

RADIATOR ASSY (2AZ-FE)

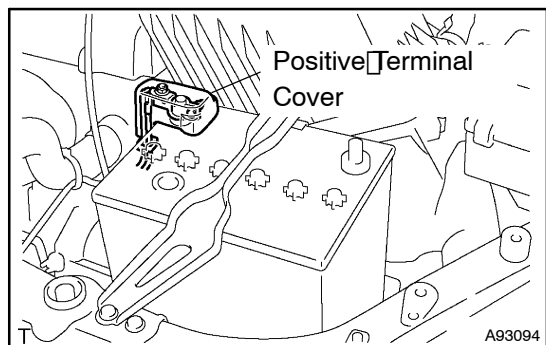
Removal & Installation and Disassembly & Reassembly

160VR-01

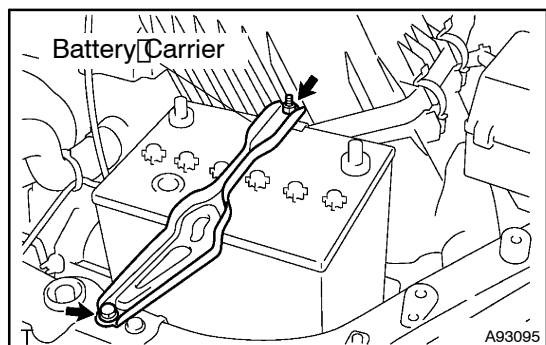
1. DRAIN COOLANT (See page 16-1)

2. REMOVE BATTERY

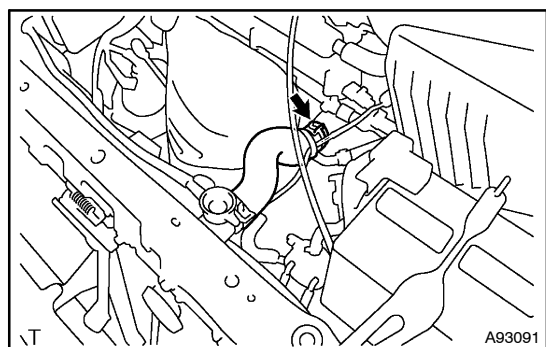
- (a) Loosen the bolt, then disconnect the negative terminal.



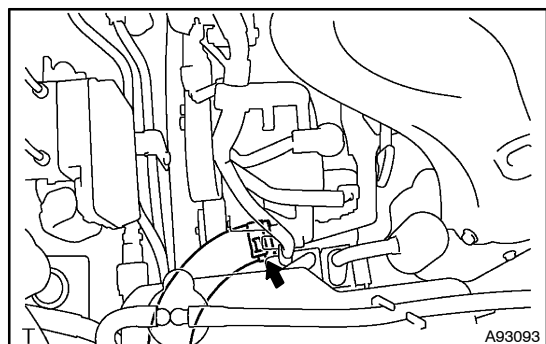
- (b) Remove the positive terminal cover.
(c) Remove the nut, then disconnect the positive terminal.



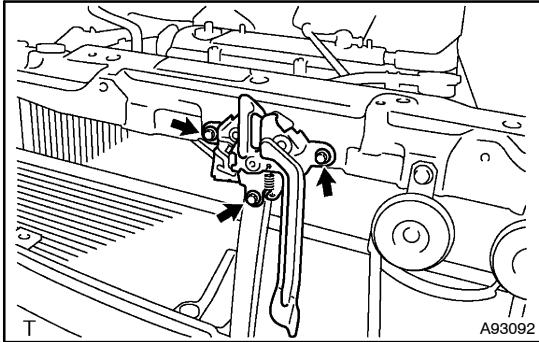
- (d) Remove the bolt from the battery carrier.
(e) Loosen the nut, then remove the battery carrier.



3. DISCONNECT RADIATOR HOSE INLET

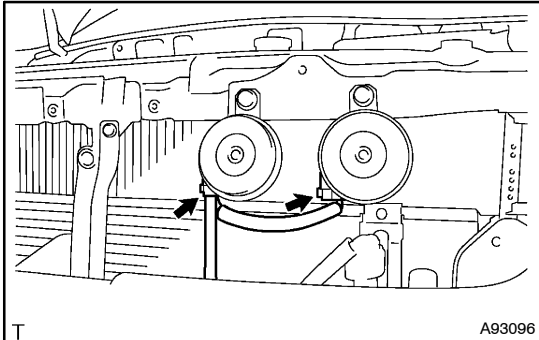


4. DISCONNECT RADIATOR HOSE OUTLET



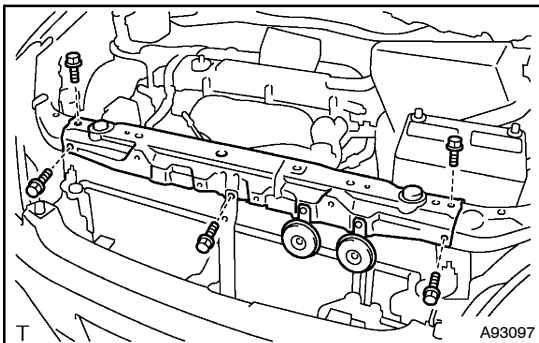
5. REMOVE HOOD LOCK ASSY

- (a) Remove the 3 bolts, then separate the hood lock.
- (b) Separate the cable, then remove the hood lock.

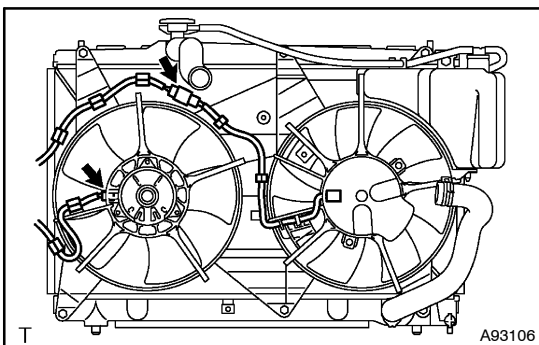


6. REMOVE RADIATOR SUPPORT SUB-ASSY UPPER

- (a) Disconnect the 2 connectors from the horns.

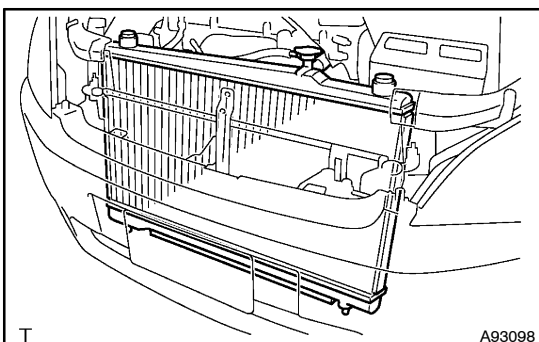


- (b) Remove the 5 bolts, then remove the radiator support upper.

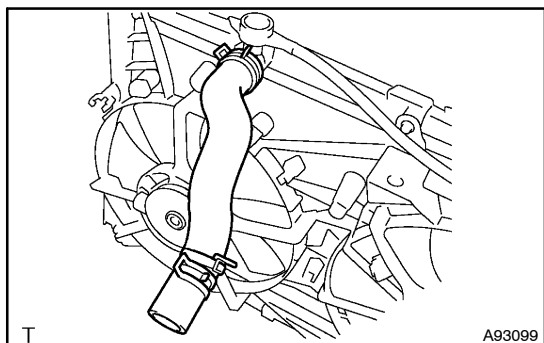
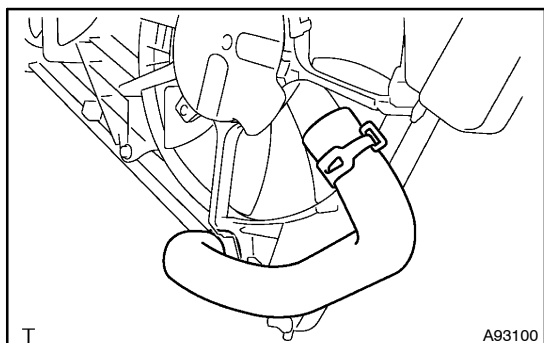
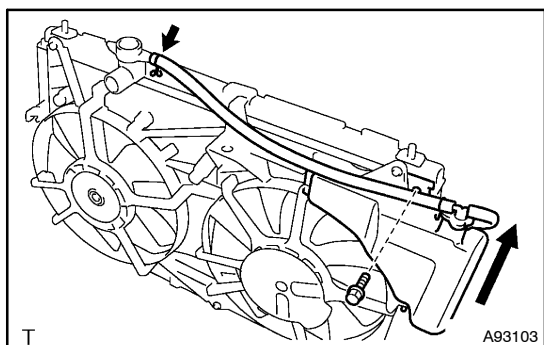


7. REMOVE RADIATOR ASSY

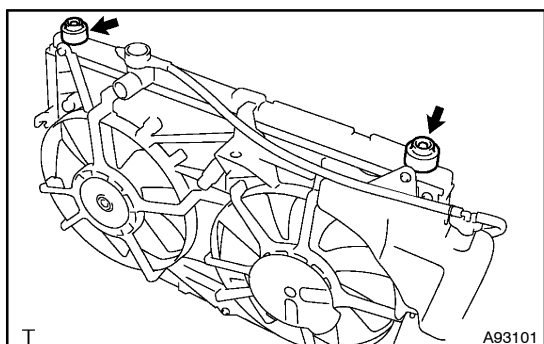
- (a) Disconnect the 2 connectors from the fan motors.



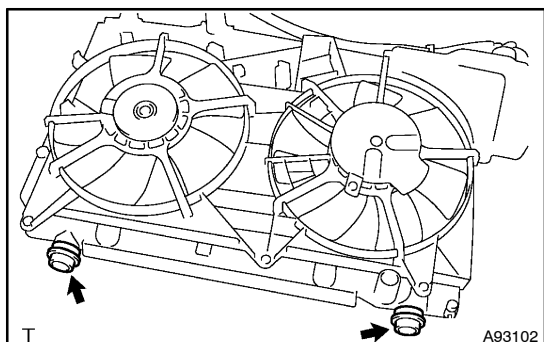
- (b) Remove the radiator from the vehicle.

**8. REMOVE RADIATOR HOSE INLET****9. REMOVE RADIATOR HOSE OUTLET****10. REMOVE RADIATOR RESERVE TANK ASSY**

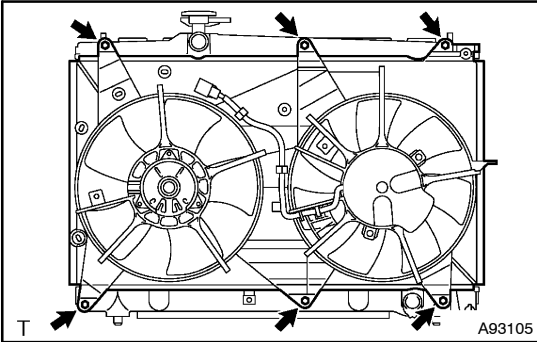
- (a) Disconnect the hose from the radiator.
- (b) Remove the bolt from the radiator reserve tank.
- (c) Remove the radiator reserve tank while moving it upward.

**11. REMOVE SUB-RADIATOR SUPPORT CUSHION**

- (a) Remove the 2 sub-radiator support cushions.

**12. REMOVE RADIATOR SUPPORT LOWER**

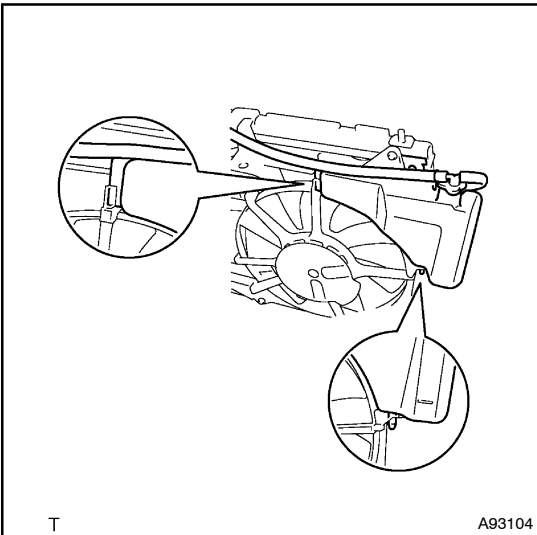
- (a) Remove the 2 radiator support lowers.

**13. REMOVE FAN ASSY W/MOTOR**

- (a) Remove the 6 bolts, then remove the fan with motor.

14. INSTALL FAN ASSY W/MOTOR

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

15. INSTALL RADIATOR SUPPORT LOWER**16. INSTALL SUB-RADIATOR SUPPORT CUSHION****17. INSTALL RADIATOR RESERVE TANK ASSY**

- (a) Align the 2 positions of claws as shown in the illustration, then temporarily install the the radiator reserve tank.
 (b) Install the radiator reserve tank with the bolt.
Torque: 5.0 N·m (51 kgf·cm, 44 in·lbf)
 (c) Connect the radiator reserve tank hose to the radiator.

18. INSTALL RADIATOR HOSE OUTLET

- (a) Install the radiator hose outlet to the radiator.

19. INSTALL RADIATOR HOSE INLET

- (a) Install the radiator hose inlet to the radiator.

20. INSTALL RADIATOR ASSY

- (a) Temporarily install the radiator on the front frame of the vehicle.
 (b) Connect the 2 connectors to the fan with motor.

21. INSTALL RADIATOR SUPPORT SUB-ASSY UPPER

- (a) Install the radiator support upper, with the 5 bolts.

Torque: 7.0 N·m (71 kgf·cm, 62 in·lbf)

22. INSTALL HOOD LOCK ASSY

- (a) Temporary tighten the hood lock with the 3 bolts.

23. CONNECT RADIATOR HOSE OUTLET**24. CONNECT RADIATOR HOSE INLET****25. INSTALL BATTERY**

- (a) Install the battery carrier with the bolt and nut.

Torque:

5.0 N·m (51 kgf·cm, 44 in·lbf) for Bolt

3.5 N·m (36 kgf·cm, 31 in·lbf) for Nut

- (b) Install the positive terminal with the nut.
Torque: 13 N·m (130 kgf·cm, 9.4 ft·lbf)
- (c) Install the negative terminal with the bolt.
Torque: 3.9 N·m (40 kgf·cm, 35 in.·lbf)
26. ADD COOLANT (See page 16-7)
27. CHECK FOR ENGINE COOLANT LEAKS (See page 16-1)
28. ADJUST HOOD SUB-ASSY (See Pub. No. RM864E on page 75-1)