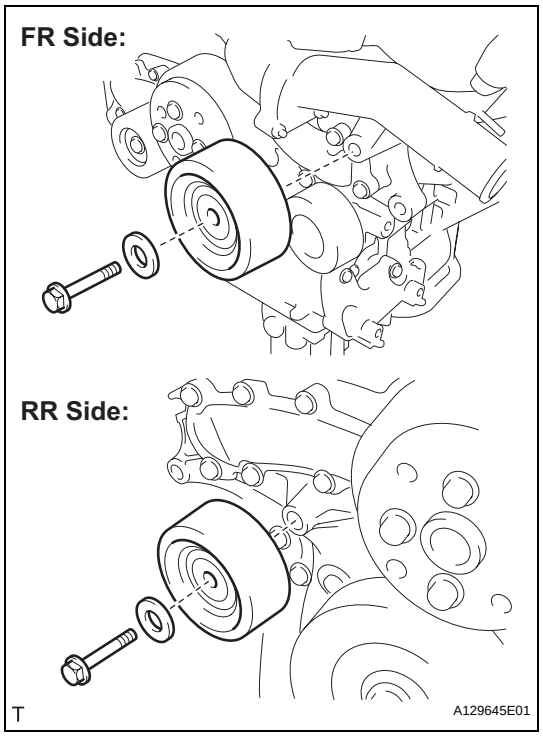
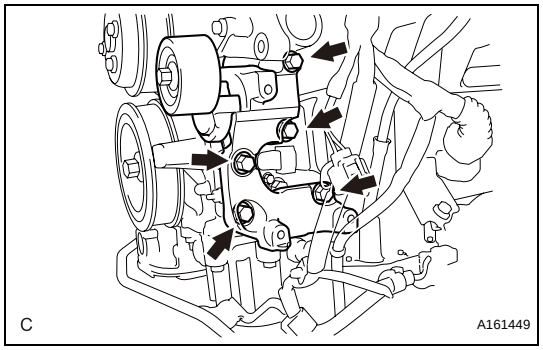
REMOVAL

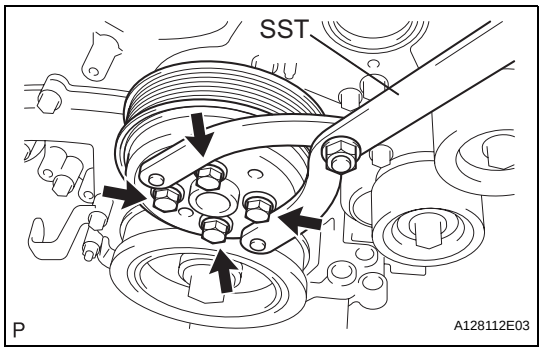
1. **REMOVE ENGINE ASSEMBLY WITH TRANSAXLE**
   HINT:
   See page EM-26
2. **SECURE ENGINE (See page EM-37)**
3. **REMOVE GENERATOR ASSEMBLY (See page CH-17)**
4. **REMOVE COMPRESSOR AND MAGNETIC CLUTCH (See page AC-227)**
5. **REMOVE NO. 1 ENGINE FRONT MOUNTING BRACKET LH (See page EM-42)**
6. **REMOVE NO. 2 IDLER PULLEY SUB-ASSEMBLY**
   (a) Remove the 2 bolts, 2 idler pulley cover plates and 2 idler pulley sub-assemblies.





7. **REMOVE V-RIBBED BELT TENSIONER ASSEMBLY**
   (a) Remove the 5 bolts and V-ribbed belt tensioner assembly.

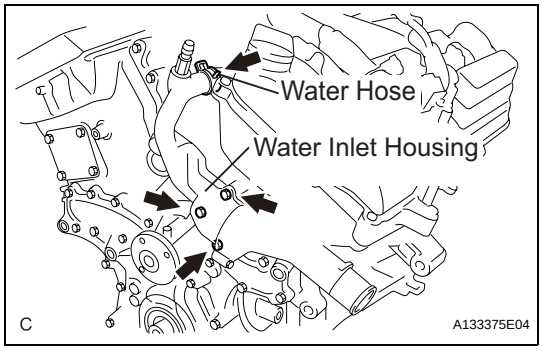
CO



8. REMOVE WATER PUMP PULLEY

(a) Using SST, hold the water pump pulley.
SST 09960-10010 (09962-01000, 09963-00700)

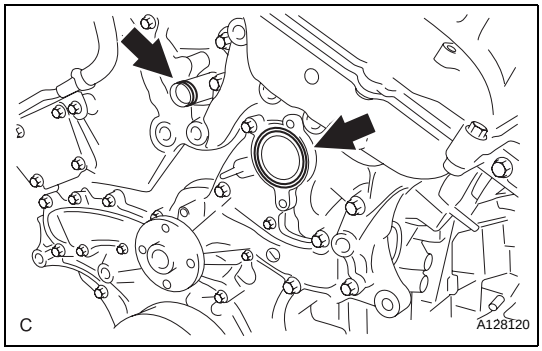
(b) Remove the 4 bolts and water pump pulley.



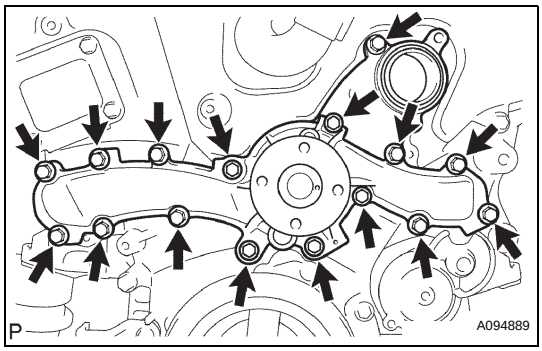
9. REMOVE WATER INLET HOUSING

(a) Disconnect the water hose.

(b) Remove the 2 bolts, nut and water inlet housing.

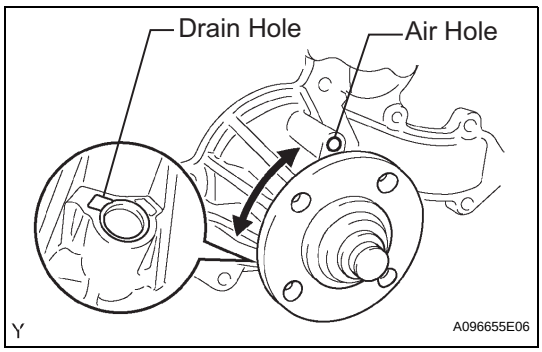


(c) Remove the water inlet housing gasket and water outlet pipe O-ring.



10. REMOVE WATER PUMP ASSEMBLY

(a) Remove the 16 bolts, water pump assembly and water pump gasket.



INSPECTION

1. INSPECT WATER PUMP ASSEMBLY

(a) Visually check the drain hole and air hole for coolant leakage.

(b) Turn the pulley, and check that the water pump bearing moves smoothly and noiselessly.
If the bearing does not move smoothly and noiselessly, replace the water pump.