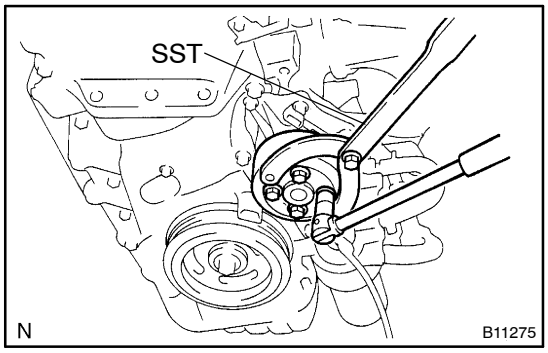
WATER PUMP ASSY (1AZ–FE)

1609M–01

REPLACEMENT

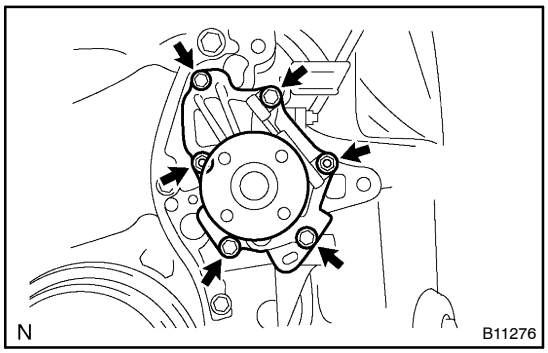
1. **DRAIN COOLANT (See page 16–6)**
2. **REMOVE FAN AND GENERATOR V BELT (See page 14–5)**
   SST 09249–63010
3. **REMOVE GENERATOR ASSY (See page 19–7)**



4. **REMOVE WATER PUMP PULLEY**

(a) Using SST, remove 4 bolts and pump pulley.
SST 09960–10010 (09962–01000, 09963–00700)

(b) Disconnect the crankshaft position sensor wire harness clamp.

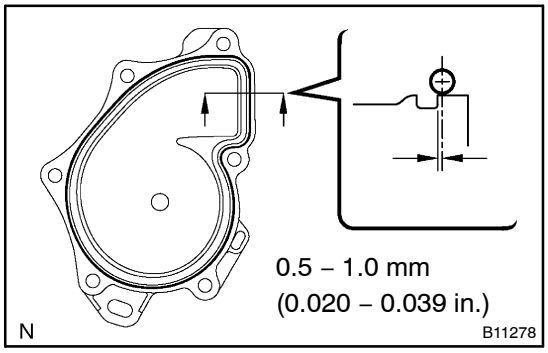


5. **REMOVE WATER PUMP ASSY**

(a) Remove 4 bolts, 2 nuts, bracket and water pump.

6. **INSTALL WATER PUMP ASSY**

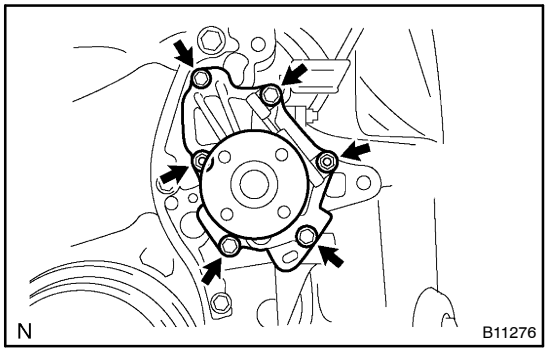
(a) Remove any old packing(FIPG) material from the contact surface.



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

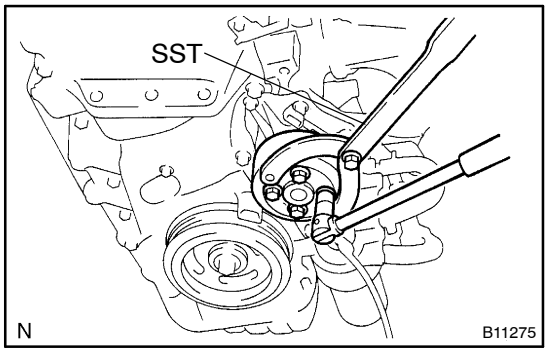
NOTICE:

- **Remove any oil from the contact surface.**
- **install the water pump within 5 minutes after applying.**
- **Do not put into engine oil within 2 hours after installing.**



(c) Install the water pump and bracket with 4 bolts and 2 nuts.
Torque: 9.0 N·m (92 kgf·cm, 80 in.·lbf)

(d) Connect the crankshaft position sensor wire harness clamp.



7. INSTALL WATER PUMP PULLEY

(a) Using SST, install the pump pulley with 4 bolts.
SST 09960–10010 (09962–01000, 09963–00700)
Torque: 26 N·m (265 kgf·cm, 19 ft·lbf)

8. INSTALL GENERATOR ASSY
(See page 19–7)

9. INSTALL FAN AND GENERATOR V BELT
(See page 14–5)
SST 09249–63010

10. ADD COOLANT (See page 16–6)

11. INSPECT CHECK ENGINE COOLANT LEAK (See page 16–1)