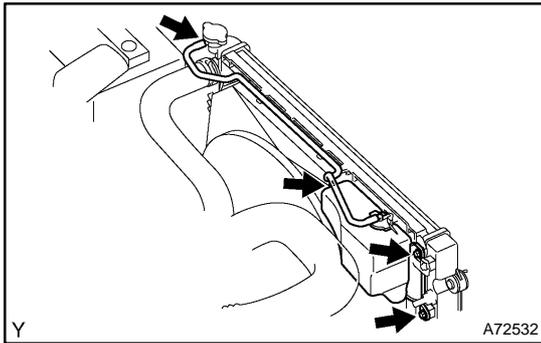


RADIATOR ASSY (2UZ-FE)

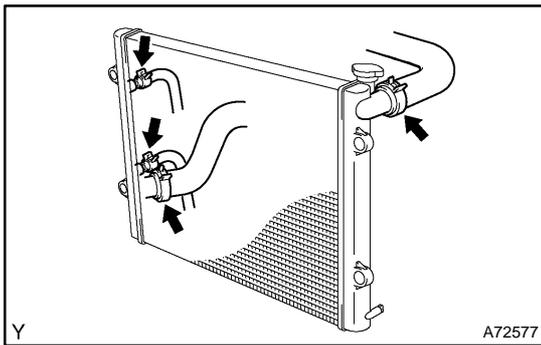
160ER-01

Removal & Installation and Disassembly & Reassembly

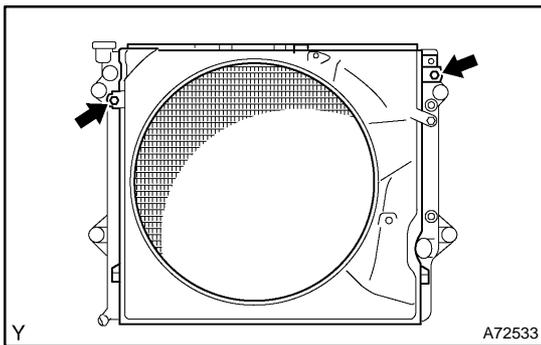
1. **DRAIN ENGINE COOLANT** (See page 16-5)
2. **REMOVE ENGINE UNDER COVER SUB-ASSY NO.1**
 - (a) Remove the 4 bolts and engine under cover.
3. **REMOVE RADIATOR SUPPORT SEAL UPPER**
 - (a) Remove the 11 clips and radiator support upper.



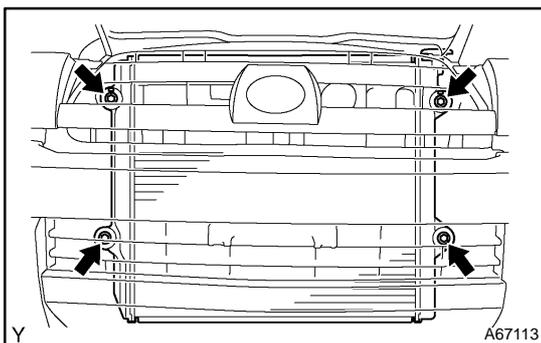
4. **REMOVE RADIATOR RESERVE TANK ASSY**
 - (a) Disconnect the reserve tank hose from the radiator.
 - (b) Remove the 3 bolts and reserve tank.



5. **SEPARATE FAN SHROUD**
 - (a) Disconnect the radiator hose No. 1 from the radiator.
 - (b) Disconnect the oil cooler inlet hose from the radiator. (A/T TRANSMISSION)
 - (c) Disconnect the oil cooler outlet hose from the radiator. (A/T TRANSMISSION)
 - (d) Disconnect the radiator hose No. 2 from the radiator.



- (e) Remove the 2 bolts, and separate the fan shroud.
- HINT:**
Temporarily put the separated fan shroud at an appropriate location in the engine room.



6. **REMOVE RADIATOR ASSY**
 - (a) Remove the 4 bolts and radiator.

7. REMOVE RADIATOR SUPPORT NO.1

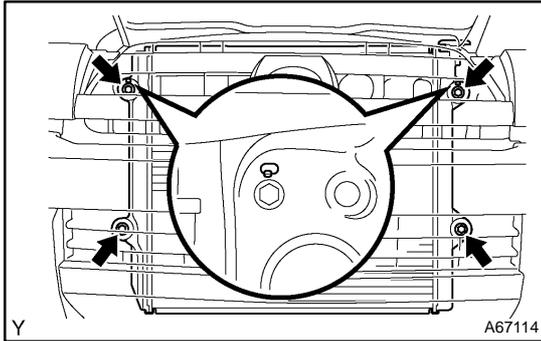
- (a) Remove the 2 radiator support No. 1 from the radiator.

8. REMOVE RADIATOR SUPPORT NO.2

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

9. REMOVE RADIATOR SUPPORT NO.1 BUSH

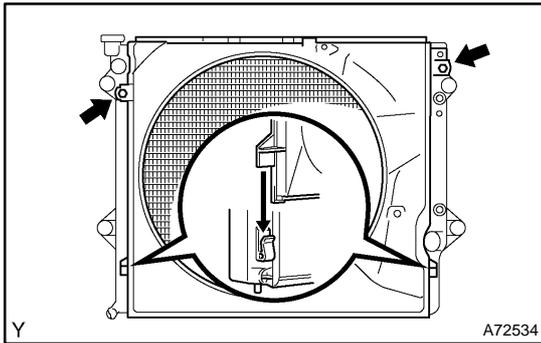
- (a) Remove the 4 radiator support No. 1 bush from the radiator.

**10. 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)

**11. INSTALL FAN SHROUD**

- (a) Insert tabs in the slots described in the illustration, attach the fan shroud with the 2 bolts.

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

12. INSTALL RADIATOR RESERVE TANK ASSY

- (a) Install the reserve tank with the 3 bolts.

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

- (b) Connect the reserve tank hose to the radiator.

13. ADD ENGINE COOLANT (See page 16-5)**14. CHECK FOR ENGINE COOLANT LEAKS (See page 16-1)**