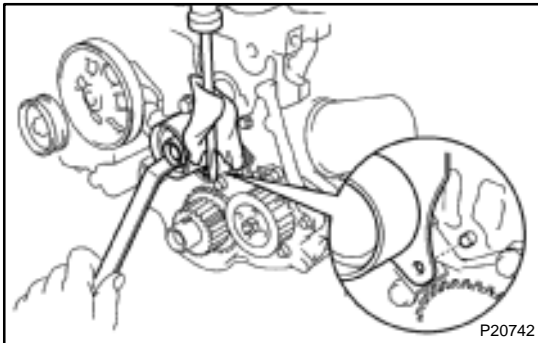


## INSTALLATION

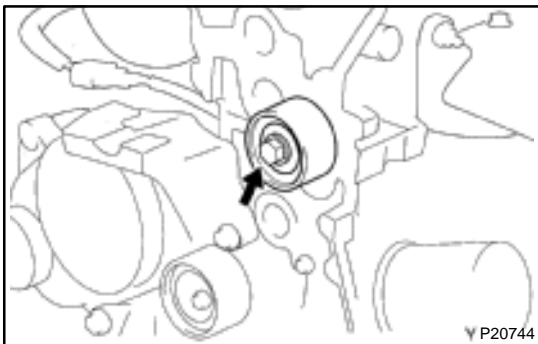
### 1. INSTALL CRANKSHAFT TIMING PULLEY

- Align the pulley set key with the key groove of the pulley.
- Slide on the timing pulley, facing the rotor side of the crankshaft position sensor inward.



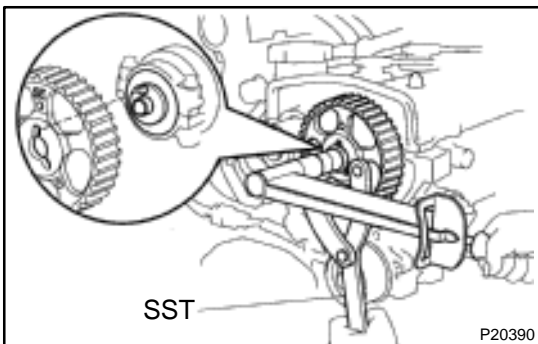
### 2. TEMPORARILY INSTALL NO.1 IDLER PULLEY AND TENSION SPRING

- Install the tension spring to the idler pulley.
- Align the bracket pin hole with the pivot pin.
- Install the idler pulley with the bolt. Do not tighten the bolt yet.
- Pry the idler pulley toward the left as far as it will go and temporarily tighten the bolt.
- Check that the idler pulley moves smoothly.



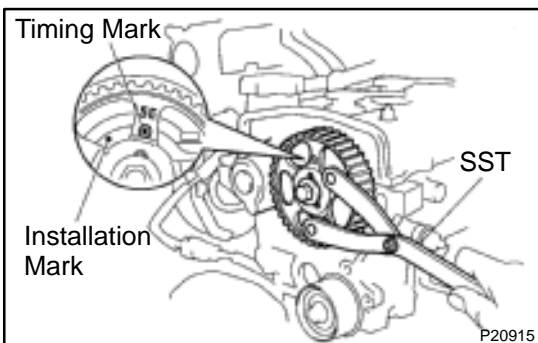
### 3. INSTALL NO.2 IDLER PULLEY

- Install the idler pulley with the bolt.  
**Torque: 28 N·m (280 kgf·cm, 20 ft·lbf)**
- Check that the idler pulley moves smoothly.



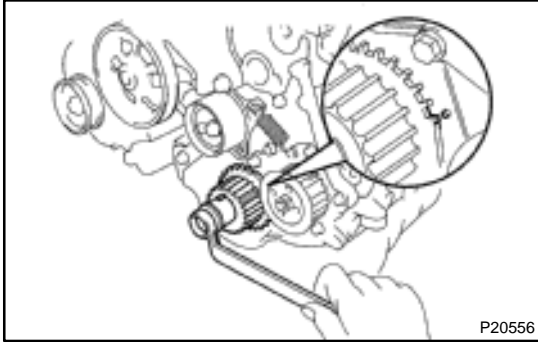
### 4. INSTALL CAMSHAFT TIMING PULLEY

- Align the camshaft knock pin with the knock pin groove on the pulley side with the 5E mark, and slide on the timing pulley.
- Using SST, install the pulley bolt.  
SST 09960-10010 (09962-01000, 09963-01000)  
**Torque: 51 N·m (510 kgf·cm, 37 ft·lbf)**

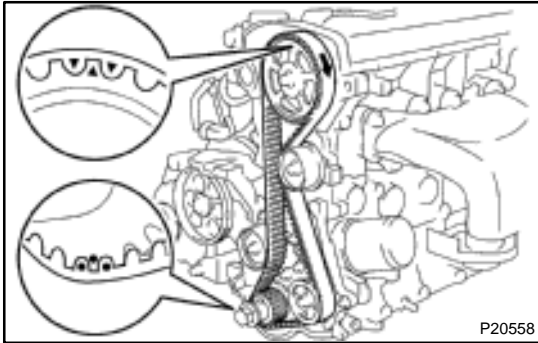


### 5. SET NO.1 CYLINDER TO TDC/COMPRESSION

- Using SST, align the hole of the camshaft timing pulley on the side with the 5E mark with the timing mark of the bearing cap.  
SST 09960-10010 (09962-01000, 09963-01000)



- (b) Using the crankshaft pulley bolt, turn the crankshaft and align the timing marks of the crankshaft timing pulley and oil pump body.



## 6. INSTALL TIMING BELT

### NOTICE:

**The engine should be cold.**

### HINT:

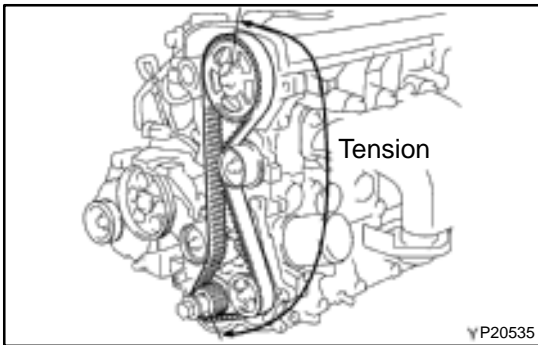
When re-using timing belt:

Align the points marked during removal, and install the belt with the arrow pointing in the direction of engine revolution.

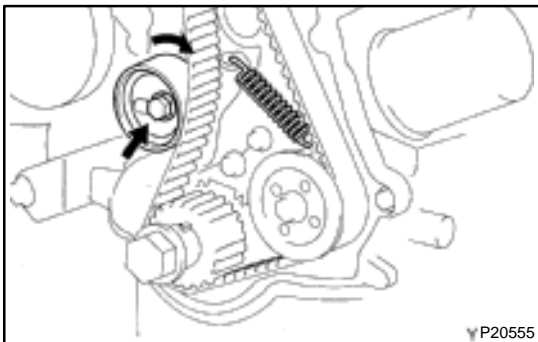
- (a) Remove any oil or water on the pulleys, and keep them clean.

### NOTICE:

**Only wipe the pulleys; do not use any cleansing agent.**

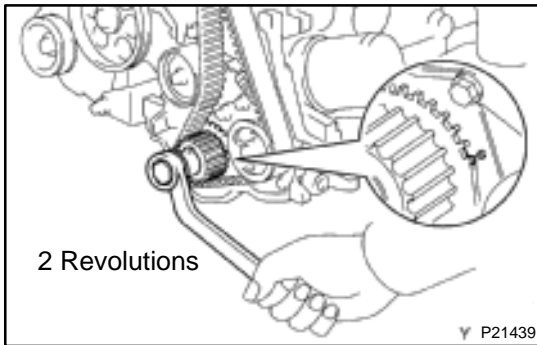


- (b) Install the timing belt, and check the tension between the crankshaft timing pulley and camshaft timing pulley.



## 7. CHECK VALVE TIMING

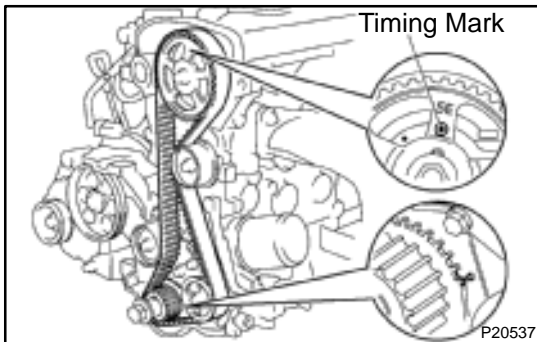
- (a) Loosen the No.1 idler pulley mount bolt, until the pulley is moved slightly by the spring tension.



- (b) Slowly turn the crankshaft pulley 2 revolutions from TDC to TDC.

**NOTICE:**

**Always turn the crankshaft clockwise.**



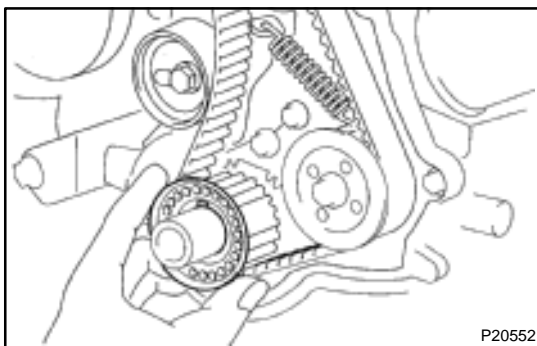
- (c) Check that each pulley aligns with the timing marks as shown in the illustration.

If the timing marks do not align, remove the timing belt and reinstall it.

- (d) Tighten the No.1 idler pulley bolt.

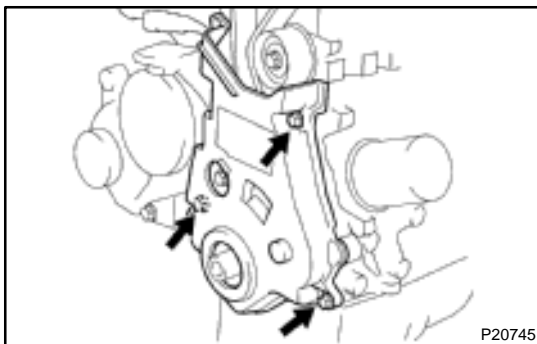
**Torque: 18.5 N·m (185 kgf·cm, 13 ft·lbf)**

- (e) Remove the crankshaft pulley bolt.



**8. INSTALL TIMING BELT GUIDE**

Install the guide, facing the cup side outward.

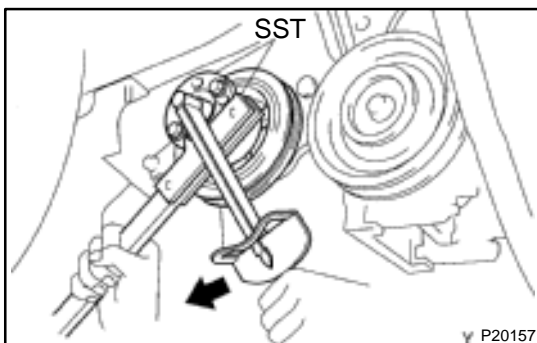


**9. INSTALL NO.1 TIMING BELT COVER**

- (a) Install the gasket to the belt cover.

- (b) Install the belt cover with the 3 bolts.

**10. INSTALL NO.3 TIMING BELT COVER**



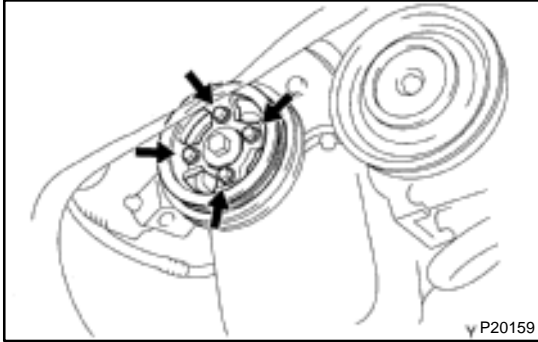
**11. INSTALL CRANKSHAFT PULLEY**

- (a) Align the pulley set key with the key groove of the pulley, and slide on the pulley.

- (b) Using SST, install the pulley bolt.

SST 09213-14010, 09330-00021

**Torque: 155 N·m (1,550 kgf·cm, 112 ft·lbf)**

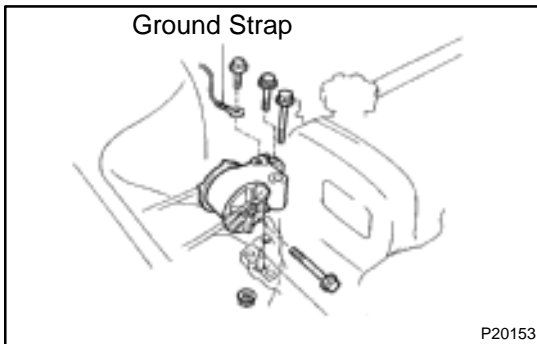
**12. w/ A/C and/or w/ PS:****INSTALL NO.2 CRANKSHAFT PULLEY**

Install the No.2 crankshaft pulley with the 4 bolts.

**Torque: 19 N·m (195 kgf·cm, 14 ft·lbf)**

**13. INSTALL NO.2 TIMING BELT COVER**

- (a) Install the gasket to the belt cover.
- (b) Install the belt cover with the 4 bolts.

**14. INSTALL RH ENGINE MOUNTING INSULATOR**

- (a) Attach the RH mounting insulator to the mounting bracket and body, and temporarily install the through bolt, 2 bolts and nut.
- (b) Torque the 2 bolts, nut and through bolt of the RH mounting insulator.

**Torque:**

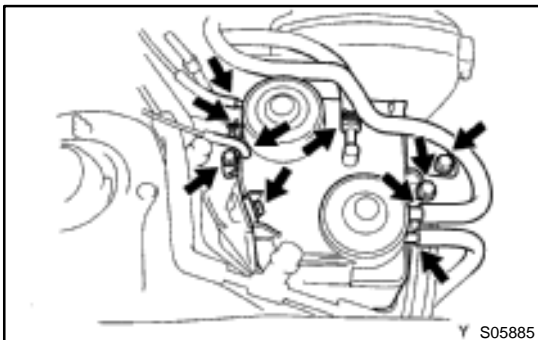
**Through bolt**

**73 N·m (740 kgf·cm, 54 ft·lbf)**

**Others**

**64 N·m (650 kgf·cm, 47 ft·lbf)**

- (c) Connect the ground strap with the bolt.

**15. INSTALL CHARCOAL CANISTER**

- (a) Install the charcoal canister with the 4 bolts.
- (b) Connect the 4 EVAP hoses and 2 vacuum hoses.

**16. INSTALL GENERATOR DRIVE BELT**

(See page [CH-2](#))

**17. w/ A/C and/or w/ PS:****INSTALL DRIVE BELT**

(See page [AC-16](#) and [SR-3](#))

**18. INSTALL RH ENGINE UNDER COVER**