

## INSTALLATION

### 1. INSTALL DRIVE PLATE

#### HINT:

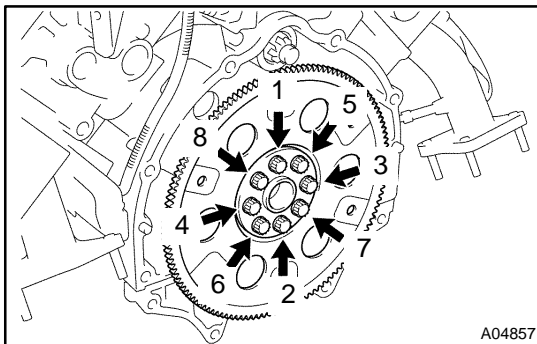
- The mounting bolts are tightened in 2 progressive steps (steps (c) and (e)).
- If any one of the mounting bolts is broken or deformed, replace it.

- (a) Apply adhesive to 2 or 3 threads of the mounting bolt end.

#### Adhesive:

**Part No. 08833-00070, THREE BOND 1324 or equivalent**

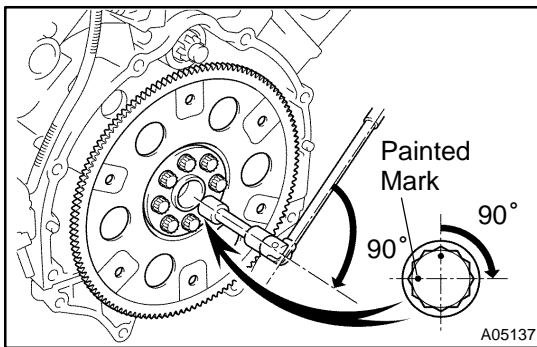
- (b) Install the front spacer, drive plate and rear spacer on the crankshaft.



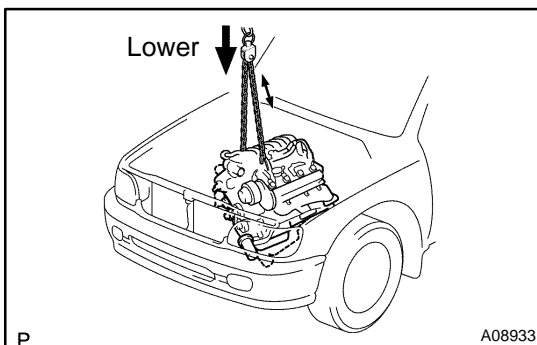
- (c) Install and uniformly tighten the 8 mounting bolts in several passes, in the sequence shown.

**Torque: 49 N·m (500 kgf-cm, 36 ft-lbf)**

If any one of the mounting bolts does not meet the torque specification, replace the mounting bolt.

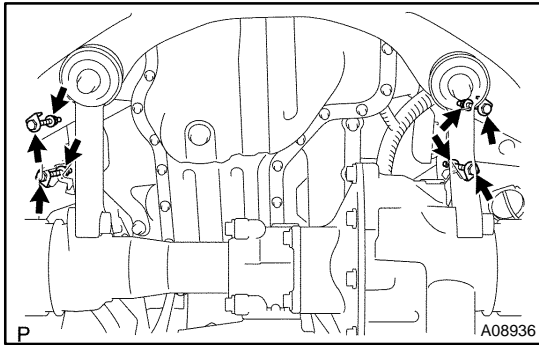


- (d) Mark the mounting bolt with paint.
- (e) Retighten the mounting bolts by 90° in the numerical order shown.
- (f) Check that the painted mark is now at a 90° angle to (e).

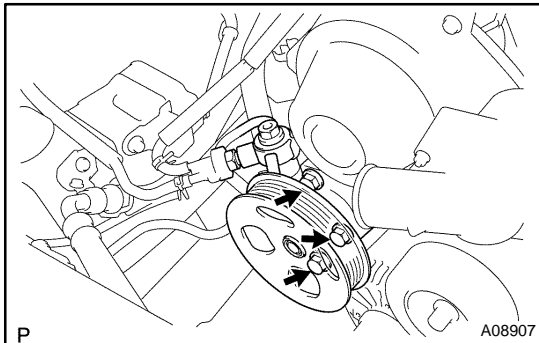


### 2. INSTALL ENGINE ASSEMBLY IN VEHICLE

- (a) Attach the engine chain hoist to the engine hangers.
- (b) Slowly lower the engine assembly into the engine compartment.
- (c) Attach the engine mounting brackets to the frame brackets.



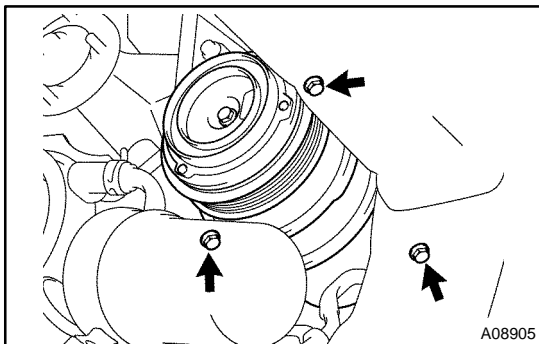
- (d) Install the engine mounting brackets to the frame brackets with the 2 nuts and 4 bolts.  
**Torque: 38 N·m (388 kgf-cm, 28 ft-lbf)**
- (e) Remove the engine chain hoist.



### 3. INSTALL PS PUMP

Install the PS pump with the 3 bolts.

**Torque: 17 N·m (175 kgf-cm, 13 ft-lbf)**



### 4. INSTALL A/C COMPRESSOR

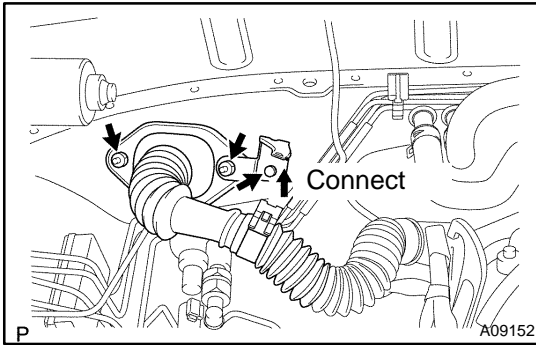
- (a) Install the A/C compressor with the 3 bolts.

**Torque: 49 N·m (500 kgf-cm, 36 ft-lbf)**

- (b) Connect the A/C compressor connector.

### 5. CONNECT HOSES, WIRES, CONNECTORS, CLAMPS, GROMMET AND CABLES

- (a) Connect the accelerator cable to the engine.
- (b) Connect the 2 PS air hoses to hose clamp on the No.3 RH timing belt cover.
- (c) Connect the generator wire.
- (d) Connect the generator connector.
- (e) Connect the hose clamp for the PS air hose.
- (f) Connect the PS air hose to the upper intake manifold.
- (g) Connect the 2 heater hoses.
- (h) Connect the ground strap to the cowl panel.
- (i) Connect the fuel inlet hose and clamps.
- (j) Connect the fuel return hose and clamp.
- (k) Connect the air inlet hose to the charcoal canister.
- (l) Connect the EVAP hose to the VSV for EVAP.
- (m) w/o Hydraulic brake booster:  
Connect the brake booster tube.



## 6. CONNECT ENGINE WIRE TO CABIN

- (a) Push into the engine wire through the cowl panel.
- (b) Install the engine wire bracket with the 2 nuts and bolt and connect the engine wire to the bracket.
- (c) Connect the 3 connectors to the ECM.
- (d) Connect the 2 wire harness connectors (cassette connector).
- (e) Install the ECM with the 3 screws.
- (f) Install the lower No. 2 panel.
- (g) Install the glove compartment door.

## 7. INSTALL FAN PULLEY, FAN, FLUID COUPLING AND DRIVE BELT

- (a) Temporarily install the fan pulley, the fan and fluid coupling assembly with the 4 nuts.
- (b) Install the drive belt (See page [CH-16](#) or [CH-28](#)).
- (c) Tighten the 4 nuts holding the coupling to the fan bracket.

## 8. INSTALL BATTERY CABLES

- (a) Connect the battery positive (+) terminal cable.
- (b) Connect the battery negative (-) cable to the battery and left fender apron.
- (c) Connect the clamp on battery negative (-) cable to No. 2 relay box.

## 9. INSTALL AIR CLEANER AND INTAKE AIR CONNECTOR PIPE ASSEMBLY

- (a) Install the air cleaner case with the 3 bolts.  
**Torque: 5 N·m (51 kgf·cm, 44 in.·lbf)**
- (b) Connect the intake air connector to the throttle body.
- (c) Connect the MAF meter connector.
- (d) Install the A/C suction hose to the intake air connector.
- (e) Connect the PS air hose, air inlet hose for EVAP, PCV hose and MAF meter connector to the intake air connector.

## 10. INSTALL THROTTLE BODY COVER

## 11. INSTALL TRANSMISSION (See page [AT-38](#))

## 12. INSTALL RADIATOR ASSEMBLY (See page [CO-18](#))

## 13. INSTALL FRONT STABILIZER BAR

(See page [SA-91](#))

## 14. INSTALL FRONT AND REAR PROPELLER SHAFTS

(See page [PR-15](#))

## 15. INSTALL FRONT EXHAUST PIPES

(See page [EM-125](#))

## 16. FILL WITH ENGINE COOLANT (See page [CO-2](#))

## 17. FILL WITH ENGINE OIL (See page [LU-2](#))

## 18. START ENGINE AND CHECK FOR LEAKS

## 19. INSTALL ENGINE UNDER COVERS

## 20. INSTALL HOOD

## 21. PERFORM ROAD TEST

Check for abnormal noise, shock, slippage, correct shift points and smooth operation.

## 22. RECHECK ENGINE COOLANT AND OIL LEVELS