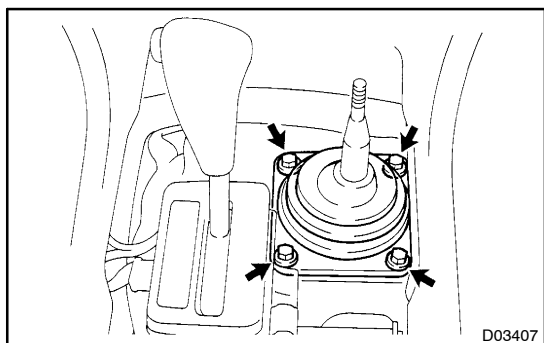


## REMOVAL

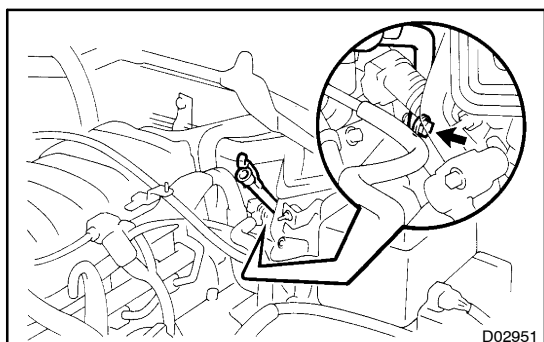
### 1. REMOVE UPPER CONSOLE PANEL

- Remove the transfer shift lever knob.
- Remove the upper console panel.
- Disconnect the connector from the upper console panel.



### 2. REMOVE TRANSFER SHIFT LEVER BOOT

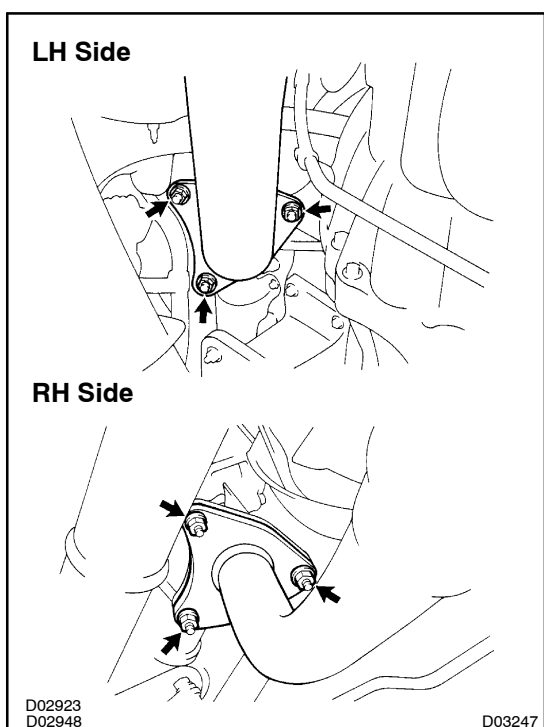
Remove the 4 bolts and transfer shift lever boot.



### 3. REMOVE OIL FILLER PIPE UPPER SIDE MOUNTING BOLT

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

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



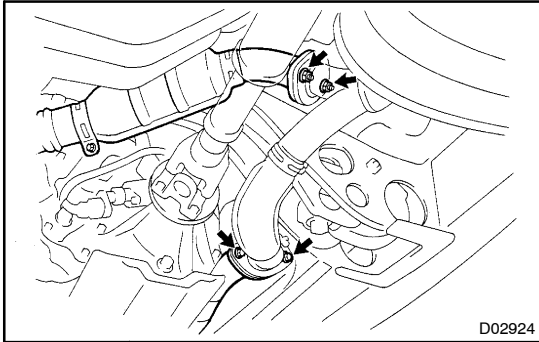
### 5. REMOVE LH AND RH FRONT EXHAUST PIPE

- 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:

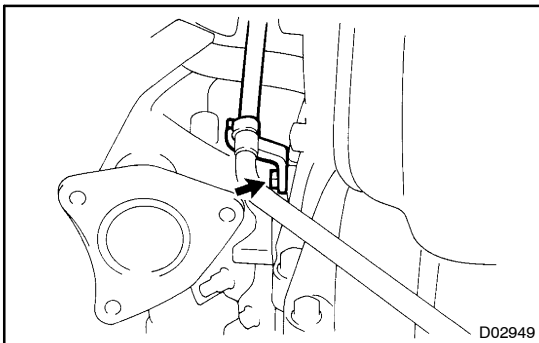
After the time of installation, please refer to the following item.  
Replace the used nuts with new ones.

- (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

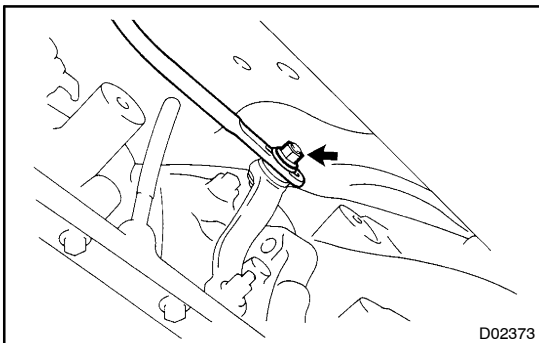
- (a) Remove the bolt and oil filler pipe.

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

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

HINT:

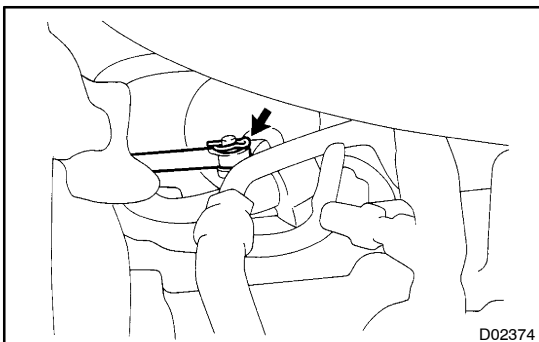
After the time of installation, please refer to the following item.  
Replace the used O –ring with a new one.



## 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)**

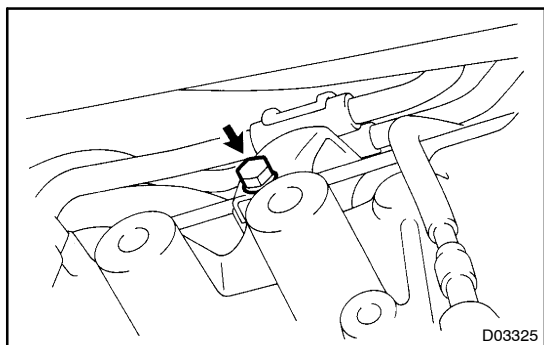


## 9. DISCONNECT TRANSFER SHIFT LEVER LINK

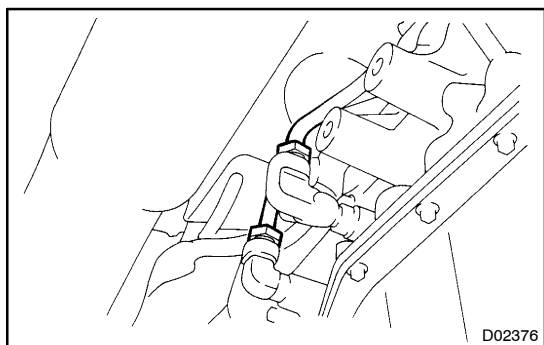
Remove the clip, washer and wave washer, and disconnect the transfer shift lever link.

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

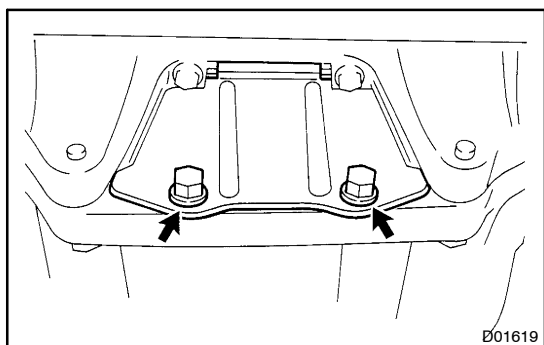
## 11. DISCONNECT NO.2 SPEED SENSOR, NEUTRAL START SWITCH, SOLENOID CONNECTORS FROM TRANSMISSION

**12. DISCONNECT OIL COOLER PIPE**

- (a) Remove the oil cooler pipe mounting bolt.  
**Torque: 11.5 N·m ( 120 kgf·cm, 8 ft·lbf)**

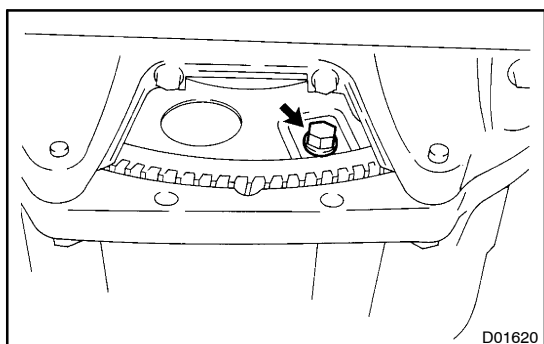


- (b) Loosen the 2 union nuts and disconnect the 2 oil cooler pipes.  
**Torque: 69 N·m (700 kgf·cm, 5 1 ft·lbf)**

**13. REMOVE HOLE PLUG**

Remove the 2 bolts and hole cover.

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

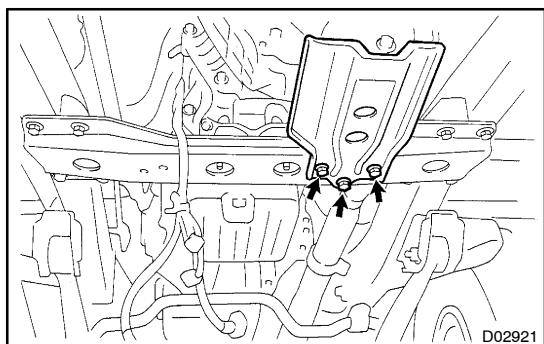
**14. REMOVE TORQUE CONVERTER MOUNTING BOLT**

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)**

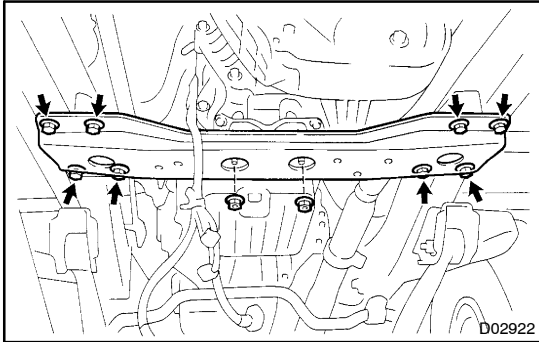
**HINT:**

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, 2 1 ft·lbf)**

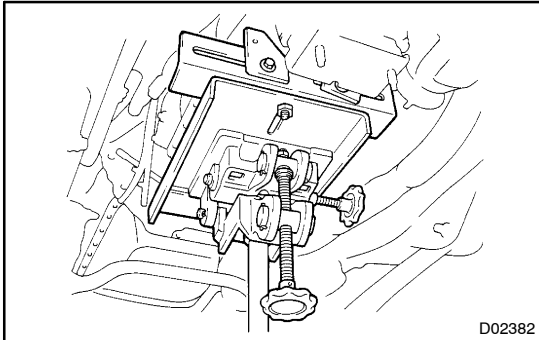
**16. REMOVE CROSSMEMBER**

- (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.

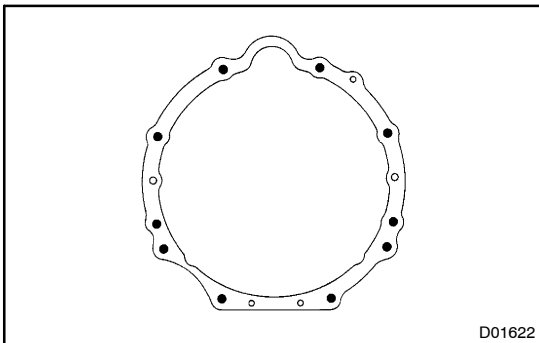
**Torque: 50 N·m (5 10 kgf·cm, 37 ft·lbf)**



- (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)**