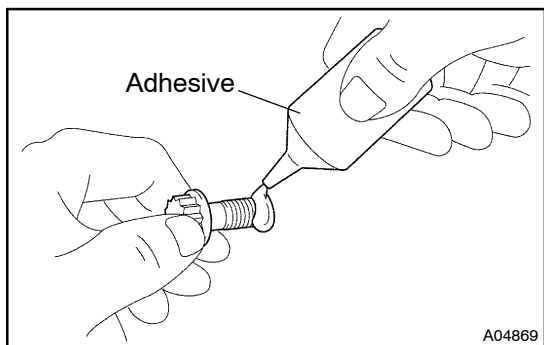


INSTALLATION

1. INSTALL DRIVE PLATE

HINT:

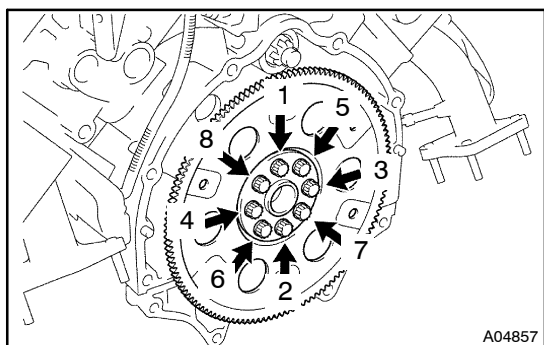
- The mounting bolts are tightened in 2 progressive steps (steps (c) and (e)).
- If any one of the mounting bolts is broken or deformed, replace it.



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

Adhesive:

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

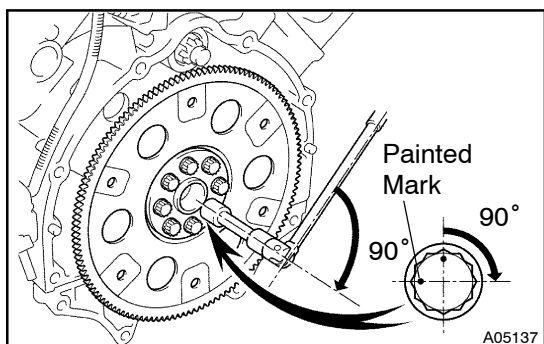


- (b) Install the front spacer, drive plate and rear spacer on the crankshaft.

- (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)

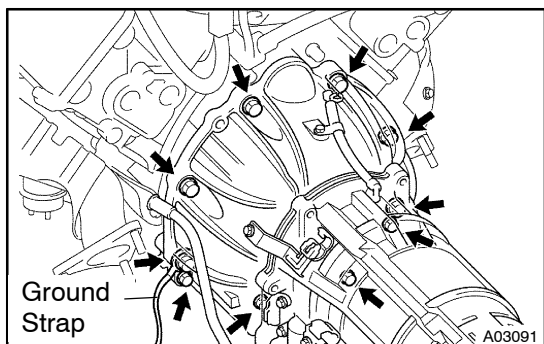
If any one of the mounting bolts does not meet the torque specification, replace the mounting bolt.



- (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 TRANSMISSION TO ENGINE

- (a) Check the torque converter clutch installation (See page AT-39).

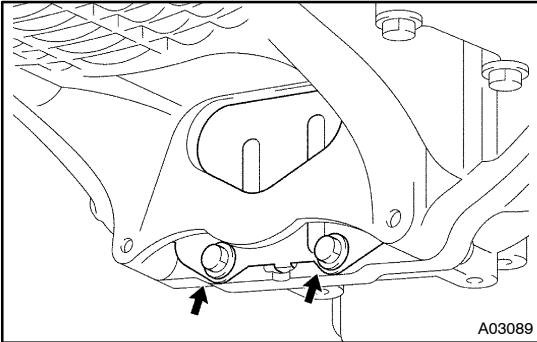
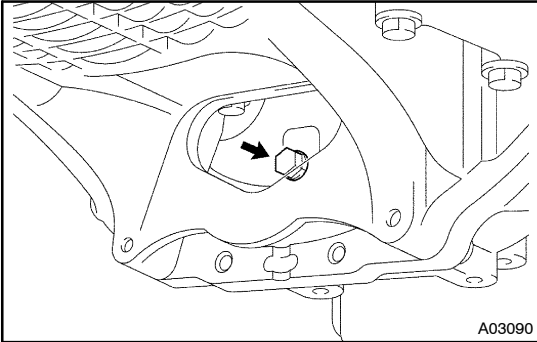
- (b) Attach the transmission to the engine.

- (c) Install the ground strap and 10 bolts.

Torque:

37 N·m (380 kgf·cm, 27 ft·lbf) for 14 mm head

72 N·m (730 kgf·cm, 53 ft·lbf) for 17 mm head



3. INSTALL TORQUE CONVERTER CLUTCH BOLTS

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

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: 48 N·m (490 kgf·cm, 35 ft·lbf)

HINT:

First install the black colored bolt, install the other bolts.

- (c) Install the flywheel housing under cover with the 2 bolts.

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

4. INSTALL OIL COOLER PIPE FOR TRANSMISSION

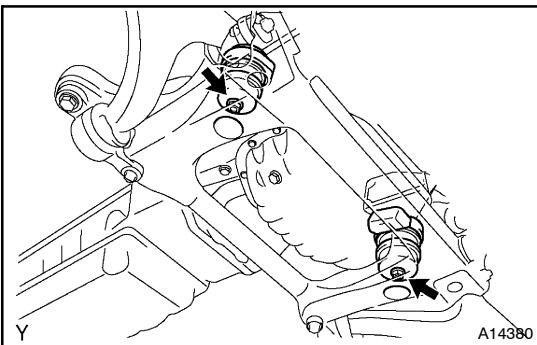
5. INSTALL OIL DIPSTICK GUIDE AND DIPSTICK FOR TRANSMISSION

- (a) Install a new O-ring to the dipstick guide.
 (b) Apply soapy water to the O-ring.
 (c) Connect the dipstick guide end to the dipstick tube of the oil pan.
 (d) Install the dipstick guide with the bolt.
 (e) Install the dipstick.

6. CONNECT ENGINE WIRE TO TRANSMISSION

Connect the connectors and wire:

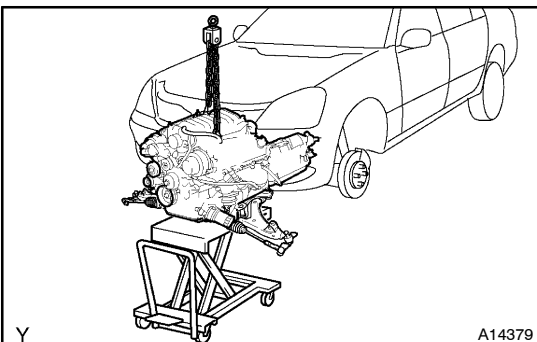
- Connect the VSV connector.
- Connect the PNP switch connector.
- Connect the solenoid connector.
- Connect the direct clutch speed sensor connector.
- Connect the 4 engine wire clamps to the bracket.



7. INSTALL SUSPENSION MEMBER TO ENGINE

Install the suspension member with the 4 nuts and to the engine.

Torque: 70 N·m (714 kgf·cm, 52 ft·lbf)



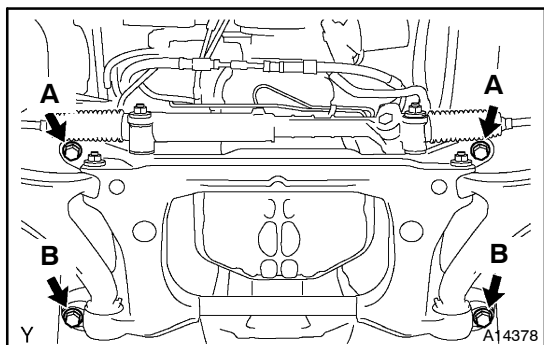
8. SET ENGINE JACK

NOTICE:

Using a chain, hold the engine tightly.

9. INSTALL ENGINE AND TRANSMISSION ASSEMBLY IN VEHICLE

- (a) Raise the engine into the engine compartment.

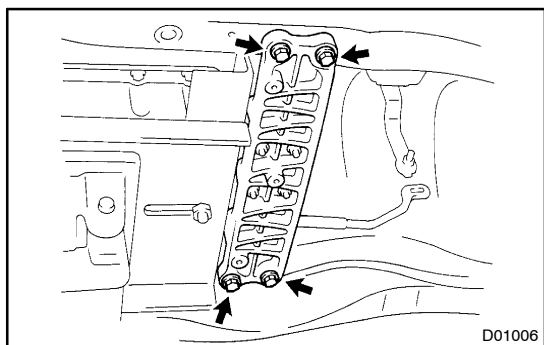


- (b) Connect the suspension member with the 4 bolts to the body.

Torque:

A: 176 N·m (1,795 kgf·cm, 130 ft·lbf)

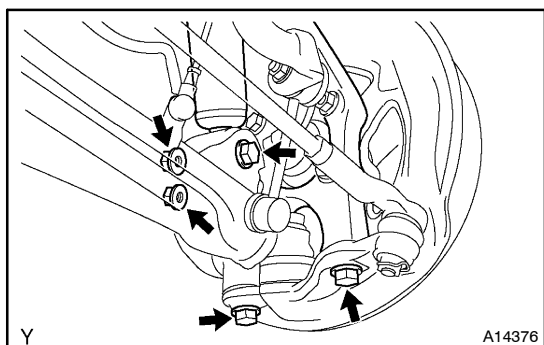
B: 157 N·m (1,600 kgf·cm, 116 ft·lbf)



- (c) Install the rear engine mounting with the 4 bolts.

Torque: 22.5 N·m (260 kgf·cm, 19 ft·lbf)

- (d) Remove the engine jack and chain.



10. CONNECT LOWER ARM TO STEERING KNUCKLE

Connect the lower arm to the steering knuckle with the 2 bolts.

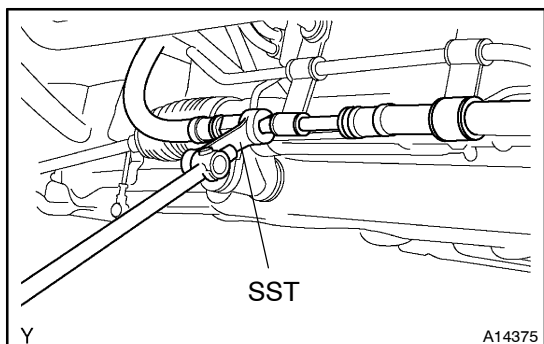
11. CONNECT LEVEL HEIGHT SENSOR LINKAGE TO LOWER ARM

12. CONNECT SHOCK ABSORBER TO LOWER ARM

Connect the shock absorber to the lower arm with the bolt and nut.

13. INSTALL FRONT STABILIZER BAR (See page SA-49)

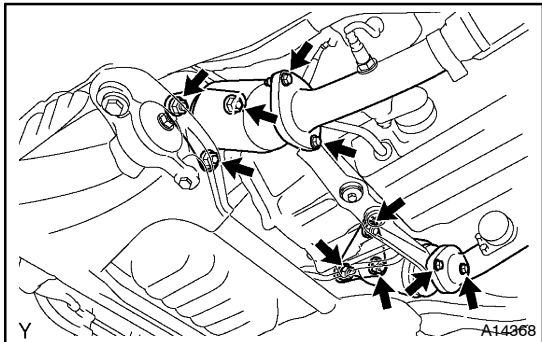
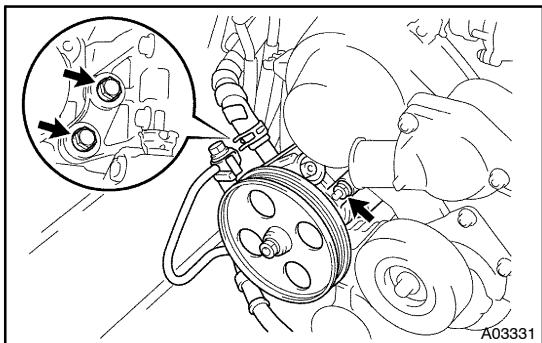
14. CONNECT SLIDING YOKE TO INTERMEDIATE SHAFT



15. CONNECT PS OIL TUBE

Using SST, connect the PS oil tube to the PS gear housing.

SST 09633-00020

**16. INSTALL PS PUMP AND OIL RESERVOIR**

- (a) Install the PS oil reservoir to the RH fender apron with the 3 bolts.
- (b) Install the PS pump to the engine with the 2 bolts and nut.

17. BLEED POWER STEERING SYSTEM (See page SR-4)**18. CONNECT A/C COMPRESSOR TO ENGINE (See page AC-58)****19. INSTALL PROPELLER SHAFT (See page PR-9)****20. INSTALL HEAT INSULATORS****21. INSTALL TWC (unleaded gasoline) OR SUB-MUFFLERS (leaded gasoline)****22. INSTALL FRONT EXHAUST PIPE, CENTER EXHAUST PIPE AND TAIL PIPES (See page EM-123)****23. Unleaded Gasoline:
CONNECT HEATED OXYGEN SENSORS TO FRONT EXHAUST PIPE****24. CONNECT ENGINE WIRE FROM ECU BOX**

- (a) Connect the grommet and engine wire to the ECU box.
- (b) Connect the 5 ECU connectors and 2 wire connectors.
- (c) Install the ECU box cover.

25. CONNECT WIRE, CABLES AND HOSES

- Connect the 2 electric cooling fan ECU connectors.
- Connect the 2 electric cooling fan connectors.
- Connect the 2 A/T oil cooler hoses to the radiator.
- Connect the EVAP hose to the VSV for EVAP.
- Connect the PS air hose to the intake manifold.
- Connect the fuel inlet hose to the fuel main tube.
- Connect the starter cable to the battery.
- Connect the 2 ground straps to the body.
- Connect the 2 heater hoses to the water bypass pipe.
- Connect the brake booster vacuum hose to the intake manifold.

26. CONNECT RADIATOR UPPER HOSE TO WATER BY-PASS JOINT**27. CONNECT RADIATOR LOWER HOSE TO WATER IN-LET HOUSING****28. INSTALL DRIVE BELT (See page CH-1)****29. INSTALL AIR CLEANER AND INTAKE AIR CONNECTOR ASSEMBLY****30. INSTALL AIR CLEANER INLET****31. FILL WITH ENGINE COOLANT****32. FILL WITH ENGINE OIL****33. START ENGINE AND CHECK FOR LEAKS****34. INSTALL V-BANK COVER AND ENGINE ROOM SIDE COVER****35. INSTALL ENGINE UNDER COVER AND OIL PAN PROTECTOR****36. INSTALL HOOD**

37. PERFORM ROAD TEST

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

38. RECHECK ENGINE COOLANT AND OIL LEVELS