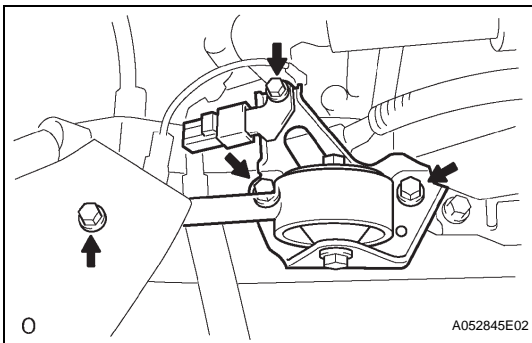
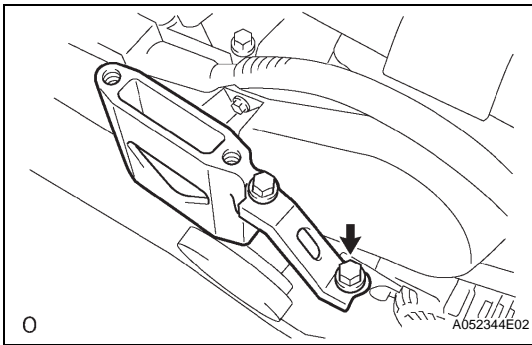


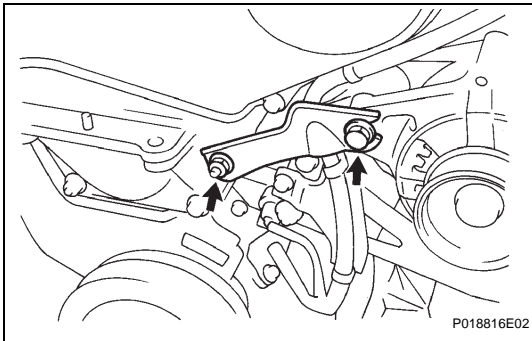
REMOVAL

1. **REMOVE FRONT WHEEL RH**
2. **REMOVE FR WIPER ARM RH**
 - (a) Remove the FR wiper arm RH (See page [WW-37](#)).
3. **REMOVE FR WIPER ARM LH**
 - (a) Remove the FR wiper arm LH (See page [WW-37](#)).
4. **REMOVE COWL TOP VENTILATOR LOUVER SUB-ASSEMBLY**
 - (a) Remove the cowl top ventilator louver sub-assembly (See page [WW-37](#)).
5. **REMOVE WINDSHIELD WIPER LINK ASSEMBLY**
 - (a) Remove the windshield wiper link assembly (See page [WW-37](#)).
6. **REMOVE COWL TOP PANEL SUB-ASSEMBLY OUTER**
 - (a) Remove the cowl top panel sub-assembly (See page [FU-10](#)).
7. **REMOVE ENGINE UNDER COVER ASSEMBLY**
 - (a) w/ engine under cover assembly
8. **REMOVE ENGINE UNDER COVER NO.1**
9. **REMOVE FRONT FENDER APRON SEAL RH**
 - (a) Remove front fender apron seal RH (See page [ES-367](#)).
10. **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](#)).
11. **REMOVE VANE PUMP V BELT**
 - (a) Remove the vane pump V belt (See page [EM-6](#)).
12. **REMOVE ENGINE MOVING CONTROL ROD**
 - (a) Remove the 4 bolts, the engine moving control rod and the bracket.

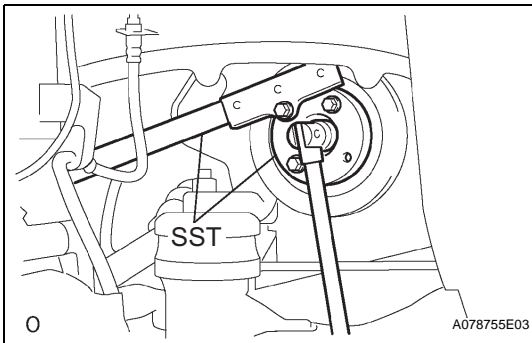


**13. REMOVE ENGINE MOUNTING STAY NO.2 RH**

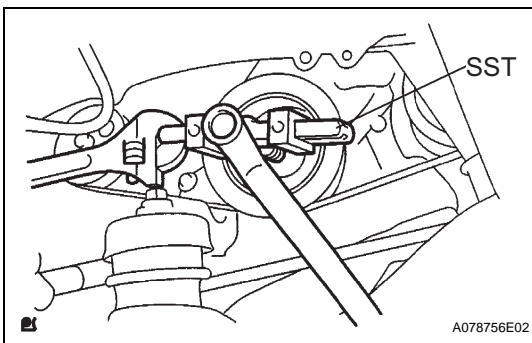
- (a) Remove the bolt, the engine mounting stay No. 2 and the engine mounting bracket No. 2.

**14. REMOVE GENERATOR BRACKET NO.2**

- (a) Remove the nut and the generator bracket.

**15. REMOVE CRANKSHAFT PULLEY**

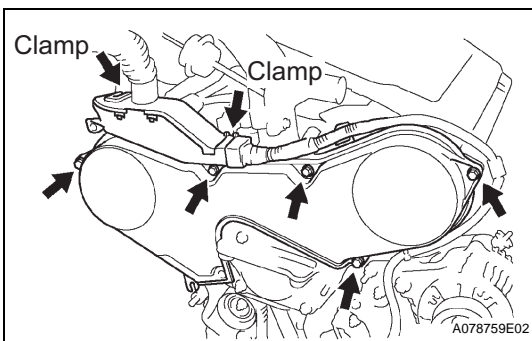
- (a) Using SST, loosen the pulley bolt.
SST 09213-54015 (91651-60855), 09330-00021



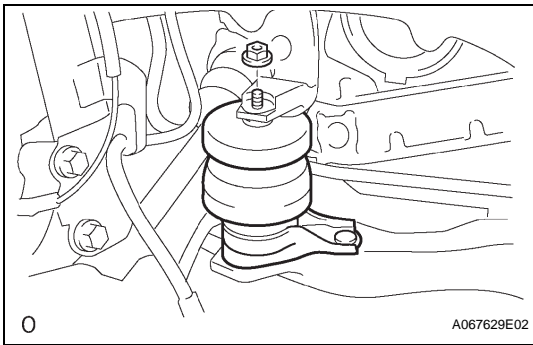
- (b) Using SST and the pulley bolt, remove the pulley.
SST 09950-50013 (09951-05010, 09952-05010, 09953-05020, 09954-05031)

NOTICE:

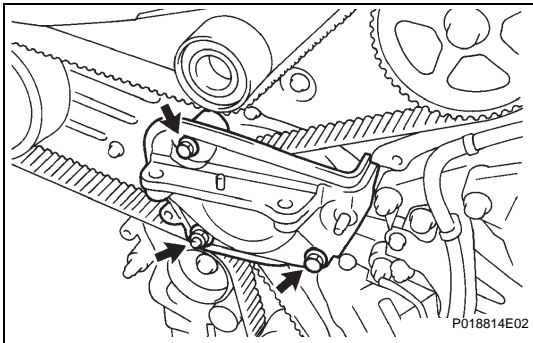
Before using SST, apply lubricating oil on the threads and tip of the center bolt 150.

16. REMOVE TIMING BELT NO.1 COVER**17. REMOVE TIMING BELT NO.2 COVER**

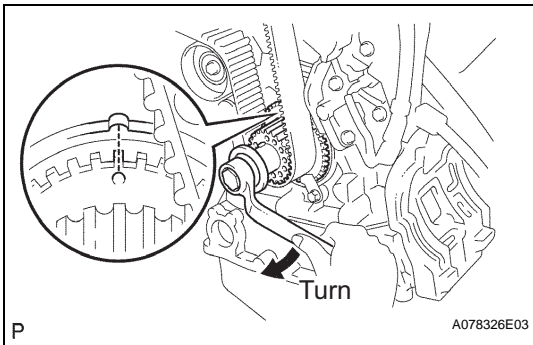
- (a) Disconnect the engine wire protector clamps from the timing belt No. 3 cover.
 (b) Remove the 5 bolts and the timing belt cover.

**18. REMOVE ENGINE MOUNTING BRACKET RH**

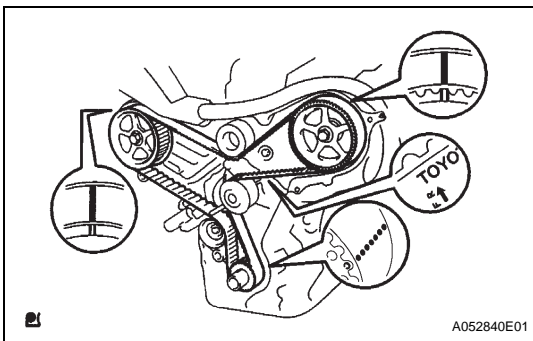
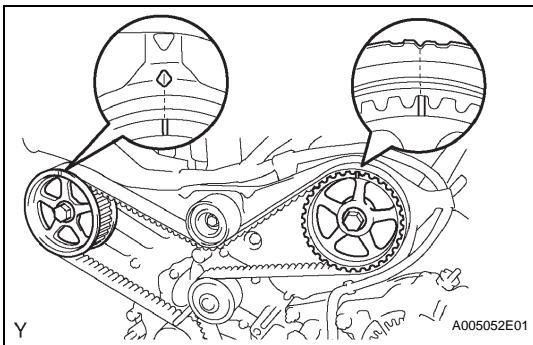
- (a) Remove the nut and separate engine mounting insulator RH.
- (b) Place a wooden block on a jack underneath the engine.



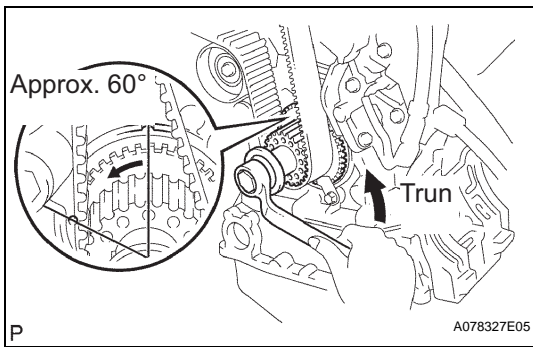
- (c) Jack up and slant the engine, and remove the 2 bolts, nut and engine mounting bracket RH.

19. REMOVE TIMING BELT GUIDE NO.2**20. REMOVE TIMING BELT**

- (a) Set No. 1 cylinder to TDC/compression.
 - (1) Temporarily install the crankshaft pulley bolt and washer to the crankshaft.
 - (2) Turn the crankshaft clockwise, and align the timing mark of the crankshaft timing pulley with the oil pump body.
- (3) Check that the timing marks of the camshaft timing pulleys and No. 3 timing belt cover are aligned. If not, turn the crankshaft 1 revolution (360°).
- (4) Remove the crankshaft pulley bolt.



- (b) If re-using the timing belt, check that there are 3 installation marks on the timing belt as shown in the illustration.
 - (1) If the installation marks have disappeared, put new installation marks on the timing belt before removing.



(c) Set No. 1 cylinder to approximately 60° BTDC/ compression.

(1) Turn the crankshaft counterclockwise by approximately 60°.

NOTICE:

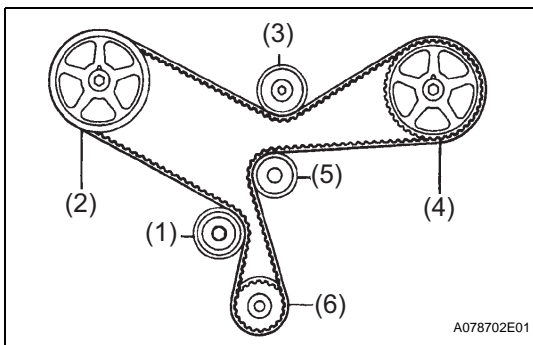
If the timing belt is disengaged, having the crankshaft pulley at the wrong angle can cause the piston head and valve head to come into contact with each other when you remove the camshaft timing pulley and camshaft, causing damage. So always set the crankshaft pulley at the correct angle.

(d) Remove the timing belt tensioner.

NOTICE:

Do not reinstall the tensioner with its plunger extended.

(e) Remove the timing belt in this order.



| | |
|-----|---------------------------|
| 1st | No.1 idler pulley |
| 2nd | RH camshaft timing pulley |
| 3rd | No.2 idler pulley |
| 4th | LH camshaft timing pulley |
| 5th | Water pump pulley |
| 6th | Crankshaft timing pulley |