

## INSTALLATION

### 1. INSTALL WATER PUMP ASSEMBLY

- (a) Install a new gasket and the water pump with the 17 bolts.

**Torque: 9.0 N\*m (92 kgf\*cm, 80 in.\*lbf) for bolt A**  
**23 N\*m (235 kgf\*cm, 17 ft.\*lbf) for bolt B**

### 2. INSTALL V-RIBBED BELT TENSIONER ASSEMBLY

HINT:

Drive Type	See Page
2WD	<a href="#">EM-26</a>
Pre Runner and 4WD	<a href="#">EM-48</a>

### 3. INSTALL COOLER COMPRESSOR ASSEMBLY (See page [ES-410](#))

### 4. INSTALL GENERATOR ASSEMBLY (See page [CH-13](#))

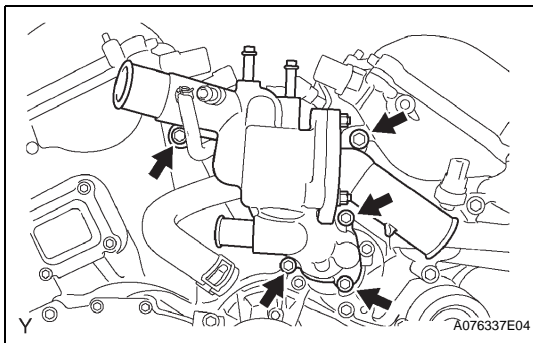
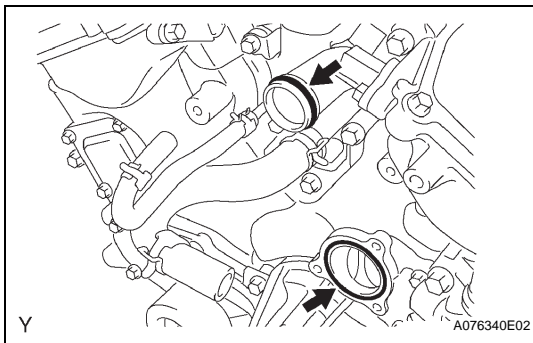
### 5. INSTALL NO. 2 IDLER PULLEY SUB-ASSEMBLY

- (a) Install the 2 idler pulleys with the 2 bolts.

**Torque: 39 N\*m (398 kgf\*cm, 29 ft.\*lbf)**

### 6. INSTALL WATER INLET

- (a) Install a new O-ring onto the water outlet pipe.  
 (b) Install a new gasket onto the water pump.  
 (c) Apply soapy water to the O-ring.



- (d) Install the water inlet with the 5 bolts.

**Torque: 9.0 N\*m (92 kgf\*cm, 80 in.\*lbf)**

- (e) Connect the 5 water by-pass hoses.

- (f) Connect the 2 radiator hoses.

- (g) Connect the 2 oil cooler hoses (with oil cooler).

### 7. INSTALL AIR CLEANER ASSEMBLY (See page [ES-416](#))

### 8. INSTALL FAN SHROUD (See page [CO-20](#))

### 9. INSTALL RADIATOR SUPPORT TO FRAME SEAL LH

### 10. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

**Torque: 3.9 N\*m (40 kgf\*cm, 35 in.\*lbf)**

### 11. ADD ENGINE COOLANT (See page [CO-3](#))

### 12. CHECK FOR ENGINE COOLANT LEAKAGE (See page [CO-4](#))

### 13. INSTALL V-BANK COVER

- (a) Install the V-bank cover with the 2 nuts.

**Torque: 7.5 N\*m (76 kgf\*cm, 66 in.\*lbf)**

**14. INSTALL NO. 1 ENGINE UNDER COVER SUB-ASSEMBLY (for Pre Runner and 4WD Type)**

- (a) Install the engine under cover with the 4 bolts.  
**Torque: 30 N\*m (306 kgf\*cm, 22 ft.\*lbf)**