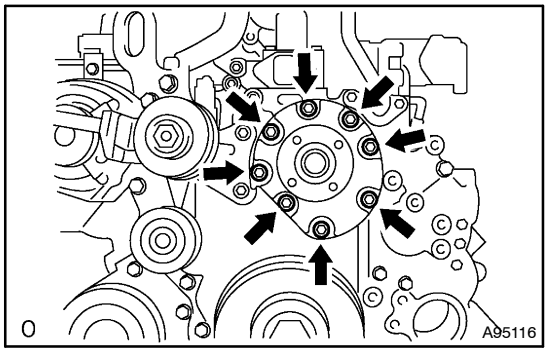
WATER PUMP ASSY (N04C–TF)

160X0–01

REPLACEMENT

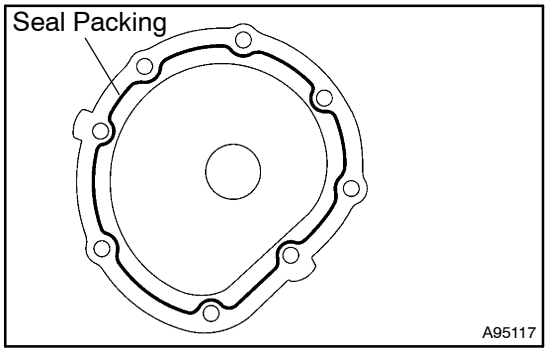
1. DRAIN ENGINE COOLANT (See page 16–3)
2. REMOVE ENGINE SIDE COVER RH
3. REMOVE ENGINE SIDE COVER LH
4. DISCONNECT RADIATOR HOSE INLET
5. DISCONNECT RADIATOR RESERVE TANK ASSY
6. DISCONNECT RADIATOR HOSE NO. 5
7. REMOVE A/C COMPRESSOR V BELT (See page 14–4)
8. REMOVE FAN AND GENERATOR V BELT
(a) Stretch the belt tight, and loosen the 4 pulley set nuts.
(b) Remove the V belt.
9. REMOVE FAN
(a) Remove the 4 nuts and fan.
10. REMOVE FAN PULLEY



11. REMOVE WATER PUMP ASSY
(a) Remove the 8 bolts and pump.
12. INSTALL WATER PUMP ASSY
(a) Remove any old packing (FIPG) materials and be careful not to drop any oil on the contact surfaces of the water pump and cylinder block.

HINT:

- Using a razor blade and gasket scraper, remove all the old packing (FIPG) materials from the gasket surfaces and sealing grooves.
- Thoroughly clean all components to remove all loose material.
- Using a non–residue solvent, clean both sealing surfaces.



(b) Apply seal packing to the water pump as shown in the illustration.
Seal packing: Part No. 08826–00080 or equivalent

NOTICE:

- **Remove any oil from the contact surface.**
- **Apply seal packing to the inner side of the oil holes.**
- **Install the water pump within 3 minutes after applying seal packing.**
- **Do not expose the seal to engine oil for at least 2 hours after installing the water pump.**

(c) Install the pump with the 8 bolts.
Torque: 28.5 N·m (291 kgf·cm, 21 ft·lbf)

13. INSTALL FAN PULLEY
14. INSTALL FAN
(a) Temporarily install the fan with the 4 nuts.

15. INSTALL FAN AND GENERATOR V BELT

(a) Install the V belt.

(b) Stretch the belt tight and tighten the 4 nuts.

Torque: 28.5 N·m (291 kgf·cm, 21 ft·lbf)

16. INSTALL A/C COMPRESSOR V BELT (See page 14–4)

17. INSPECT DRIVE BELT DEFLECTION AND TENSION (See page 14–1)

18. CONNECT RADIATOR HOSE NO. 5

19. CONNECT RADIATOR RESERVE TANK ASSY

20. CONNECT RADIATOR HOSE INLET

21. ADD ENGINE COOLANT (See page 16–3)

22. CHECK FOR ENGINE COOLANT LEAKS (See page 16–1)

23. INSTALL ENGINE SIDE COVER RH

24. INSTALL ENGINE SIDE COVER LH