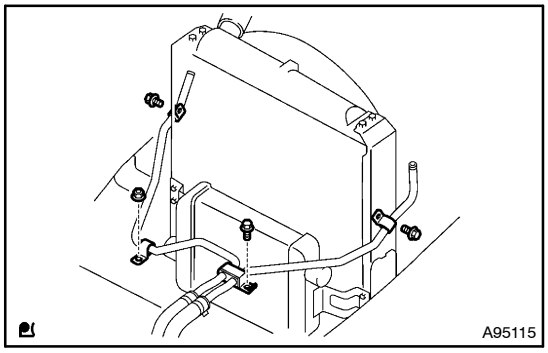
160X3–01

REPLACEMENT

1. DRAIN ENGINE COOLANT (See page 16–3)
2. REMOVE ENGINE SIDE COVER RH
3. REMOVE ENGINE SIDE COVER LH
4. DISCONNECT RADIATOR HOSE INLET
5. DISCONNECT RADIATOR HOSE OUTLET
6. DISCONNECT RADIATOR RESERVE TANK ASSY
7. DISCONNECT RADIATOR HOSE NO. 5
8. DISCONNECT HEATER INLET WATER HOSE
9. DISCONNECT HEATER OUTLET HOSE B
10. REMOVE A/C COMPRESSOR V BELT (See page 14–4)
11. REMOVE FAN AND GENERATOR V BELT
(a) Stretch the belt tight and loosen the 4 pulley set nuts.
(b) Remove the V belt.
12. REMOVE FAN
(a) Remove the 4 nuts and fan.
13. REMOVE FAN PULLEY
14. DISCONNECT AIR HOSE NO. 1
15. DISCONNECT AIR HOSE NO. 2
16. REMOVE INTAKE AIR CONNECTOR PIPE
(a) Disconnect the IAT sensor and vacuum sensor connectors.
(b) Loosen the hose clamp.
(c) Remove the 2 bolts and pipe.
17. REMOVE CHARGE AIR COOLER ASSY
(a) Remove the 4 bolts and cooler.
18. REMOVE CONDENSER ASSY W/RECEIVER
(a) Remove the 4 bolts and condenser.

HINT:
Do not disconnect the cooler hose. Hang up the condenser with a rope so that the radiator can be removed.

19. REMOVE RADIATOR SUPPORT NO.1



20. REMOVE RADIATOR ASSY
(a) Remove the 4 bolts, 4 clamps and heater pipe as shown in the illustration.
(b) Remove the 3 bolts, nut and radiator.

21. REMOVE RADIATOR SUPPORT NO.2
(a) Remove the 2 bolts and support.
22. REMOVE FAN SHROUD
(a) Remove the 4 bolts and shroud.

23. REMOVE RADIATOR BRACKET NO.3
(a) Remove the 3 bolts and bracket.
24. REMOVE SUPPORT SEAL NO. 1
25. INSTALL SUPPORT SEAL NO. 1
26. INSTALL RADIATOR BRACKET NO.3
(a) Install the bracket with the 3 bolts.
Torque: 18 N·m (184 kgf·cm, 13 ft·lbf)
27. INSTALL FAN SHROUD
(a) Install the shroud with the 4 bolts.
Torque: 5.0 N·m (51 kgf·cm, 44 in.·lbf)
28. INSTALL RADIATOR SUPPORT NO.2
(a) Install the support with the 2 bolts.
Torque: 7.5 N·m (77 kgf·cm, 66 in.·lbf)
29. INSTALL RADIATOR ASSY
(a) Install the radiator with the 3 bolts and nut.
Torque: 18 N·m (184 kgf·cm, 13 ft·lbf)
(b) Install the heater pipe with the 4 blots and 4 clamps.
Torque: 19.5 N·m (199 kgf·cm, 14 ft·lbf)
30. INSTALL RADIATOR SUPPORT NO.1
(a) Install the support with the 2 bolts.
Torque: 7.5 N·m (77 kgf·cm, 66 in.·lbf)
31. INSTALL CONDENSER ASSY W/RECEIVER
(a) Install the condenser with the 4 bolts.
Torque: 7.5 N·m (77 kgf·cm, 66 in.·lbf)
32. INSTALL CHARGE AIR COOLER ASSY
(a) Install the cooler with the 4 bolts.
Torque: 7.5 N·m (77 kgf·cm, 66 in.·lbf)
33. INSTALL INTAKE AIR CONNECTOR PIPE
(a) Install the pipe with the 2 bolts.
Torque: 18 N·m (184 kgf·cm, 13 ft·lbf)
(b) Install the hose clamp.
(c) Connect the IAT sensor and vacuum sensor connectors.
34. CONNECT AIR HOSE NO. 2
35. CONNECT AIR HOSE NO. 1
36. INSTALL FAN PULLEY
37. INSTALL FAN
(a) Temporarily install the fan with the 4 nuts.
38. INSTALL FAN AND GENERATOR V BELT
(a) Install the V belt.
(b) Stretch the belt tight and install the 4 nuts.
Torque: 28.5 N·m (291 kgf·cm, 21 ft·lbf)
39. INSTALL A/C COMPRESSOR V BELT (See page 14–4)
40. INSPECT DRIVE BELT DEFLECTION AND TENSION (See page 14–1)
41. CONNECT HEATER OUTLET HOSE B
42. CONNECT HEATER INLET WATER HOSE
43. CONNECT RADIATOR HOSE NO. 5
44. CONNECT RADIATOR RESERVE TANK ASSY
45. CONNECT RADIATOR HOSE OUTLET
46. CONNECT RADIATOR HOSE INLET
47. ADD ENGINE COOLANT (See page 16–3)

48. CHECK FOR ENGINE COOLANT LEAKS (See page 16–1)
49. INSTALL ENGINE SIDE COVER RH
50. INSTALL ENGINE SIDE COVER LH