

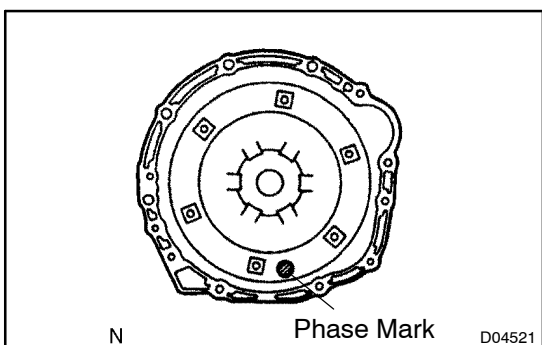
INSTALLATION

1. CHECK TORQUE CONVERTER CLUTCH INSTALLATION

Using calipers and a straight edge, measure the distance from the installed surface of the transmission housing to the installed surface of the torque converter.

Correct distance: More than 1.0 mm (0.039 in.)

If the distance is less than the standard, check for an improper installation.



2. INSTALL TRANSMISSION

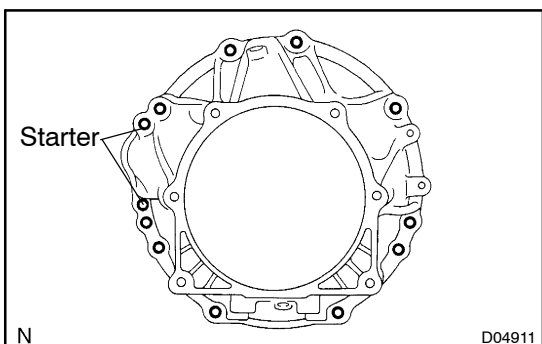
- (a) Align the torque converter with the drive plate. Depending on the color of the phase mark on the torque converter, change the position of drive plate phase mark and reassemble the drive plate and torque converter.

NOTICE:

Reassemble the torque converter to the drive plate with the phase mark always at the bottom side of the vehicle.

HINT:

- When the torque converter mark color is blue, the drive plate mark position should be on the top side of vehicle.
 - When the torque converter mark color is yellow, the drive plate mark position should be on the bottom side of vehicle.
- (b) Install the transmission to the engine.



- (c) Install the 10 bolts and then connect the ground cable.

Torque: 72 N·m (730 kgf·cm, 52 ft·lbf)

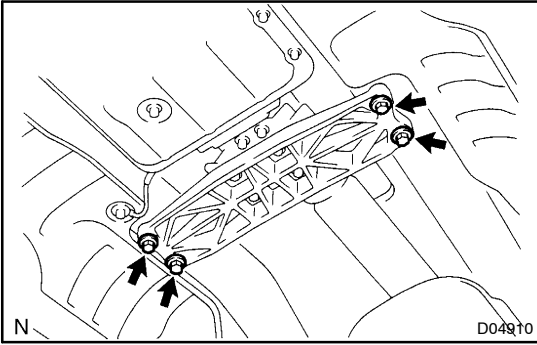
3. CONNECT STARTER

Install the starter with the 2 bolts.

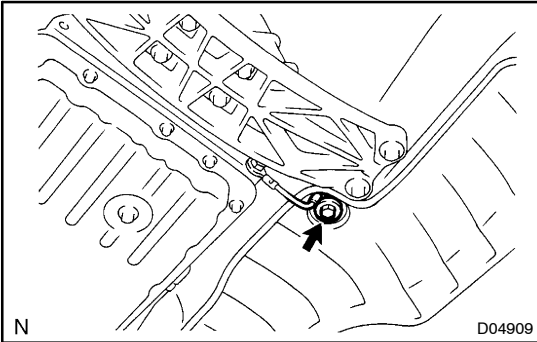
Torque: 37 N·m (380 kgf·cm, 27 ft·lbf)

4. CONNECT CONNECTOR AND WIRE HARNESS

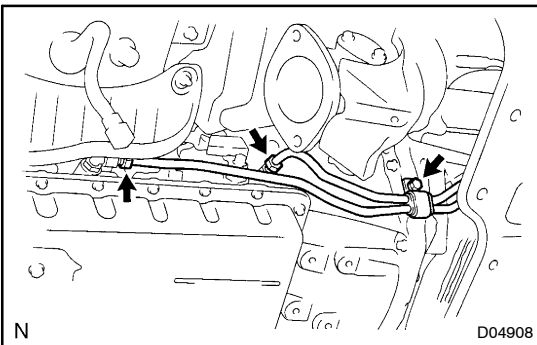
- (a) Connect the O/D direct clutch speed sensor, vehicle speed sensor, neutral start switch and solenoid connectors.
- (b) Connect the wire harness to the clamp on the transmission.



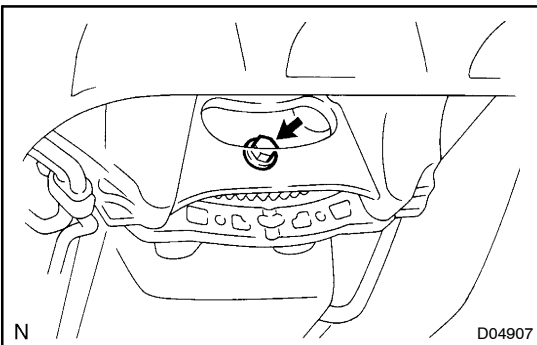
- 5. INSTALL 4 ENGINE REAR MOUNTING SET BOLT**
Torque: 26 N·m (265 kgf·cm, 19 ft·lbf)



- 6. CONNECT GROUND CABLE**



- 7. CONNECT OIL COOLER PIPE**
- Connect the 2 oil cooler pipes to the transmission.
 - Install the clamp with the bolt.
 - Tighten the 2 union nuts to the transmission.
- Torque: 44 N·m (450 kgf·cm, 32 ft·lbf)

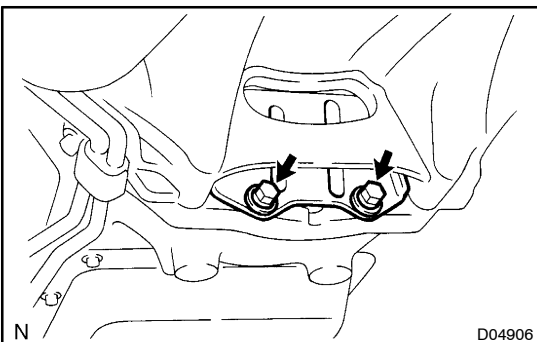


- 8. INSTALL TORQUE CONVERTER MOUNTING BOLT**
Hold the crankshaft pulley bolt with a wrench and install the 6 bolts.

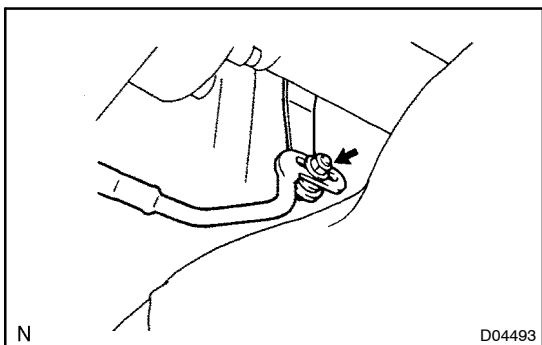
HINT:

First install white colored bolt and then 5 other bolts.

Torque: 54 N·m (550 kgf·cm, 40 ft·lbf)



- 9. INSTALL HOLE PLUG**
Install the hole plug to the transmission with the 2 bolts.
Torque: 18 N·m (185 kgf·cm, 13 ft·lbf)

**10. CONNECT SHIFT LEVER**

Connect the shift lever and install the nut.

Torque: 13 N·m (130 kgf·cm, 9 ft·lbf)

11. INSTALL PROPELLER SHAFT ASSEMBLY

(See page PR-10)

12. INSTALL FRONT FLOOR UNDER REINFORCEMENT

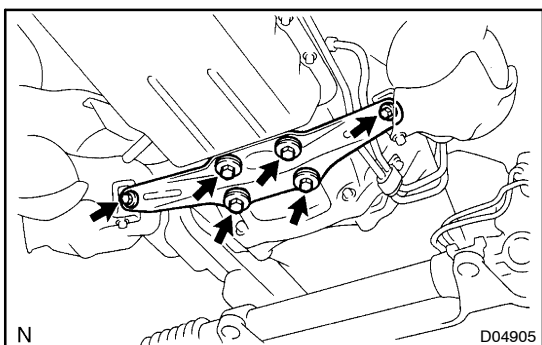
Torque: 13 N·m (132 kgf·cm, 10 ft·lbf)

13. INSTALL FRONT FLOOR INSULATOR NO. 1

Torque: 5.5 N·m (56 kgf·cm, 49 in·lbf)

14. INSTALL REAR CENTER FLOOR UNDER REINFORCEMENT

Torque: 13 N·m (132 kgf·cm, 10 ft·lbf)

**15. INSTALL EXHAUST PIPE SUPPORT BRACKET**

Install the exhaust pipe support bracket with the 6 bolts.

Torque: 44 N·m (450 kgf·cm, 32 ft·lbf)

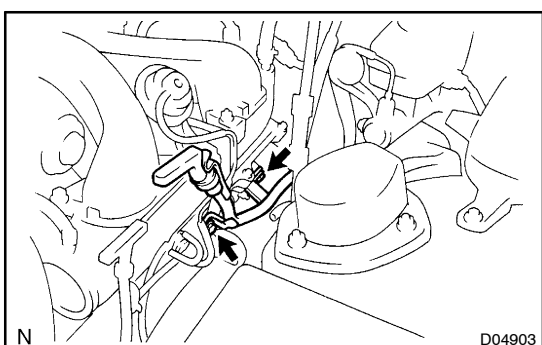
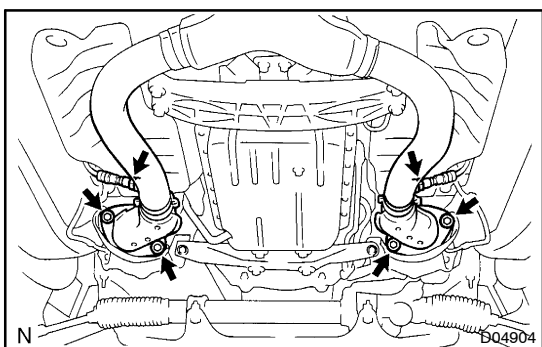
16. INSTALL EXHAUST PIPE ASSEMBLY

(a) Install the 6 O-rings, exhaust pipe assembly and new 2 gaskets.

(b) Install the 2 catalytic converter supporting brackets with the 4 bolts.

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

(c) Install the 2 heated oxygen sensor.

17. INSTALL ENGINE UNDER COVER NO. 1**18. INSTALL ATF FILLER PIPE**

Install the ATF filler pipe with 2 bolts.

Torque: 11.5 N·m (117 kgf·cm, 9 ft·lbf)

19. INSTALL LEVEL GAUGE**20. INSTALL BATTERY TRAY, BATTERY, BATTERY CLAMP AND BATTERY CLAMP COVER****21. CHECK AND ADJUST SHIFT LEVER POSITION**

(See page DI-3)

22. FILL ATF AND CHECK FLUID LEVEL

(See page DI-3)

23. CONDUCT ROAD TEST OF VEHICLE
(See [page DI-3](#))