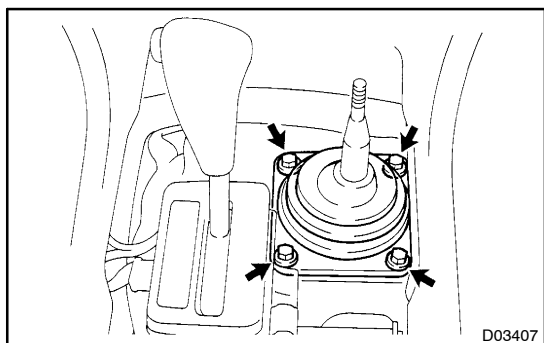


REMOVAL

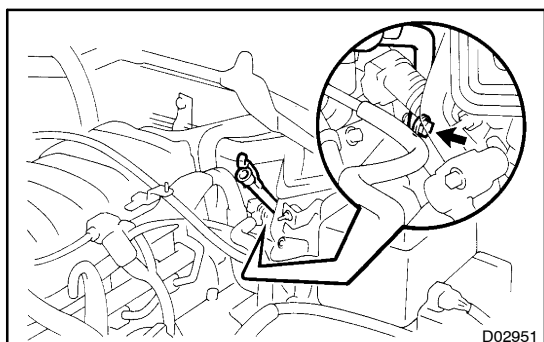
1. REMOVE UPPER CONSOLE PANEL

- (a) Remove the transfer shift lever knob.
- (b) Remove the upper console panel.
- (c) Disconnect the connector from the upper console panel.



2. REMOVE TRANSFER SHIFT LEVER BOOT

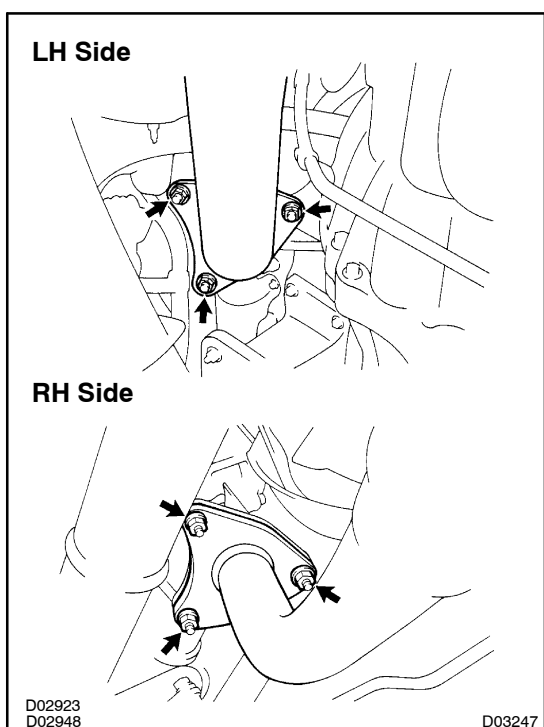
Remove the 4 bolts and transfer shift lever boot.



3. REMOVE OIL FILLER PIPE UPPER SIDE MOUNTING BOLT

- (a) Remove the oil level gauge.
- (b) Remove the upper side mounting bolt.
Torque: 11.5 N·m (120 kgf·cm, 8 ft·lbf)
- (c) Loosen the 2 clips and disconnect the 2 bleeder hoses.

4. REMOVE NO.1 AND NO.2 ENGINE UNDER COVERS



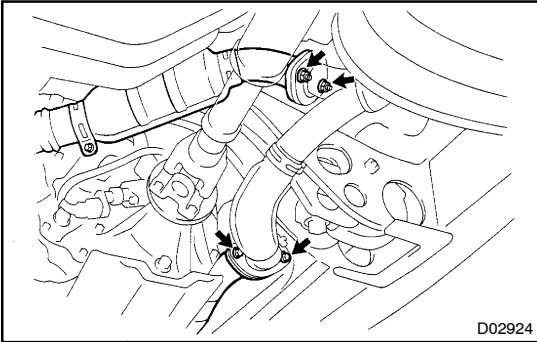
5. REMOVE LH AND RH FRONT EXHAUST PIPE

- (a) Remove the 6 nuts.

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

HINT:

After the time of installation, please refer to the following item.
Replace the used nuts with new ones.



(b) Remove the 4 bolts and nuts.

Torque: 40 N·m (408 kgf·cm, 29 ft·lbf)

HINT:

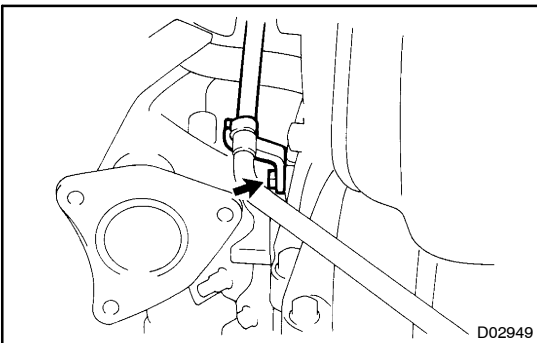
After the time of installation, please refer to the following item. Replace the used nuts with new ones.

(c) Remove the LH and RH front exhaust pipes and 4 gaskets.

HINT:

After the time of installation, please refer to the following item. Replace the used gaskets with new ones.

6. REMOVE FRONT AND REAR PROPELLER SHAFTS (See page PR-4)



7. REMOVE OIL FILLER PIPE

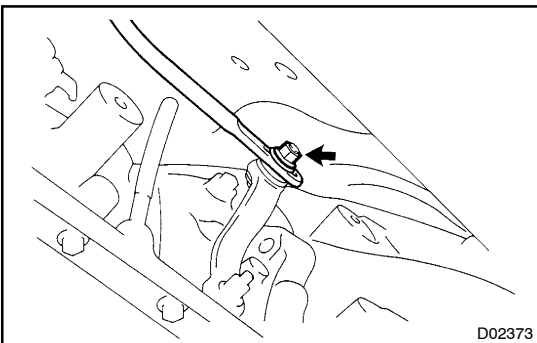
(a) Remove the bolt and oil filler pipe.

Torque: 11.5 N·m (120 kgf·cm, 8 ft·lbf)

(b) Remove the O-ring from the oil filler pipe.

HINT:

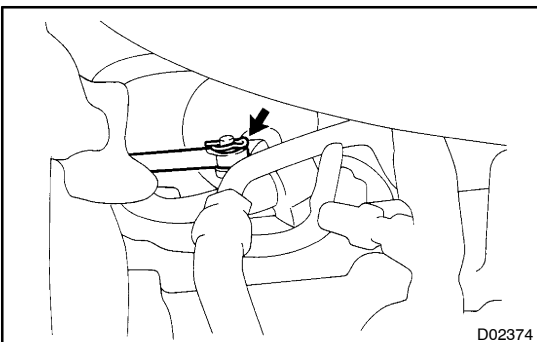
After the time of installation, please refer to the following item. Replace the used O-ring with a new one.



8. DISCONNECT TRANSMISSION SHIFT LEVER LINK

Remove the nut and washer, and disconnect the transmission shift lever link.

Torque: 13 N·m (130 kgf·cm, 9 ft·lbf)

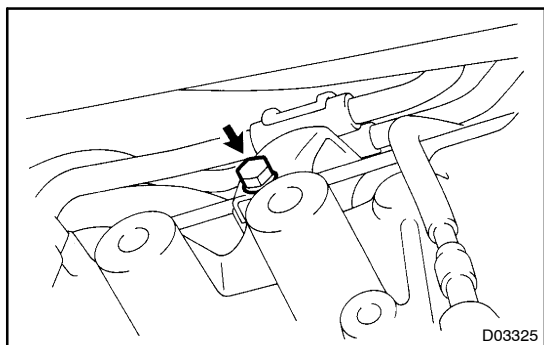


9. DISCONNECT TRANSFER SHIFT LEVER LINK

Remove the clip, washer and wave washer, and disconnect the transfer shift lever link.

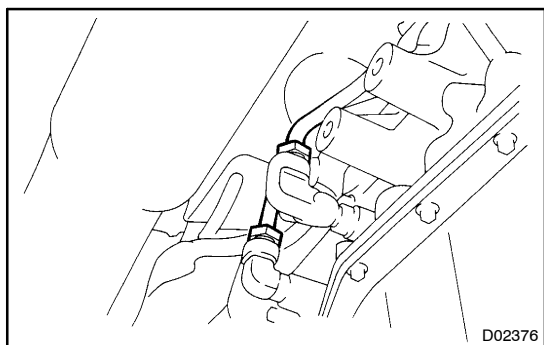
10. DISCONNECT NO.1 SPEED SENSOR, TRANSFER NEUTRAL POSITION SWITCH, TRANSFER L4 POSITION SWITCH, TRANSFER 4WD POSITION SWITCH, ACTUATOR CONNECTORS FROM TRANSFER

11. DISCONNECT NO.2 SPEED SENSOR, NEUTRAL START SWITCH, SOLENOID CONNECTORS FROM TRANSMISSION

**12. DISCONNECT OIL COOLER PIPE**

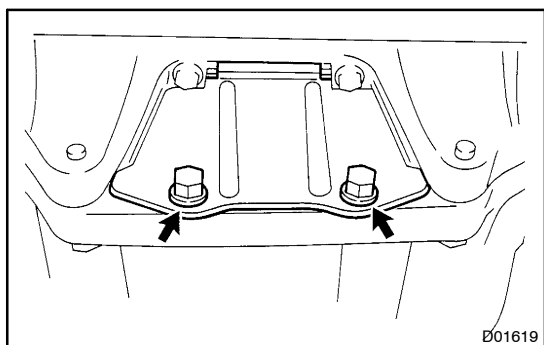
- (a) Remove the oil cooler pipe mounting bolt.

Torque: 11.5 N·m (120 kgf·cm, 8 ft·lbf)



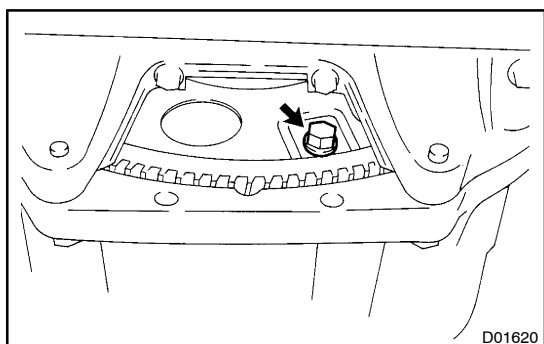
- (b) Loosen the 2 union nuts and disconnect the 2 oil cooler pipes.

Torque: 69 N·m (700 kgf·cm, 51 ft·lbf)

**13. REMOVE HOLE PLUG**

Remove the 2 bolts and hole cover.

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

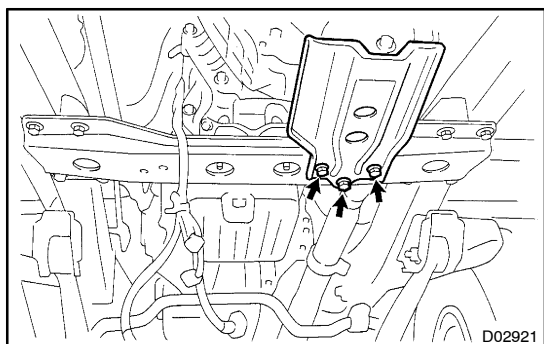
**14. REMOVE TORQUE CONVERTER MOUNTING BOLT**

Turn the crankshaft to gain access and remove the 6 bolts with holding the crankshaft pulley set bolt by a wrench.

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

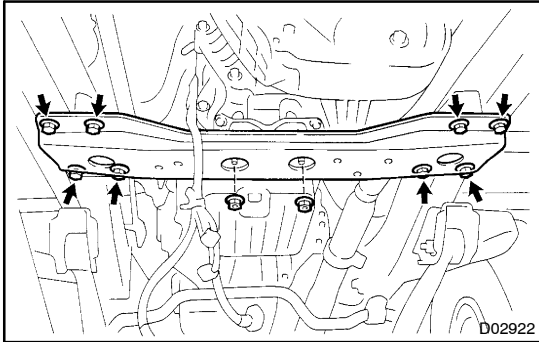
HINT:

At the time of installation, please refer to the following item.
First install green colored bolt and then 5 other bolts.

**15. REMOVE TRANSFER CASE PROTECTOR**

Remove the 3 bolts and transfer case protector.

Torque: 28 N·m (290 kgf·cm, 21 ft·lbf)

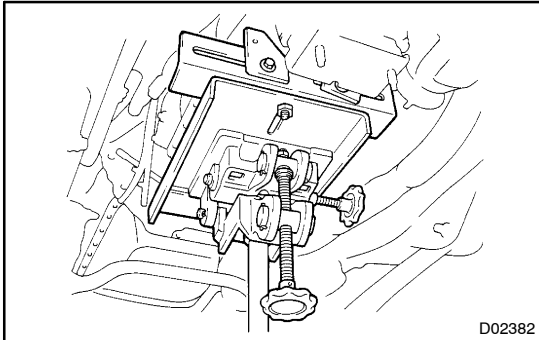
**16. REMOVE CROSSMEMBER**

- (a) Remove the transmission rear side with a support stand.
- (b) Remove the 2 nuts.

Torque: 59 N·m (600 kgf·cm, 43 ft·lbf)

- (c) Remove the 8 bolts and crossmember.

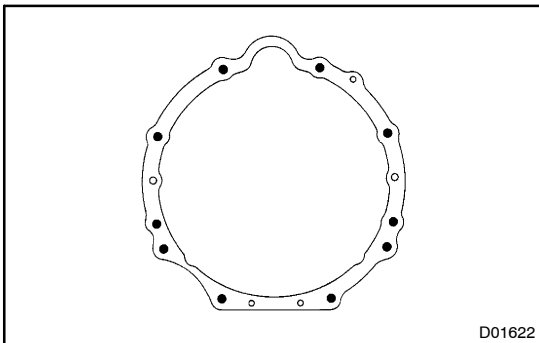
Torque: 50 N·m (510 kgf·cm, 37 ft·lbf)



- (d) Support the transmission with a jack.
- (e) Remove the support stand from the transmission rear side.

17. REMOVE TRANSMISSION

- (a) Lower the transmission.
- (b) Separate the wire harness from the clamp of the transmission and transfer.



- (c) Remove the 10 bolts and transmission.

Torque: 72 N·m (730 kgf·cm, 53 ft·lbf)