

## INSTALLATION

1. ASSEMBLE ENGINE AND TRANSAXLE
2. INSTALL REAR ENGINE MOUNTING INSULATOR

Install the mounting insulator with the 4 bolts.

**Torque: 64 N·m (650 kgf·cm, 47 ft·lbf)**

3. INSTALL FRONT ENGINE MOUNTING INSULATOR

Install the mounting insulator with the 4 bolts.

**Torque: 64 N·m (650 kgf·cm, 47 ft·lbf)**

4. INSTALL ENGINE AND TRANSAXLE ASSEMBLY IN VEHICLE

- (a) Attach the engine sling device to the engine hangers.
- (b) Lower the engine into the engine compartment. Tilt the transaxle downward, lower the engine and clear the LH mounting.

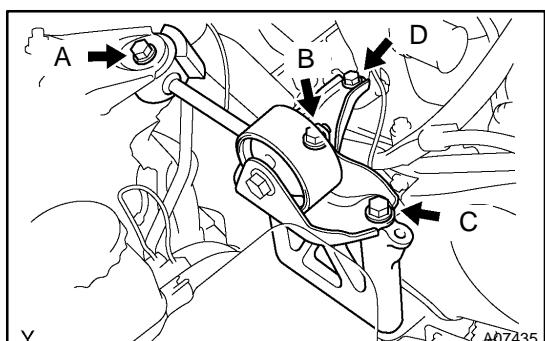
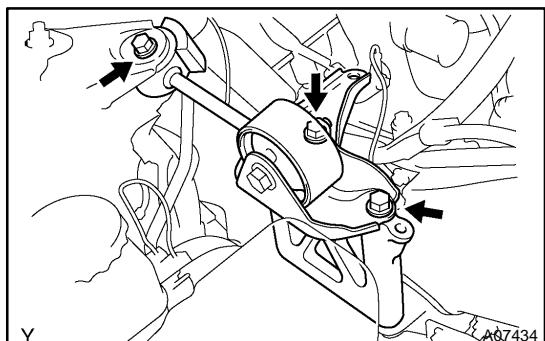
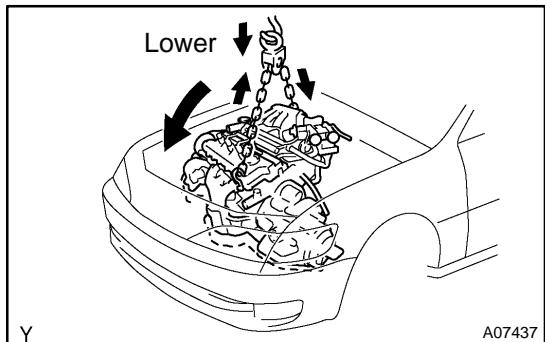
### NOTICE:

Be careful not to hit the park/neutral position switch.

- (c) Keep the engine level, and align RH and LH mountings with the body bracket.

5. INSTALL NO.2 RH ENGINE MOUNTING BRACKET AND ENGINE MOVING CONTROL ROD

- (a) Temporarily install the No.2 RH engine mounting bracket and engine moving control rod with the 3 bolts.



- (b) Tighten the bolt (A).

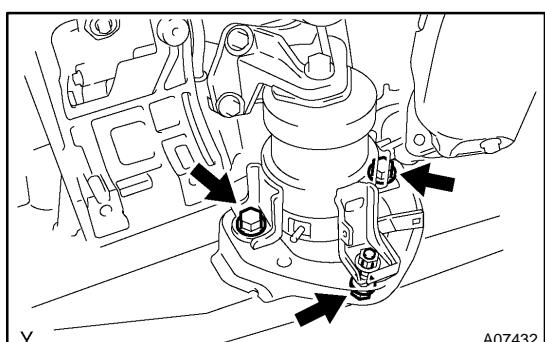
**Torque: 64 N·m (650 kgf·cm, 47 ft·lbf)**

- (c) Tighten the other 3 bolts (B, C and D).

**Torque:**

**64 N·m (650 kgf·cm, 47 ft·lbf) for bolt B and C**

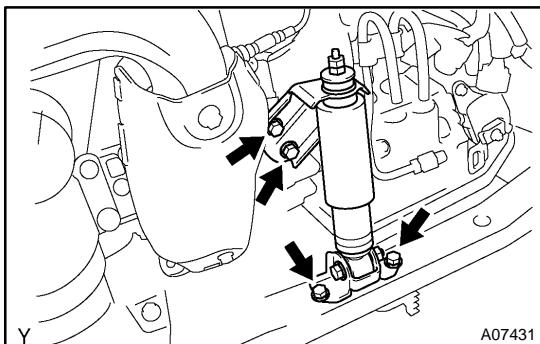
**32 N·m (320 kgf·cm, 23 ft·lbf) for bolt D**



6. CONNECT FRONT ENGINE MOUNTING INSULATOR

Connect the mounting insulator with the 3 bolts.

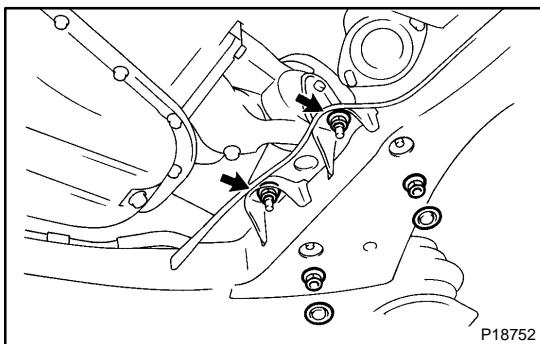
**Torque: 80 N·m (820 kgf·cm, 59 ft·lbf)**



## 7. INSTALL ENGINE MOUNTING ABSORBER

Install the engine mounting absorber with the 4 bolts.

**Torque: 48 N·m (490 kgf·cm, 35 ft·lbf)**

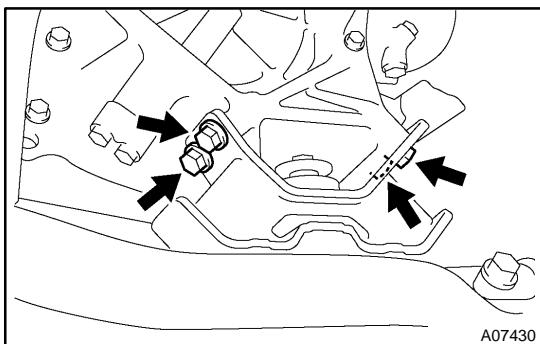


## 8. CONNECT REAR ENGINE MOUNTING INSULATOR

(a) Connect the mounting insulator with the 4 nuts.

**Torque: 66 N·m (670 kgf·cm, 48 ft·lbf)**

(b) Install the 2 hole plugs.



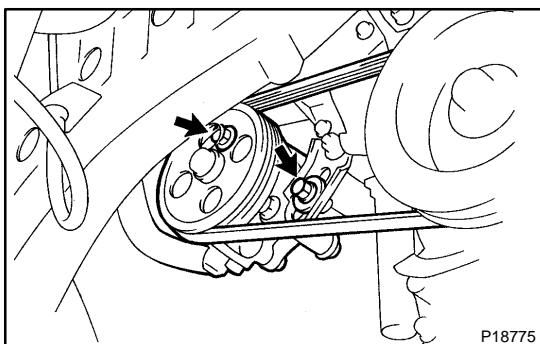
## 9. CONNECT LH ENGINE MOUNTING INSULATOR

Connect the mounting insulator with the 4 bolts.

**Torque: 64 N·m (650 kgf·cm, 47 ft·lbf)**

## 10. REMOVE ENGINE SLING DEVICE

## 11. CONNECT TRANSAXLE CONTROL CABLE TO TRANSAXLE



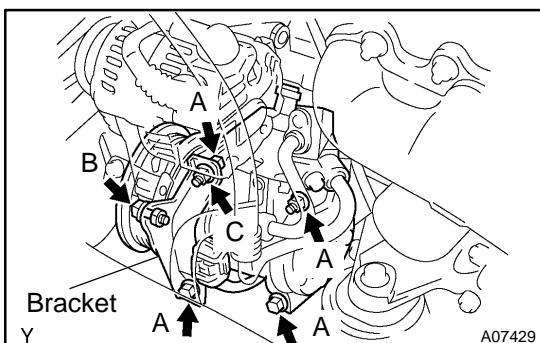
## 12. INSTALL PS PUMP

(a) Install the PS pump with the 2 bolts.

**Torque: 43 N·m (440 kgf·cm, 31 ft·lbf)**

(b) Install the drive belt.

(c) Connect the PS pressure tube with the 2 nuts.



## 13. INSTALL A/C COMPRESSOR

(a) Install the A/C compressor and drive belt adjusting bar bracket with the 5 bolts and nut.

**Torque:**

**25 N·m (250 kgf·cm, 18 ft·lbf) for bolt A**

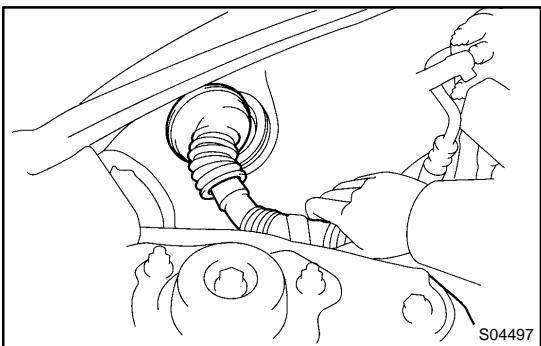
**18 N·m (185 kgf·cm, 13 ft·lbf) for bolt B**

**25 N·m (250 kgf·cm, 18 ft·lbf) for nut C**

(b) Install the drive belt.

(c) Connect the A/C compressor connector.

## 14. INSTALL DRIVE SHAFTS (See page [SA-23](#))



## 15. CONNECT ENGINE WIRE TO CABIN

- Push in the engine wire through the cowl panel. Install the grommet.
- Connect the 3 engine ECM connectors.
- Connect the 3 cowl wire connectors to the connectors on the bracket.
- Install the No.2 instrument lower panel.

## 16. CONNECT CONNECTORS, CABLE, CLAMPS AND HOSES

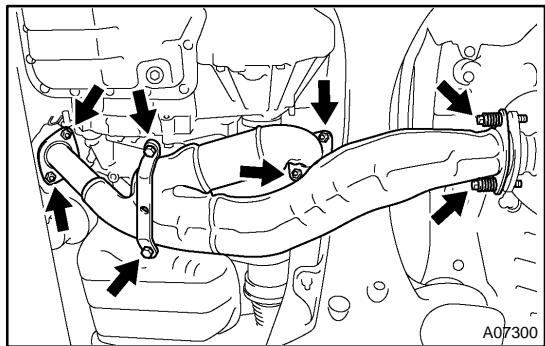
- Connect the noise filter connector on the LH fender apron.
- Connect the generator connector and wire.
- Connect the starter connector and wire.
- Connect the 2 ground strap connectors to the RH fender apron
- Connect the strap connector to the LH fender apron with the bolt.
- Connect the ground cable to the battery body bracket.
- Connect the engine wire protector clamp to the battery body bracket.
- Connect the engine wire clamp to the bracket on the RH fender apron.
- Connect the brake booster vacuum hose to the throttle body.
- Connect the engine coolant reservoir hose to the water outlet.
- Connect the heater hose to the intake manifold.
- Connect the heater hose to the water inlet housing.
- Connect the fuel inlet hose to the fuel filter.

### CAUTION:

Perform connecting operations of the fuel tube connector (quick type) after observing the precautions.

(See page SF-1)

- Connect the EVAP hose assembly to the pipe on the emission control valve set.
- Connect the 2 vacuum hoses to the vacuum tank for the ACIS.



## 17. INSTALL FRONT EXHAUST PIPE

- Temporarily install 3 new gaskets and the front exhaust pipe with the 2 bolts, 2 compression springs and 4 nuts. Tighten the 4 nuts holding the exhaust manifolds to the front exhaust pipe.

**Torque: 62 N·m (630 kgf·cm, 46 ft·lbf)**

- Tighten the 2 bolts and 2 compression springs holding the front exhaust pipe to the center exhaust pipe.

**Torque: 43 N·m (440 kgf·cm, 32 ft·lbf)**

- (d) Install the support stay with the 2 bolts.  
Torque: 33 N·m (330 kgf·cm, 24 ft·lbf)
- 18. INSTALL RADIATOR (See page CO-24)**
- 19. INSTALL CRUISE CONTROL ACTUATOR**
- 20. INSTALL AIR CLEANER CAP ASSEMBLY AND AIR CLEANER CASE**
- 21. CONNECT ACCELERATOR CABLE**
- 22. INSTALL V-BANK COVER**
  - (a) Using a 5 mm hexagon wrench, install the V-bank cover with the 3 cap nuts.
  - (b) Press down the V-bank cover fastener.
- 23. INSTALL ENGINE FENDER APRON SEALS**
- 24. INSTALL BATTERY TRAY AND BATTERY**
- 25. INSTALL HOOD**
- 26. FILL ENGINE WITH OIL**
- 27. FILL WITH ENGINE COOLANT**
- 28. START ENGINE AND CHECK FOR LEAKS**
- 29. PERFORM ROAD TEST**

Check for abnormal noise, shock, slippage, correct shift points and smooth operation.
- 30. RECHECK ENGINE COOLANT AND OIL LEVELS**