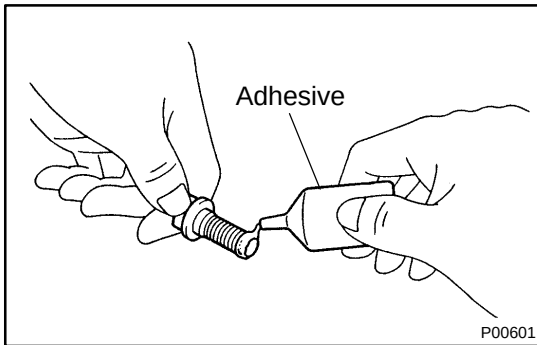


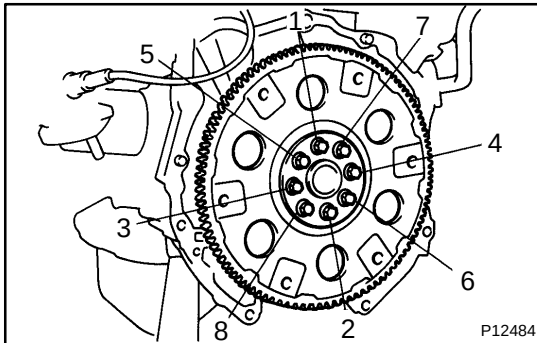


INSTALLATION

1. INSTALL DRIVE PLATE

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

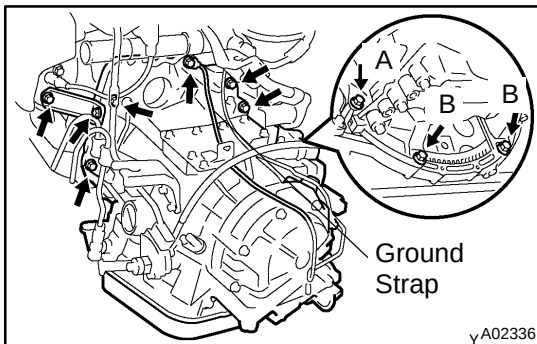
Adhesive: Part No. 08833-00070, THREE BOND 1324 or equivalent



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

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

Torque: 83 N·m (850 kgf·cm, 61 ft·lbf)



2. INSTALL TRANSAXLE TO ENGINE

- (a) Attach the transaxle to the engine.

- (b) Install the ground strap and 8 bolts.

Torque:

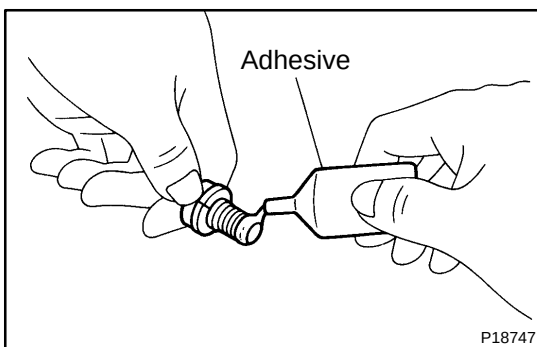
A bolt: 48 N·m (490 kgf·cm, 35 ft·lbf)

B bolt: 37 N·m (380 kgf·cm, 48 ft·lbf)

Other bolt: 66 N·m (670 kgf·cm, 48 ft·lbf)

- (c) Install the LH exhaust manifold stay with the bolt and nut.

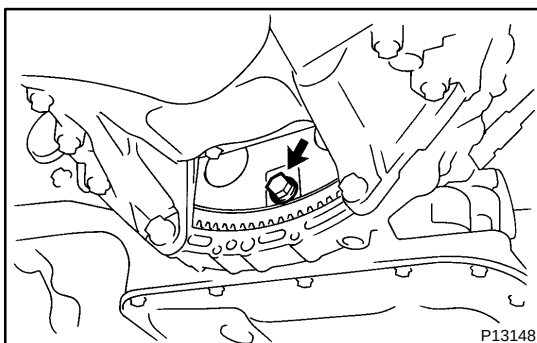
Torque: 20 N·m (200 kgf·cm, 14 ft·lbf)



3. INSTALL TORQUE CONVERTER CLUTCH BOLTS

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

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



- (b) Hold the crankshaft pulley bolt with a wrench, and install the 6 bolts evenly.

Torque: 41 N·m (420 kgf·cm, 30 ft·lbf)

HINT:

First install the dark green colored bolt, then install the other bolts.

- (c) Install the flywheel housing under cover and exhaust pipe support stay with the 2 bolts.

Torque: 7.8 N·m (80 kgf·cm, 69 in·lbf)

4. CONNECT ENGINE WIRE TO TRANSAXLE

- (a) Connect the PNP switch connector
- (b) Connect the solenoid connector
- (c) Connect the ATF temperature sensor connector

5. INSTALL STARTER (See page ST-20)**6. CONNECT THROTTLE CABLE TO THROTTLE BODY****7. INSTALL REAR ENGINE MOUNTING INSULATOR**

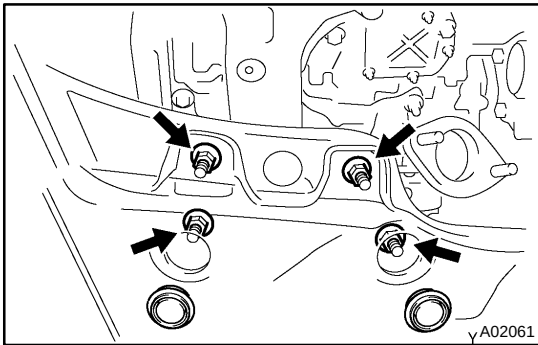
Install the mounting insulator with the 4 bolts.

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

8. INSTALL FRONT ENGINE MOUNTING INSULATOR

Install the mounting insulator with the 4 bolts.

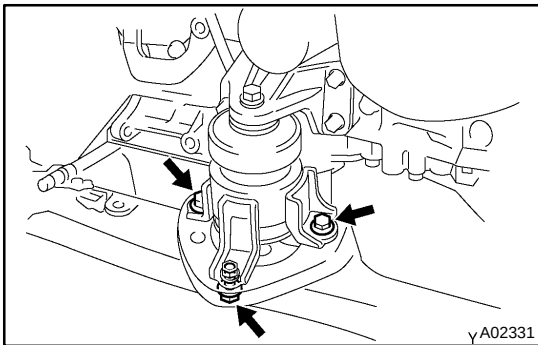
Torque: 64 N·m (650 kgf·cm, 47 ft·lbf)

**9. INSTALL FRONT SUSPENSION MEMBER**

- (a) Connect the rear engine mounting insulator with the 4 nuts.

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

- (b) Install the 2 hole plugs.

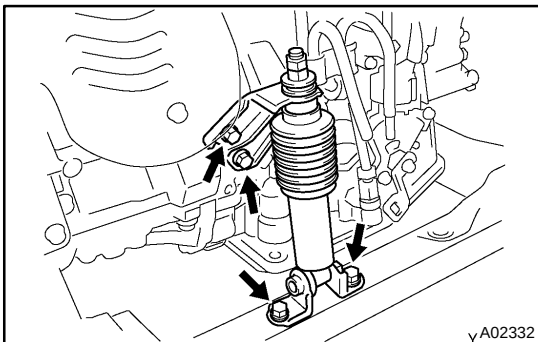


- (c) Connect the front engine mounting insulator with the 3 bolts.

Torque:

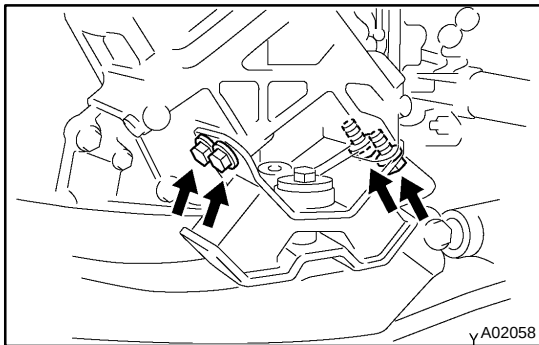
Green color bolt: 66 N·m (670 kgf·cm, 48 ft·lbf)

Silver color bolt: 44 N·m (450 kgf·cm, 32 ft·lbf)



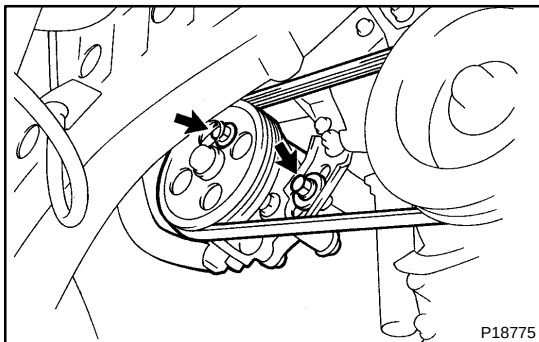
- (d) Install the engine mounting absorber with the 4 bolts.

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



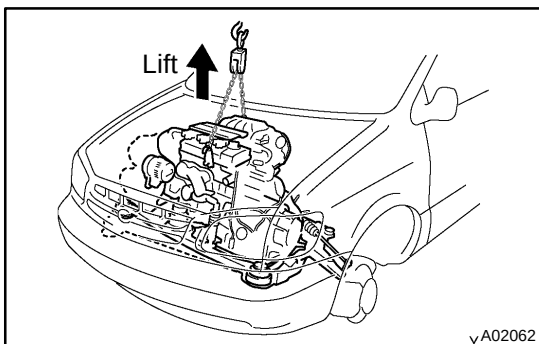
- (e) Connect the LH engine mounting insulator with the 4 bolts.

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



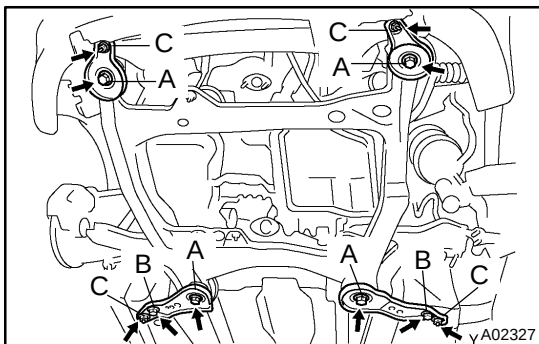
10. INSTALL PS VANE PUMP

- (a) Install the PS vane 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 nut.
 (d) Connect the heated oxygen sensor (bank 1 sensor 1) connector clamp.
 (e) Connect the PS oil pressure switch connector.



11. INSTALL ENGINE TRANSAXLE AND FRONT SUSPENSION MEMBER ASSEMBLY IN VEHICLE

- (a) Attach the engine sling device to the engine hangers.
 (b) Lift the engine into the engine compartment.



12. INSTALL LOWER BRACES

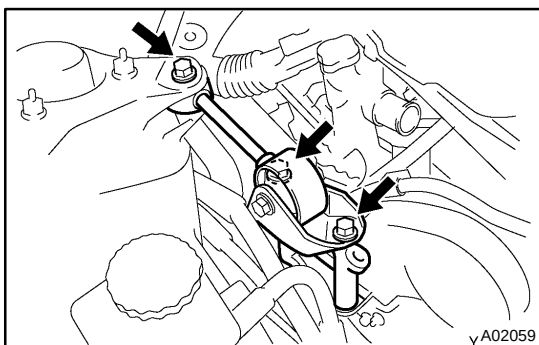
Install the 4 lower braces with the 6 bolts and 4 nuts.

Torque:

Bolt A: 181 N·m (1,850 kgf·cm, 134 ft·lbf)

Bolt B: 32 N·m (330 kgf·cm, 24 ft·lbf)

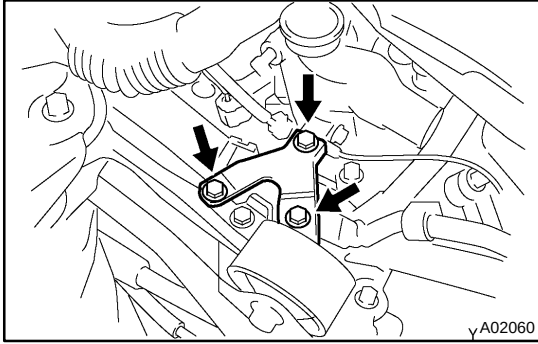
Nut C: 36 N·m (370 kgf·cm, 27 ft·lbf)



13. INSTALL NO.2 ENGINE MOUNTING BRACKET AND ENGINE MOVING CONTROL ROD

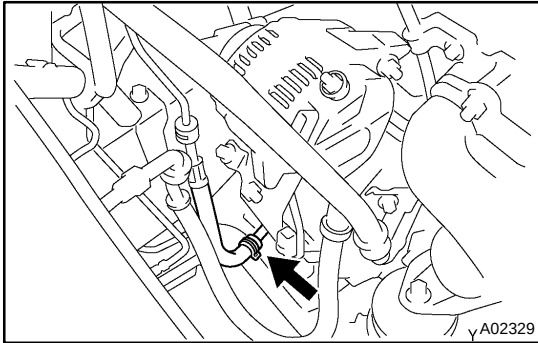
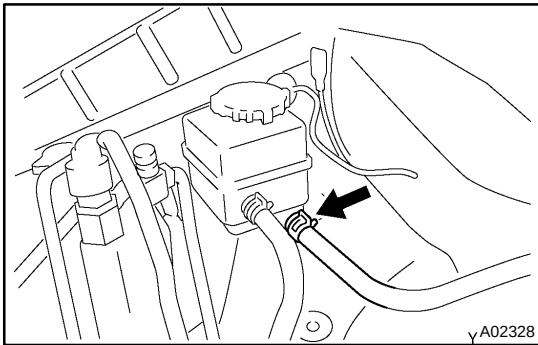
Install the No.2 engine mounting bracket and mounting moving control rod with the 3 bolts.

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

**14. INSTALL RH ENGINE MOUNTING STAY**

Install the RH mounting stay with the 3 bolts.

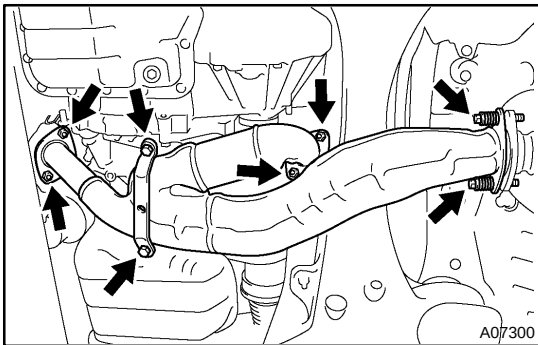
Torque: 32 N·m (320 kgf·cm, 23 ft·lbf)

15. REMOVE ENGINE SLING DEVICE**16. CONNECT FENDER APRON SEALS****17. INSTALL ENGINE UNDER COVER****18. CONNECT PS HOSE TO PS RESERVOIR PIPE****19. CONNECT PS HOSE TO PS OIL RESERVOIR****20. CONNECT INTERMEDIATE SHAFT ASSEMBLY**

(See page [SR-20](#))

21. INSTALL DRIVE SHAFTS (See page [SA-23](#))**22. CONNECT STABILIZER BAR LINK**

(See page [SA-42](#))

23. INSTALL ENGINE FENDER APRON SEALS**24. 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.

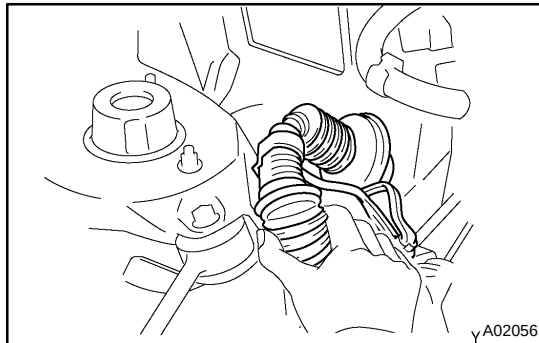
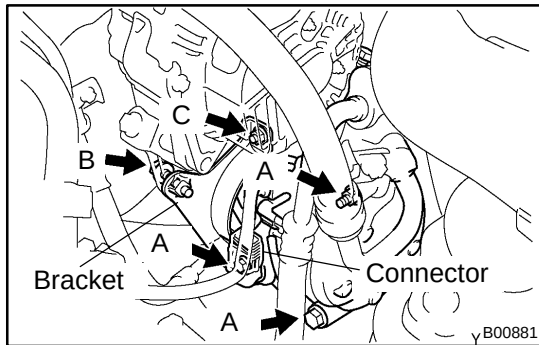
Torque: 62 N·m (630 kgf·cm, 46 ft·lbf)

(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)



25. CONNECT A/T SHIFT CONTROL CABLE TO TRANSAXLE

26. INSTALL A/C COMPRESSOR

- (a) Install the A/C compressor and drive belt adjusting bar bracket with the 4 bolts and nut.

Torque:

Bolt A: 25 N·m (250 kgf·cm, 18 ft·lbf)

Bolt B: 18 N·m (185 kgf·cm, 13 ft·lbf)

Nut C: 25 N·m (250 kgf·cm, 18 ft·lbf)

- (b) Install the drive belt.
(c) Connect the A/C compressor connector.

27. CONNECT ENGINE WIRE TO CABIN

- (a) Push in the engine wire through the cowl panel. Install the grommet.

- (b) Install the ECM. (See page [SF-83](#))

28. CONNECT CONNECTORS, CLAMP AND HOSES

- (a) Connect the noise filter connector on cowl panel.
(b) Connect the generator connector and wire.
(c) Connect the starter connector and wire.
(d) Connect the 2 ground strap connectors to RH fender apron.
(e) Connect the ground strap to LH fender apron.
(f) Connect the brake booster vacuum hose to air intake chamber.
(g) Connect the engine coolant reservoir hose to water outlet.
(h) Connect the heater hose to intake manifold.
(i) Connect the heater hose to water inlet housing.
(j) Connect the fuel inlet hose to fuel pipe.
(k) Connect the EVAP hose to pipe on emission control valve set.

- (l) Connect the 2 vacuum hoses to vacuum tank for ACIS.

29. CONNECT A/T OIL COOLER PIPE

- (a) Install the A/T oil cooler pipe to the frame with the bolt.
(b) Connect the A/T oil cooler hose to the A/t oil cooler pipe.

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

31. INSTALL CRUISE CONTROL ACTUATOR

32. INSTALL CHARCOAL CANISTER

33. INSTALL AIR CLEANER CAP ASSEMBLY AND AIR CLEANER CASE

34. INSTALL BATTERY TRAY AND BATTERY

35. INSTALL HEATER AIR DUCT

36. INSTALL OUTER FR COWL TOP PANEL ASSEMBLY

- (a) Connect the wiper motor connector and install the cowl top ventilator louver with the 11 bolts.
(b) Connect the window washer hose, and install the cowl top ventilator louver with clip. Install the RH and LH ventilator louvers.
(c) Install the cowl panel hole cover.
(d) Install the head to cowl panel top seal.

- (e) Install the wiper arm and blade assemblies with the 2 nuts.

Torque: 20.5 N·m (205 kgf·cm, 15 ft·lbf)

- (f) Install the 2 wiper arm head caps.

37. INSTALL HOOD

38. INSTALL V-BANK COVER

39. FILL ENGINE WITH OIL

40. FILL WITH ENGINE COOLANT

41. BLEED POWER STEERING SYSTEM

(See page [SR-4](#))

42. START ENGINE AND CHECK FOR LEAKS

43. PERFORM ROAD TEST

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

44. RECHECK ENGINE COOLANT AND OIL LEVELS