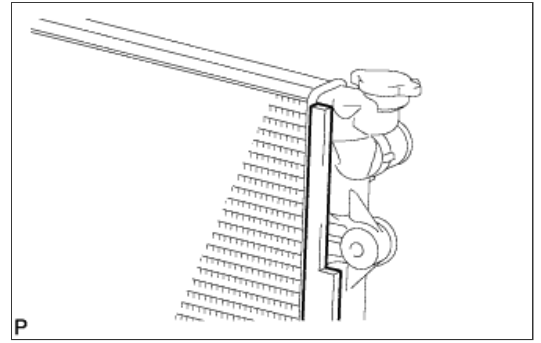
18. REMOVE NO. 1 RADIATOR SUPPORT BUSH

- a. Remove the 4 No. 1 radiator support bushes from the radiator.



19. REMOVE NO. 1 RADIATOR TO SUPPORT SEAL

- a. Remove the No. 1 radiator to support seal from the radiator.



20. REMOVE NO. 2 RADIATOR TO SUPPORT SEAL

- a.** Remove the No. 2 radiator to support seal from the radiator.

