# RADIATOR ASSY (1KD–FTV)

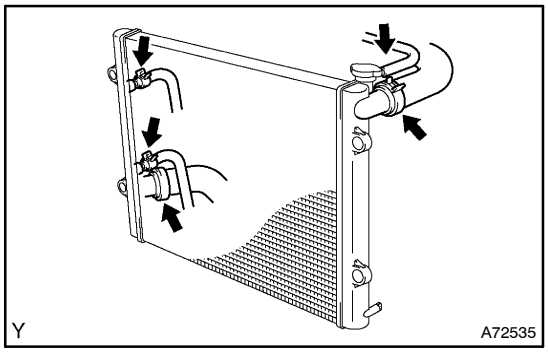
160HX–01

## Removal & Installation and Disassembly & Reassembly

**1. DRAIN ENGINE COOLANT (See page 16–50)**

**2. REMOVE RADIATOR SUPPORT SEAL UPPER**

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




**3. SEPARATE FAN SHROUD**

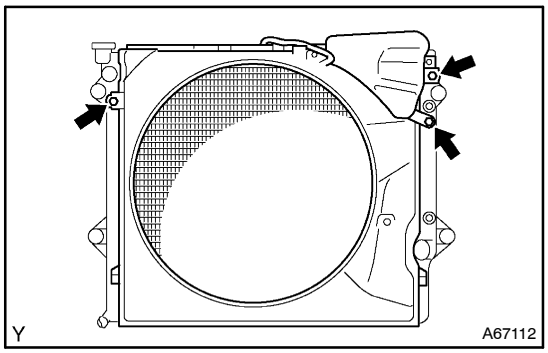
(a) Disconnect the reserve tank hose from the radiator.

(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).

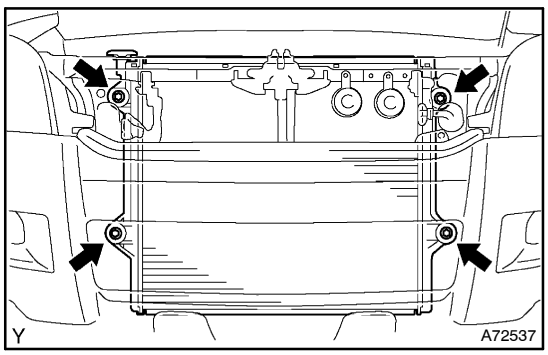
(e) Disconnect the radiator hose No. 2 from the radiator.




(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**

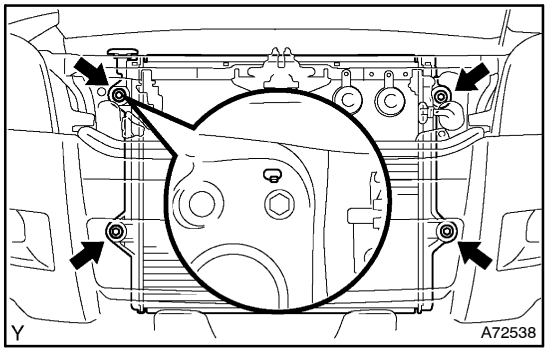
(a) Remove the 2 radiator support No. 1.

**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.

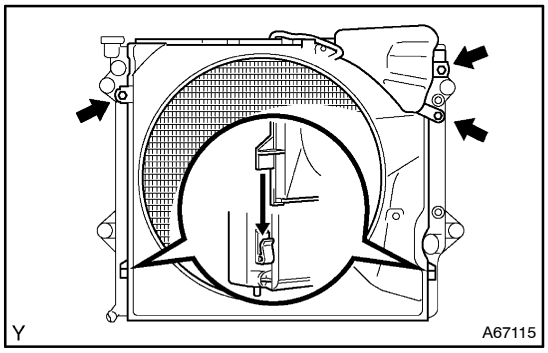



**8. INSTALL RADIATOR ASSY**

(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 16–50)**

**11. CHECK FOR ENGINE COOLANT LEAKS (See page 16–50)**