RADIATOR ASSY (3RZ–FE)

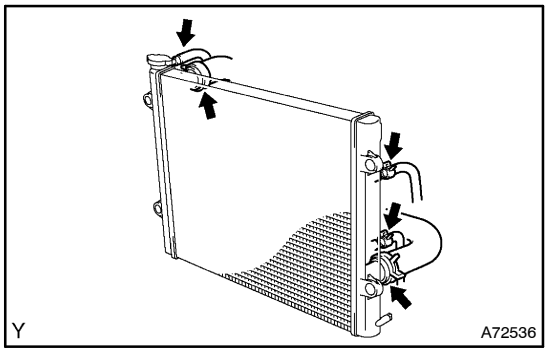
160HY–01

Removal & Installation and Disassembly & Reassembly

1. DRAIN ENGINE COOLANT (See page 16–7)

2. REMOVE RADIATOR SUPPORT SEAL UPPER

(a) Remove the 11 clips and radiator support upper.



3. SEPARATE FAN SHROUD

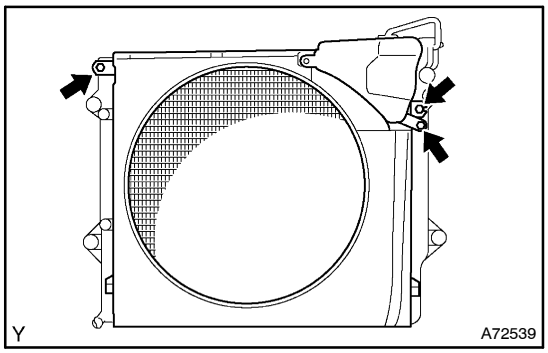
(a) Disconnect the reserve tank hose from the radiator.

(b) Disconnect the radiator hose No. 1 from the radiator.

(c) Disconnect the oil cooler inlet hose from the radiator (A/T TRANSMISSION).

(d) Disconnect the oil cooler outlet hose from the radiator (A/T TRANSMISSION).

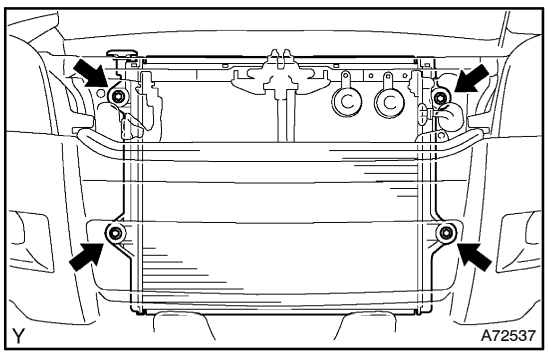
(e) Disconnect the radiator hose No. 2 from the radiator.



(f) Remove the 3 bolts, and separate the fan shroud.

HINT:

Temporarily put the separated fan shroud at an appropriate location in the engine room.



4. REMOVE RADIATOR ASSY

(a) Remove the 4 bolts and radiator.

5. REMOVE RADIATOR SUPPORT NO.1

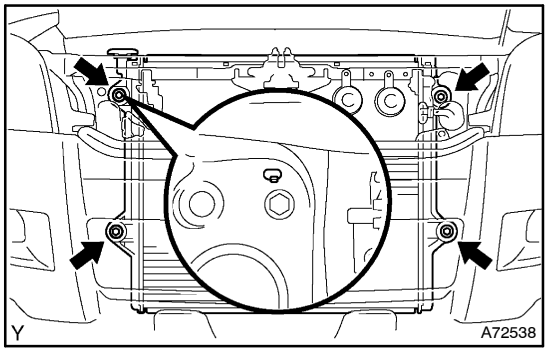
(a) Remove the 2 radiator support No. 1.

6. REMOVE RADIATOR SUPPORT NO.2

(a) Remove the 2 radiator support No. 2.

7. REMOVE RADIATOR SUPPORT NO.1 BUSH

(a) Remove the 4 radiator support No. 1 bush.

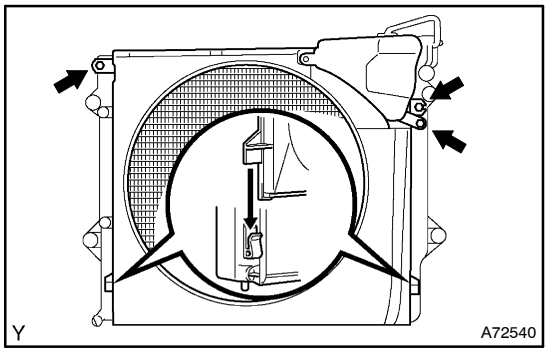


8. INSTALL RADIATOR ASSY

(a) Insert the tabs of the radiator support through the radiator service holes.

(b) Install the radiator assy with the 4 bolts.

Torque: 18 N·m (184 kgf·cm, 13 ft·lbf)



9. INSTALL FAN SHROUD

(a) Insert tabs in the slots described in the illustration, attach the fan shroud with the 3 bolts.

Torque: 5.0 N·m (51 kgf·cm, 44 in.·lbf)

10. ADD ENGINE COOLANT (See page 16–7)

11. CHECK FOR ENGINE COOLANT LEAKS (See page 16–7)