160G4–02

REPLACEMENT

1. DRAIN ENGINE COOLANT

2. DISCONNECT RADIATOR HOSE INLET

3. DISCONNECT RADIATOR HOSE OUTLET

4. REMOVE FAN

(a) Stretch the belt tight, and loosen the 4 pump pulley set nuts.

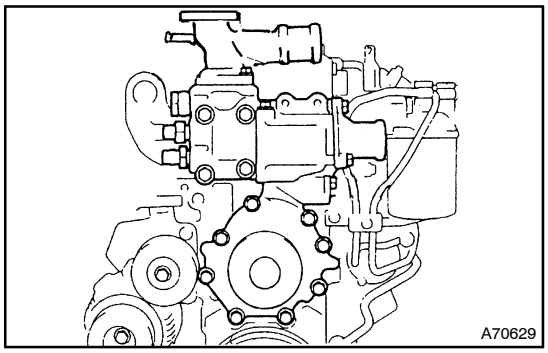
(b) Remove the drive belt.

(c) Remove the 4 nuts, pump pulley and fan spacer.

(d) Remove the 4 nuts holding the fan with coupling.

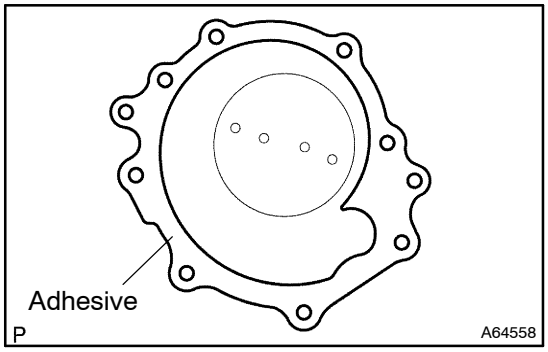
5. REMOVE WATER OUTLET HOUSING

(a) Remove the 6 bolts and water outlet housing.



6. REMOVE WATER PUMP ASSY

(a) Remove the 8 bolts and water pump.

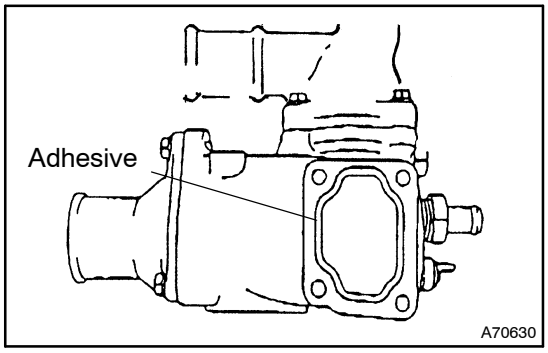


7. INSTALL WATER PUMP ASSY

(a) Apply seal packing to the illustrated position, and then adjust the knock pin of the cylinder block to install the water pump.

Adhesive:
Part No. 08833–00080, THREE BOND 1344, LOCTITE 242 or equivalent

NOTICE:
Clean the installation surface.

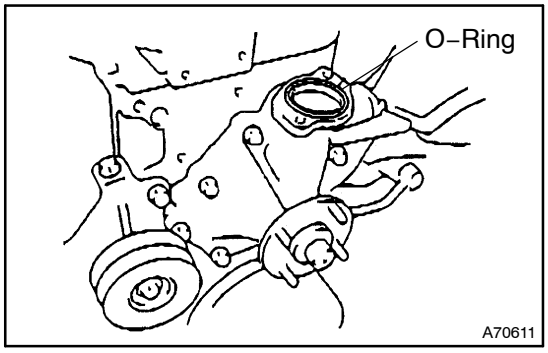


8. INSTALL WATER OUTLET HOUSING

(a) Apply seal packing to the illustrated position.

Adhesive:
Part No. 08833–00080, THREE BOND 1344, LOCTITE 242 or equivalent

NOTICE:
Clean the installation surface.



(b) Connect the water hoses, and install a new O–ring into the groove on the upper surface of the water pump.
(c) Install the water outlet housing temporarily with the 6 bolts.
(d) Tighten the 4 bolts completely placed on the cylinder head side.
Torque: 28.5 N·m (290 kgf·cm, 21 ft·lbf)
(e) Tighten the 2 bolts completely placed on the water pump side.
Torque: 55 N·m (560 kgf·cm, 40 ft·lbf)
(f) Connect the 2 water hoses.

9. INSTALL FAN
(a) Install the fan pulley and fan spacer temporarily with the 4 nuts.
(b) Install the V belt.
(c) Holding the V belt, tighten the 4 bolt completely to install the fan pulley and fan spacer properly.
Torque: 28.5 N·m (290 kgf·cm, 21 ft·lbf)
(d) Install the fan with the 4 bolts.
Torque: 19 N·m (194 kgf·cm, 14 ft·lbf)
10. REFILL ENGINE COOLANT
11. CHECK FOR ENGINE COOLANT LEAKS