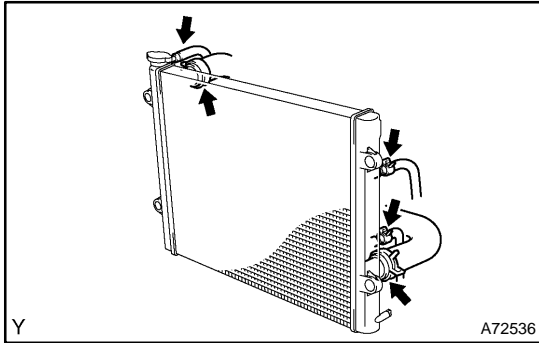


## RADIATOR ASSY (1GR-FE)

160J3-01

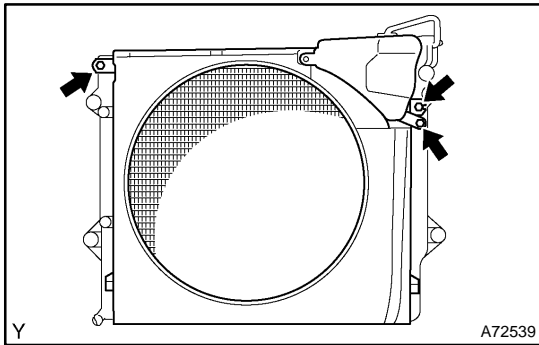
### Removal & Installation and Disassembly & Reassembly

1. DRAIN ENGINE COOLANT (See page 16-1 )
2. REMOVE RADIATOR SUPPORT SEAL UPPER
  - (a) Remove the 11 clips and radiator support upper.



### 3. SEPARATE FAN SHROUD

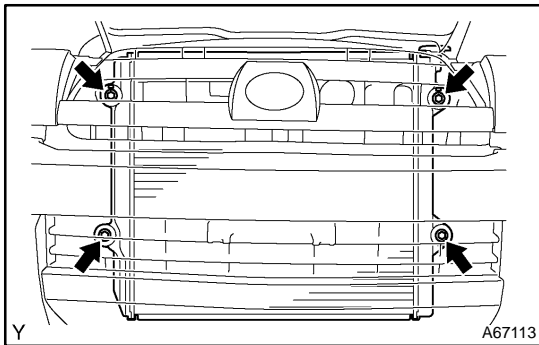
- (a) Disconnect the reserve tank hose from the radiator.
- (b) Disconnect the radiator hose No. 1 from the radiator.
- (c) Disconnect the oil cooler inlet hose from the radiator.
- (d) Disconnect the oil cooler outlet hose from the radiator.
- (e) Disconnect the radiator hose No. 2 from the radiator.



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

#### HINT:

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



### 4. REMOVE RADIATOR ASSY

- (a) Remove the 4 bolts and radiator.

### 5. REMOVE RADIATOR SUPPORT NO.1

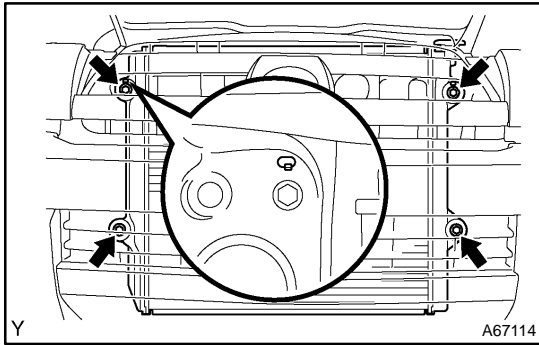
- (a) Remove the 1 radiator support No. 1.

### 6. REMOVE RADIATOR SUPPORT NO.2

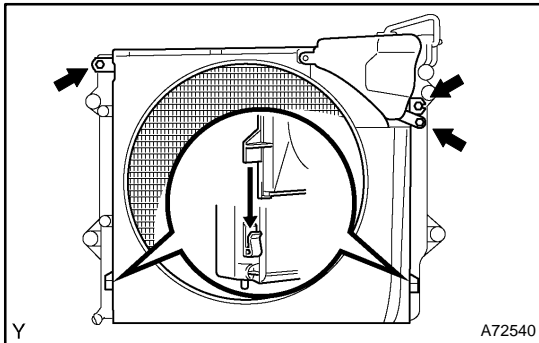
- (a) Remove the 3 radiator support No. 2.

### 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) Insert the tabs in the slots shown 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 16-5 )**

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