

REMOVAL

1. DRAIN ENGINE COOLANT (See page [CO-7](#))
2. REMOVE FRONT WHEEL RH
3. REMOVE FR WIPER ARM RH
4. REMOVE FR WIPER ARM LH
5. REMOVE COWL TOP VENTILATOR LOUVER SUB-ASSEMBLY
6. REMOVE WINDSHIELD WIPER LINK ASSEMBLY
7. REMOVE COWL TOP PANEL SUB-ASSEMBLY OUTER (See page [FU-10](#))
8. REMOVE ENGINE UNDER COVER ASSEMBLY
9. REMOVE ENGINE UNDER COVER NO.1
10. REMOVE FRONT FENDER APRON SEAL RH (See page [ES-368](#))
11. REMOVE V (COOLER COMPRESSOR TO CRANKSHAFT PULLEY) BELT NO.1
 - (a) Remove the V (cooler compressor to crankshaft pulley) belt No. 1 (See page [EM-6](#)).
12. REMOVE VANE PUMP V BELT
 - (a) Remove vane pump V belt (See page [EM-6](#)).
13. REMOVE ENGINE MOVING CONTROL ROD
 - (a) Remove engine moving control rod (See page [EM-22](#)).
14. REMOVE ENGINE MOUNTING STAY NO.2 RH
 - (a) Remove engine mounting stay No. 2 RH (See page [EM-22](#)).
15. REMOVE GENERATOR BRACKET NO.2
 - (a) Remove generator bracket No. 2 (See page [EM-22](#)).
16. REMOVE CRANKSHAFT PULLEY
 - (a) Remove crankshaft pulley (See page [EM-22](#)).
SST 09213-54015 (91651-60855), 09330-00021,
09950-50013 (09951-05010, 09952-05010,
09953-05020, 09954-05031)
17. REMOVE TIMING BELT NO.1 COVER
18. REMOVE TIMING BELT NO.2 COVER
 - (a) Remove timing belt No. 2 cover (See page [EM-22](#)).
19. REMOVE ENGINE MOUNTING BRACKET RH
 - (a) Remove engine mounting bracket RH (See page [EM-22](#)).
20. REMOVE TIMING BELT GUIDE NO.2
21. REMOVE TIMING BELT
 - (a) Remove timing belt (See page [EM-22](#)).

22. REMOVE TIMING BELT IDLER SUB-ASSEMBLY NO.2**23. REMOVE CAMSHAFT TIMING PULLEY**

- (a) Remove camshaft timing pulley (See page [EM-39](#)).
SST 09960-10010 (09962-01000, 09963-01000), 09249-63010

24. REMOVE TIMING BELT NO.3 COVER

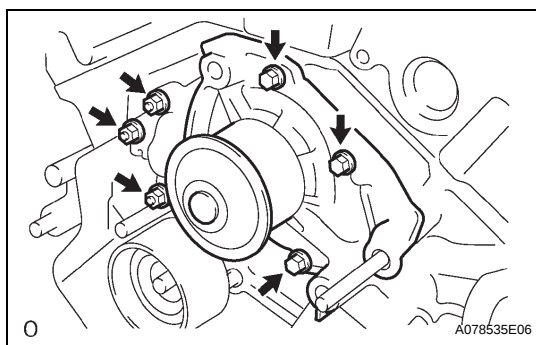
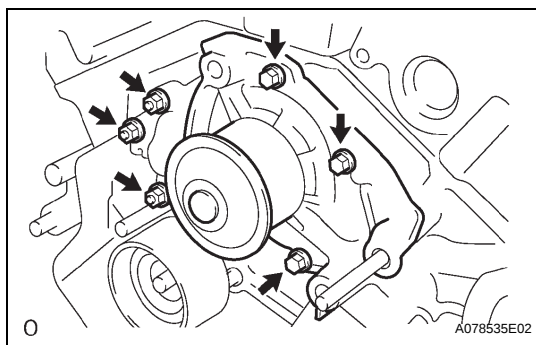
- (a) Remove timing belt No. 3 cover (See page [EM-39](#)).

25. REMOVE TIMING BELT IDLER SUB-ASSEMBLY NO.1

- (a) Using a socket hexagon wrench 10, remove the pivot bolt, timing belt idler No. 1 and plate washer.

26. REMOVE WATER PUMP ASSEMBLY

- (a) Remove the 3 bolts and 3 nuts, then remove the water pump and the gasket.

**INSTALLATION****1. INSTALL WATER PUMP ASSEMBLY**

- (a) Install a new gasket and the water pump with the 3 bolts and 3 nuts.
Torque: 8.0 N*m (82 kgf*cm, 71 in.*lbf)

2. INSTALL TIMING BELT IDLER SUB-ASSEMBLY NO.1

- (a) Using a socket hexagon wrench 10, install the plate washer and timing belt idler No. 1 with the pivot bolt.

3. INSTALL TIMING BELT NO.3 COVER

- (a) Install timing belt No. 3 cover (See page [EM-44](#)).

4. INSTALL CAMSHAFT TIMING PULLEY

- (a) Install camshaft timing pulley (See page [EM-44](#)).
SST 09960-10010 (09962-01000, 09963-01000), 09249-63010

5. INSTALL TIMING BELT IDLER SUB-ASSEMBLY NO.2

- (a) Install timing belt idler sub-assembly No. 2 (See page [EM-44](#)).

6. INSPECT TIMING BELT

- (a) Inspect timing belt (See page [EM-26](#)).

7. INSTALL TIMING BELT

- (a) Install timing belt (See page [EM-26](#)).
SST 09960-10010 (09962-01000, 09963-01000)

8. INSTALL CHAIN TENSIONER ASSEMBLY NO.1

- (a) Install chain tensioner assembly No. 1 (See page [EM-26](#)).

9. INSTALL TIMING BELT GUIDE NO.2

- (a) Install timing belt guide No. 2 (See page [EM-26](#)).