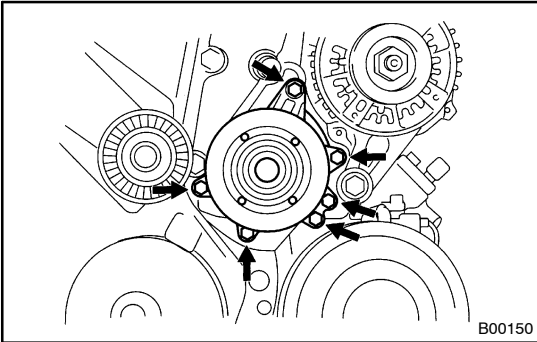


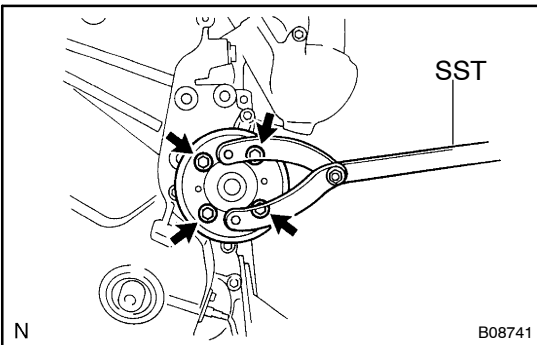
REMOVAL

1. REMOVE RH ENGINE UNDER COVER
2. DRAIN ENGINE COOLANT
3. REMOVE DRIVE BELT ([See page CH-5](#))



4. 1ZZ-FE: REMOVE WATER PUMP

- (a) Remove the 6 bolts, water pump and O-ring.
- (b) Clean up the engine coolant from the water chamber room.



5. 2ZZ-GE: REMOVE WATER PUMP

- (a) Using SST, remove the 4 water pump pulley set bolts.
SST 09960-10010 (09962-01000, 09963-00600)
- (b) Remove the water pump pulley.
- (c) Remove the 6 bolts, water pump and O-ring.
- (d) Clean up the engine coolant from the water chamber room.

NOTICE:

Do not remove the RH engine mounting bracket and alternator when the water pump alone is replaced.