RADIATOR ASSY (1GR–FE)

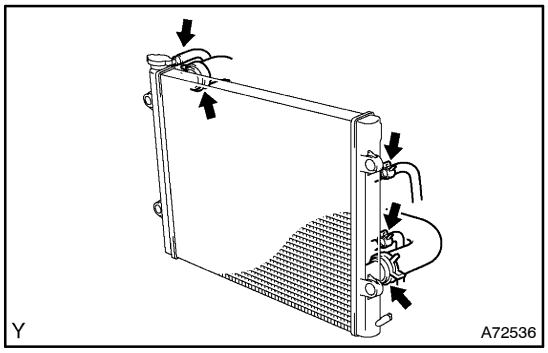
160JC–02

Removal & Installation and Disassembly & Reassembly

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

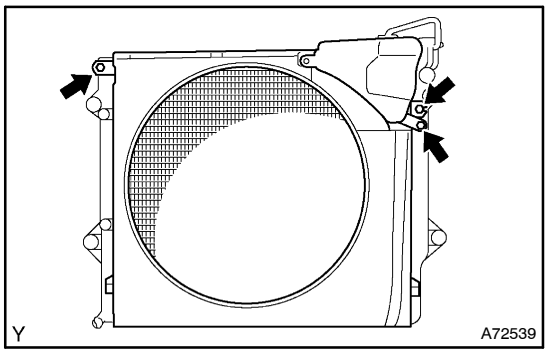
2. REMOVE RADIATOR SUPPORT SEAL UPPER

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



3. SEPARATE FAN SHROUD

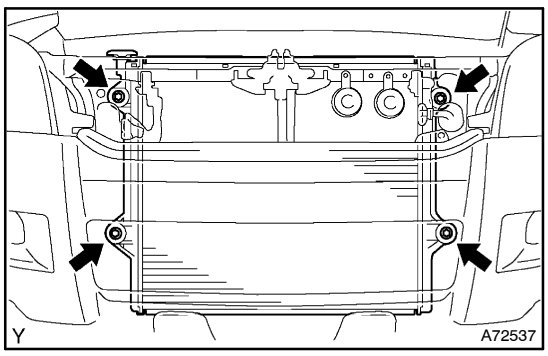
(a) Disconnect the reserve tank hose from the radiator.
(b) Disconnect the radiator hose No. 1 from the radiator.
(c) Disconnect the oil cooler inlet hose from the radiator.
(d) Disconnect the oil cooler outlet hose from the radiator.
(e) Disconnect the radiator hose No. 2 from the radiator.



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

HINT:

Temporarily put the separated fan shroud at a proper location in the engine compartment.



4. REMOVE RADIATOR ASSY

(a) Remove the 4 bolts and the radiator.

5. REMOVE RADIATOR SUPPORT NO.1

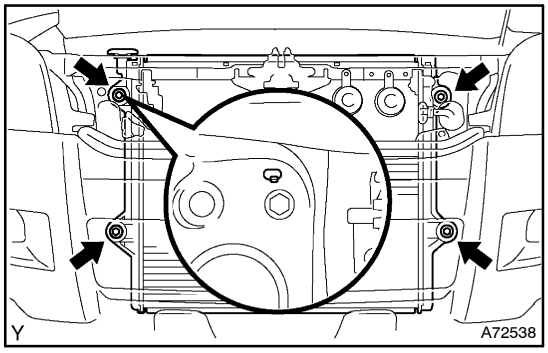
(a) Remove the 1 radiator support No. 1.

6. REMOVE RADIATOR SUPPORT NO.2

(a) Remove the 3 radiator support No. 2.

7. REMOVE RADIATOR SUPPORT NO.1 BUSH

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

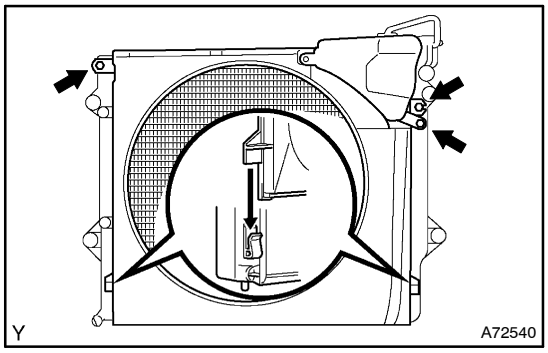


8. INSTALL RADIATOR ASSY

(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) Fit the tabs into the slots as shown in the illustration, and install the fan shroud with the 3 bolts.

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

10. ADD ENGINE COOLANT (See page 16–5)

11. CHECK FOR ENGINE COOLANT LEAKS (See page 16–1)