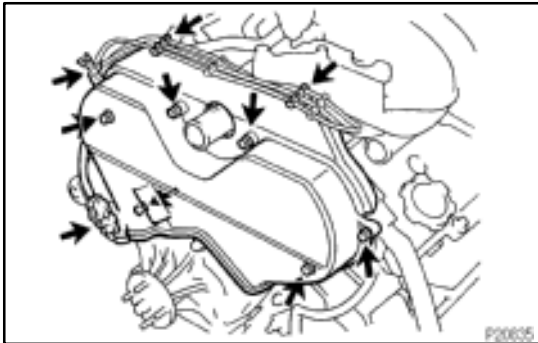
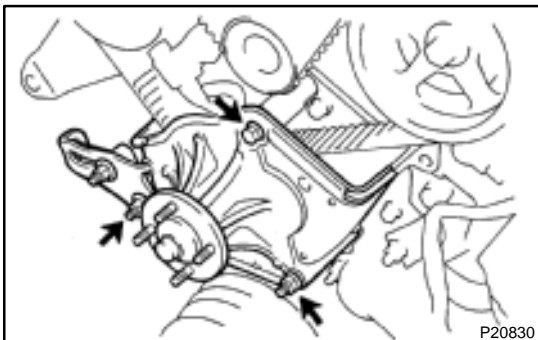


**REMOVAL**

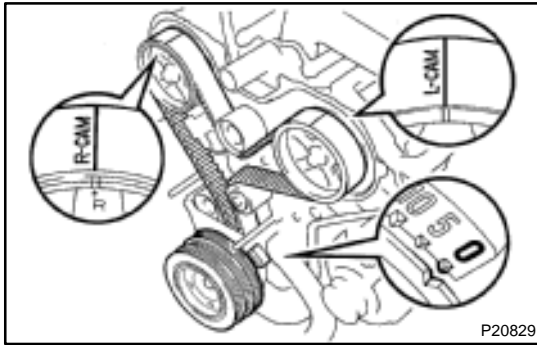
1. **4WD:**  
**REMOVE ENGINE UNDER COVER**
  2. **DRAIN ENGINE COOLANT**
  3. **DISCONNECT UPPER RADIATOR HOSE**
  4. **REMOVE DRIVE BELT FOR PS PUMP**
  5. **w/ A/C:**  
**REMOVE DRIVE BELT FOR A/C COMPRESSOR**
  6. **REMOVE DRIVE BELT FOR GENERATOR**
  7. **REMOVE NO. 2 FAN SHROUD**
  8. **REMOVE FAN WITH FLUID COUPLING AND FAN PULLEYS**
  9. **DISCONNECT PS PUMP FROM ENGINE**
- HINT:  
Put aside the pump, and suspend it.
10. **w/ A/C:**  
**DISCONNECT A/C COMPRESSOR FROM ENGINE**
- HINT:  
Put aside the compressor, and suspend it.
11. **w/ A/C:**  
**REMOVE A/C COMPRESSOR BRACKET**



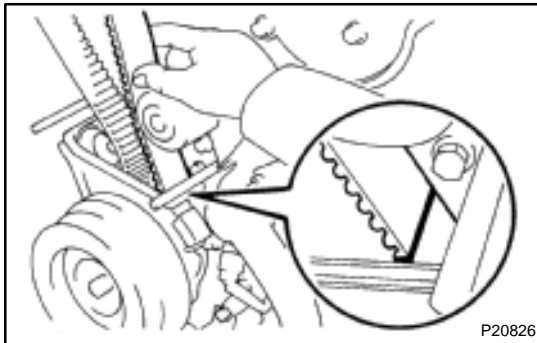
12. **REMOVE NO.2 TIMING BELT COVER**
  - (a) Disconnect the camshaft position sensor connector from the No.2 timing belt cover.
  - (b) Disconnect the 3 high-tension cord clamps from the No.2 timing belt cover.
  - (c) Remove the 6 bolts, and timing belt cover.



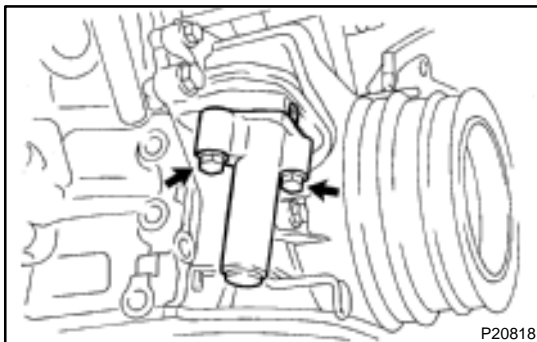
13. **REMOVE FAN BRACKET**
  - (a) Remove the nut and PS pump adjusting strut.
  - (b) Remove the bolt, nut, and fan bracket.

**14. SET NO.1 CYLINDER AT TDC/COMPRESSION**

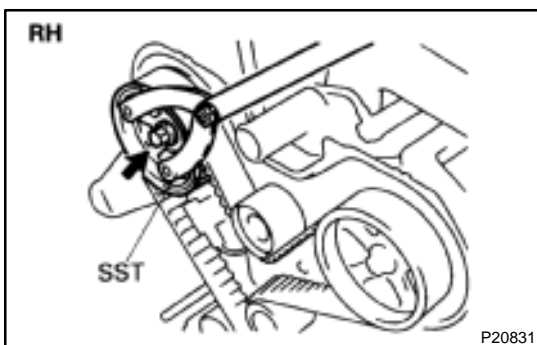
- (a) Turn the crankshaft pulley and align its groove with timing mark "0" of the No.1 timing belt cover.
  - (b) Check that the timing marks of the camshaft timing pulleys and No.3 timing belt cover are aligned.
- If not, turn the crankshaft pulley 1 revolution (360°).

**HINT:**

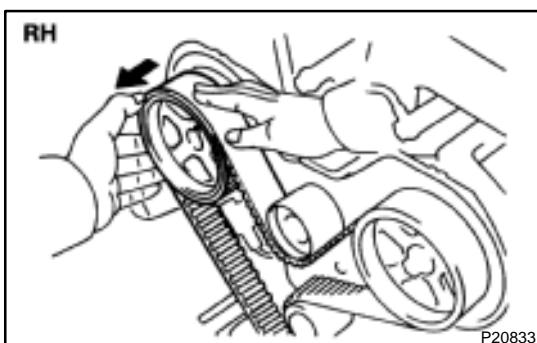
When re-using timing belt: Place the matchmarks on the timing belt and camshaft timing pulleys, and place matchmark on timing belt to match the end of the No.1 timing belt cover.

**15. REMOVE TIMING BELT TENSIONER**

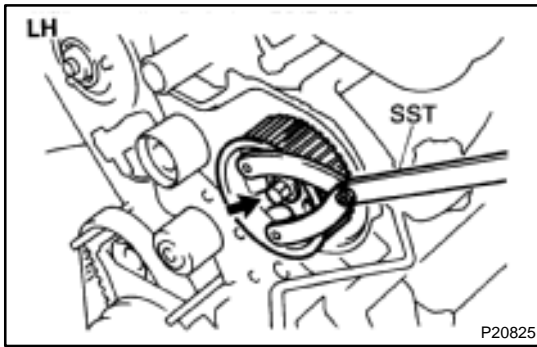
Alternately loosen the 2 bolts, and remove them, the belt tensioner and dust boot.

**16. REMOVE RH CAMSHAFT TIMING PULLEY WITH TIMING BELT**

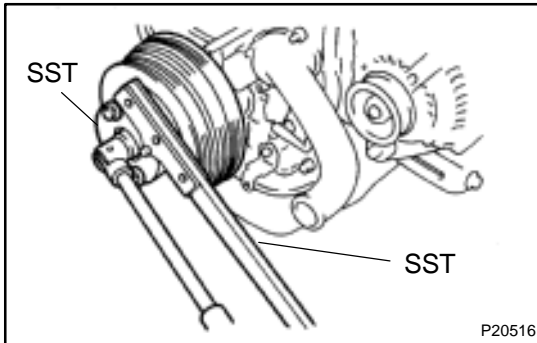
- (a) Using SST, loosen the pulley bolt.  
SST 09960-10010 (09962-01000, 09963-01000)



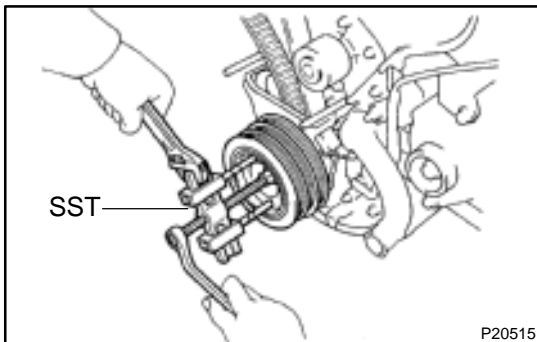
- (b) Remove the bolt, knock pin and camshaft timing pulley with timing belt.

**17. REMOVE LH CAMSHAFT TIMING PULLEY**

- (a) Using SST, loosen the pulley bolt.  
SST 09960-10010 (09962-01000, 09963-01000)
- (b) Remove the bolt, knock pin and camshaft timing pulley.

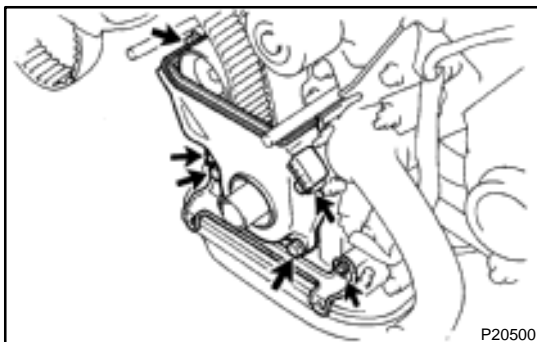
**18. REMOVE CRANKSHAFT PULLEY**

- (a) Using SST, loosen the pulley bolt.  
SST 09213-54015 (90119-08216),  
09330-00021
- (b) Remove the SST, pulley bolt and pulley.

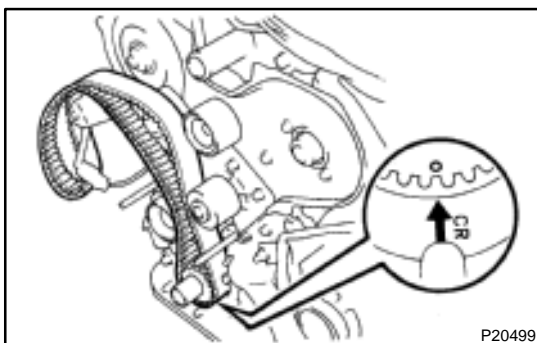
**HINT:**

If necessary, remove the pulley with SST and service bolt.

SST 09950-50010 (09551-05010, 09552-05010,  
09553-05020, 09554-05030)

**19. REMOVE STARTER WIRE BRACKET AND NO.1 TIMING BELT COVER**

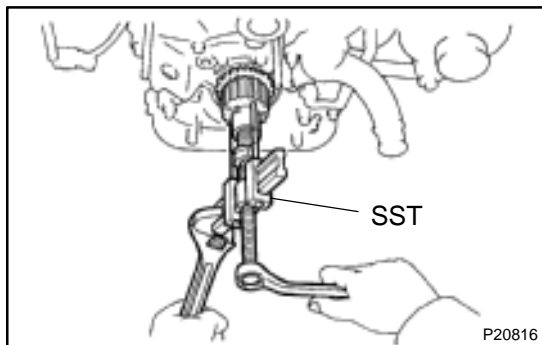
- (a) Remove the 2 bolts, starter wire bracket.
- (b) Remove the 4 bolts, timing belt cover.

**20. REMOVE TIMING BELT GUIDE****21. REMOVE TIMING BELT****HINT:**

When re-using timing belt: If the installation marks have disappeared, place a new installation mark on the timing belt to match the drilled mark of the crankshaft timing pulley.

**22. REMOVE NO.2 IDLER PULLEY AND NO.1 IDLER PULLEY**

- (a) Remove the bolt and No.2 idler pulley.
- (b) Using a 10 mm hexagon wrench, remove the pivot bolt, No.1 idler pulley and plate washer.



### 23. REMOVE CRANKSHAFT TIMING PULLEY

Remove crankshaft timing pulley.

HINT:

If the pulley cannot be removed by hand, use SST and service bolt to remove the crankshaft timing pulley.

SST 09950-50010 (09951-05010, 09952-05010,  
09953-05020, 09954-05010)