

INSTALLATION

1. ASSEMBLE ENGINE AND TRANSAXLE

2. INSTALL REAR ENGINE MOUNTING INSULATOR

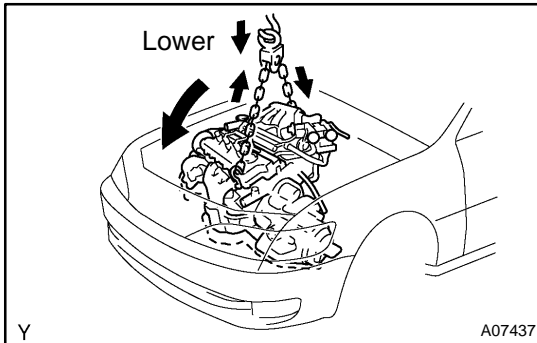
Install the mounting insulator with the 4 bolts.

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

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

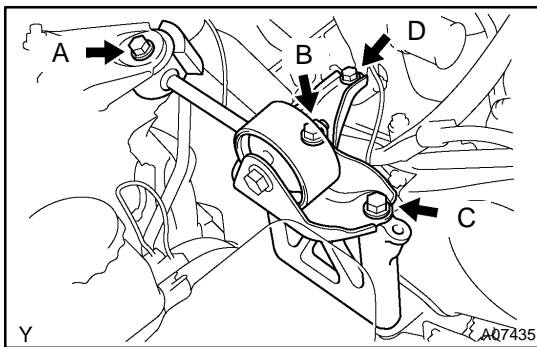
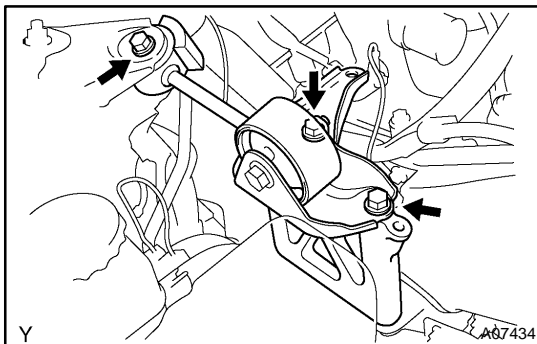
NOTICE:

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

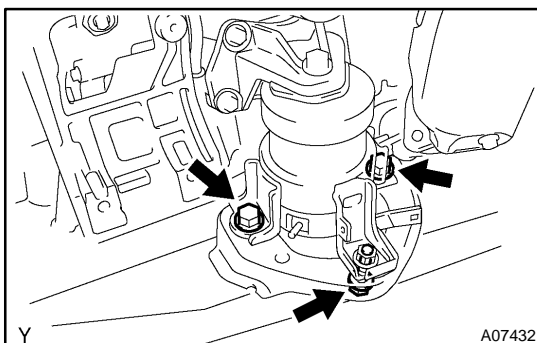
- Keep the engine level, and align RH and LH mountings with the body bracket.

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

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



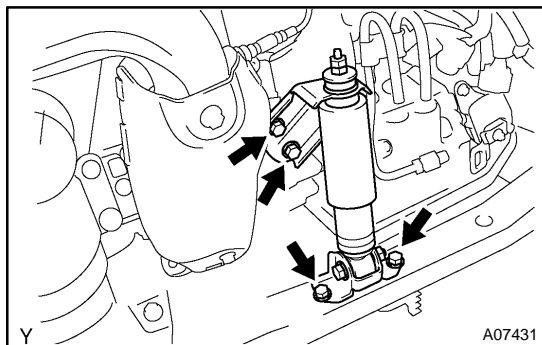
- Tighten the bolt (A).
Torque: 64 N·m (650 kgf-cm, 47 ft-lbf)
- Tighten the other 3 bolts (B, C and D).
Torque:
64 N·m (650 kgf-cm, 47 ft-lbf) for bolt B and C
32 N·m (320 kgf-cm, 23 ft-lbf) for bolt D



6. CONNECT FRONT ENGINE MOUNTING INSULATOR

Connect the mounting insulator with the 3 bolts.

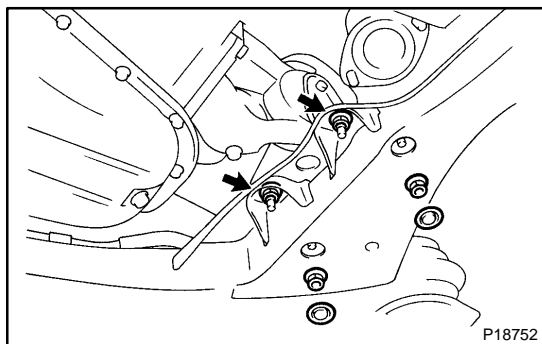
Torque: 80 N·m (820 kgf-cm, 59 ft-lbf)



7. INSTALL ENGINE MOUNTING ABSORBER

Install the engine mounting absorber with the 4 bolts.

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

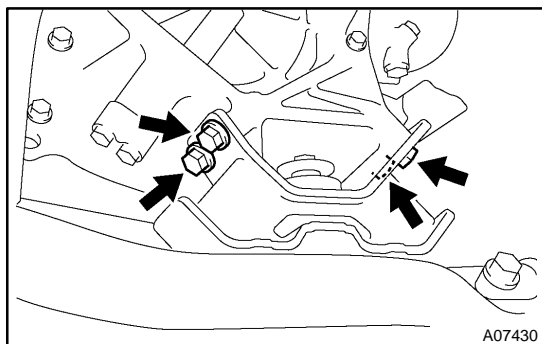


8. CONNECT REAR ENGINE MOUNTING INSULATOR

(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.



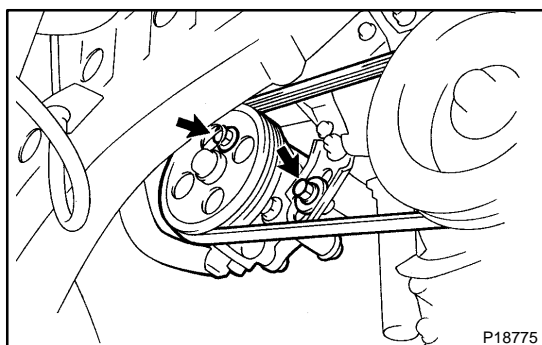
9. CONNECT LH ENGINE MOUNTING INSULATOR

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



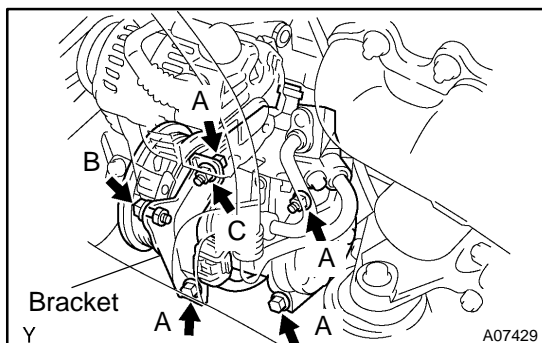
12. INSTALL PS PUMP

(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

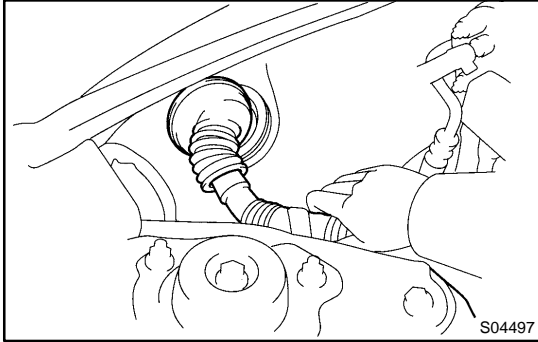
18 N·m (185 kgf-cm, 13 ft-lbf) for bolt B

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**

- (a) Push in the engine wire through the cowl panel. Install the grommet.
- (b) Connect the 3 engine ECM connectors.
- (c) Connect the 3 cowl wire connectors to the connectors on the bracket.
- (d) Install the No.2 instrument lower panel.

16. CONNECT CONNECTORS, CABLE, CLAMPS AND HOSES

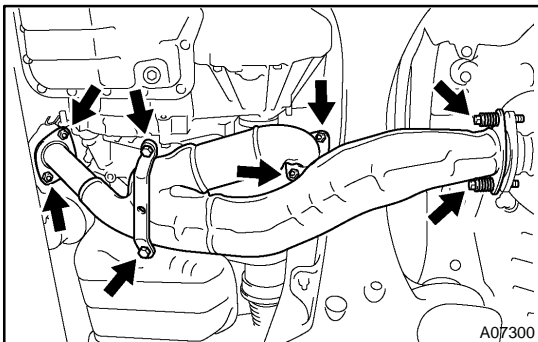
- (a) Connect the noise filter connector on the LH fender apron.
- (b) Connect the generator connector and wire.
- (c) Connect the starter connector and wire.
- (d) Connect the 2 ground strap connectors to the RH fender apron
- (e) Connect the strap connector to the LH fender apron with the bolt.
- (f) Connect the ground cable to the battery body bracket.
- (g) Connect the engine wire protector clamp to the battery body bracket.
- (h) Connect the engine wire clamp to the bracket on the RH fender apron.
- (i) Connect the brake booster vacuum hose to the throttle body.
- (j) Connect the engine coolant reservoir hose to the water outlet.
- (k) Connect the heater hose to the intake manifold.
- (l) Connect the heater hose to the water inlet housing.
- (m) 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)

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

**17. INSTALL FRONT EXHAUST PIPE**

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

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

- (c) 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**