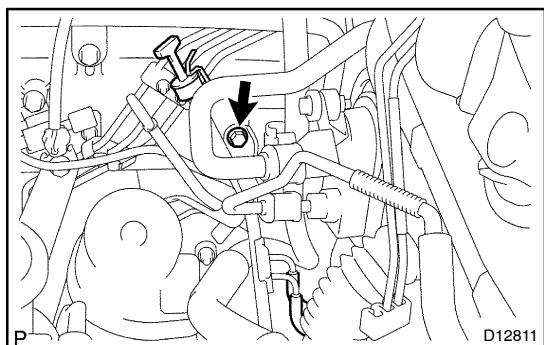


## REMOVAL

### 1. REMOVE BATTERY

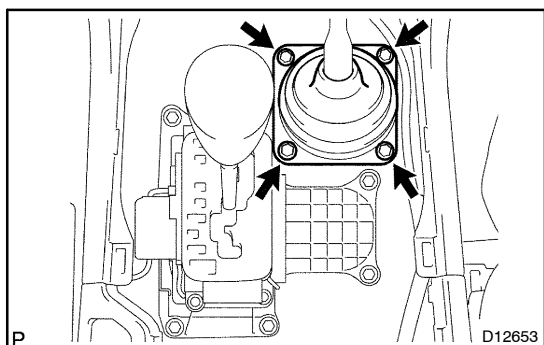


### 2. REMOVE OIL FILLER PIPE UPPER SIDE MOUNTING BOLT

- (a) Remove the level gauge.
- (b) Remove the upper side mounting bolt.  
**Torque: 12 N·m (122 kgf·cm, 9 ft·lbf)**
- (c) Disconnect the 2 bleeder hoses.

### 3. REMOVE TRANSFER SHIFT LEVER BOOT

- (a) Remove the transfer shift lever knob.
- (b) Remove upper console panel (See page BO-79).

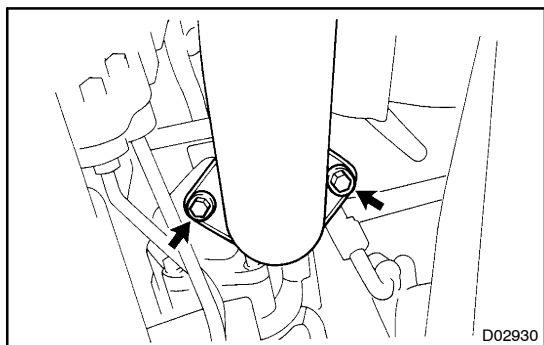


- (c) Remove the 4 bolts and transfer shift lever boot.

**Torque: 5.4 N·m (55 kgf·cm, 48 in·lbf)**

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

**Torque: 29 N·m (296 kgf·cm, 21 ft·lbf)**



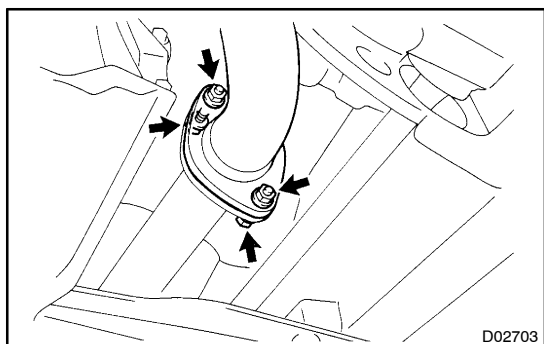
### 5. REMOVE FRONT EXHAUST PIPES

- (a) Remove the nuts.  
**Torque: 62 N·m (630 kgf·cm, 46 ft·lbf)**

#### HINT:

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

- (b) Remove the 2 bolts.  
**Torque: 62 N·m (630 kgf·cm, 46 ft·lbf)**

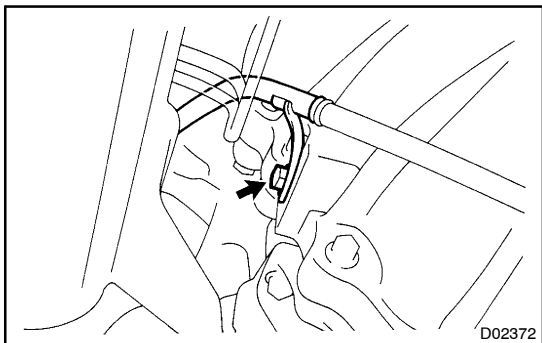


- (c) Remove the 2 bolts and nuts.  
**Torque: 40 N·m (408 kgf·cm, 29 ft·lbf)**

#### HINT:

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

### 6. REMOVE FRONT AND REAR PROPELLER SHAFTS (See Pub. No. RM6 16E on page PR -4)



## 7. REMOVE OIL FILLER PIPE

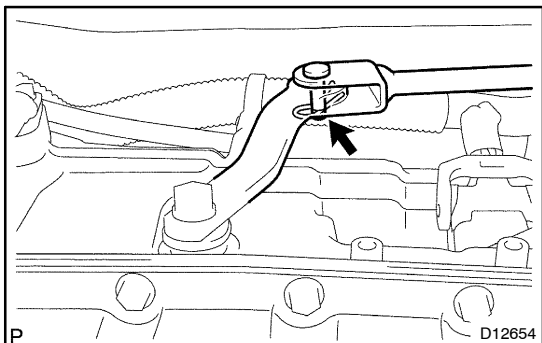
- (a) Remove the bolt and filler pipe.

**Torque: 12 N·m ( 122 kgf·cm, 9 ft·lbf)**

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

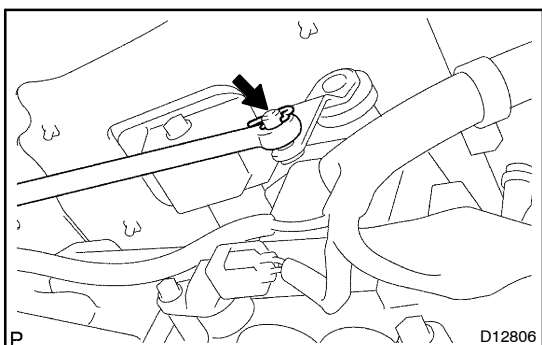
HINT:

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



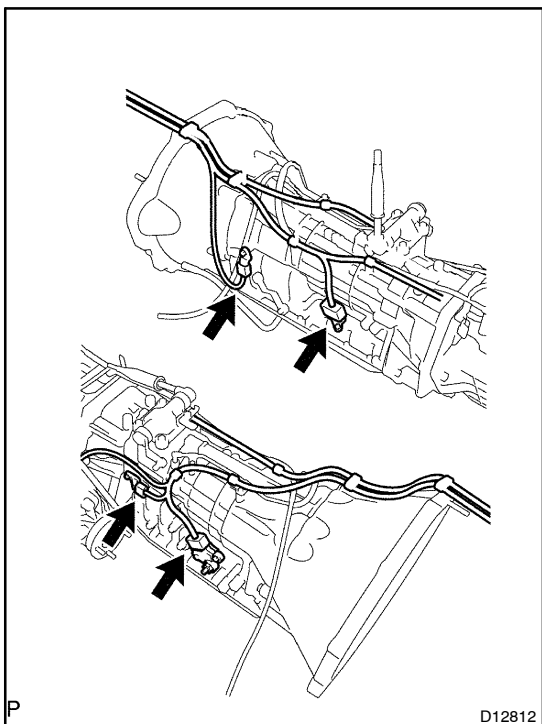
## 8. SEPARATE TRANSMISSION SHIFT CONTROL ROD

Remove the clip and pin, separate the shift control rod.



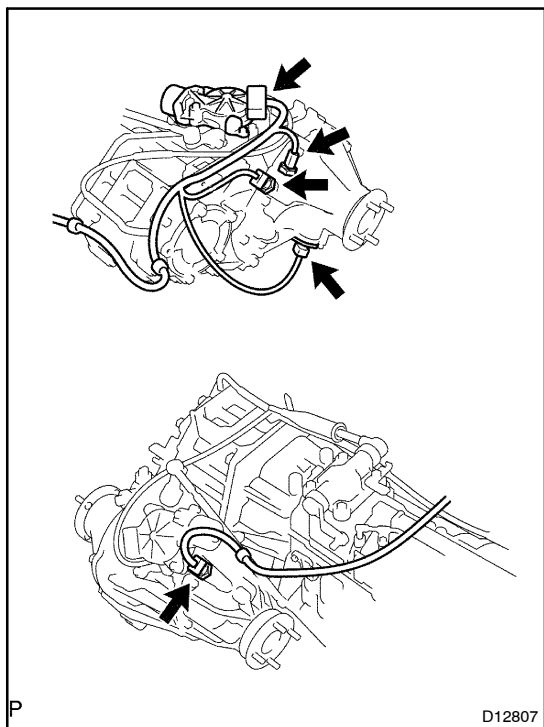
## 9. SEPARATE TRANSFER SHIFT LEVER

Remove the clip and washer, separate the transfer shift lever rod assembly.

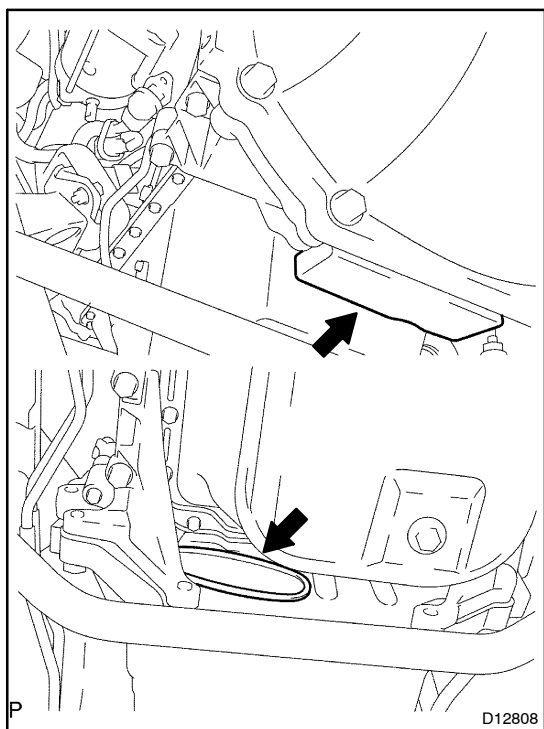


## 10. SEPARATE WIRE HARNESS

- (a) Transmission side:  
Disconnect 4 connectors.

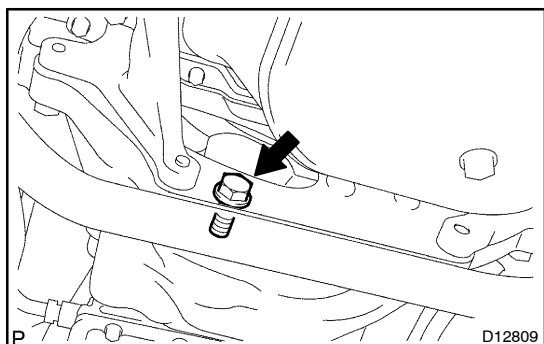


- (b) Transfer side:
- (1) Disconnect the 4 connectors.
  - (2) Disconnect the speed sensor connector.



# 11. REMOVE TORQUE CONVERTER CLUTCH MOUNTING BOLT

- (a) Remove the cylinder block insulator and hole plug.

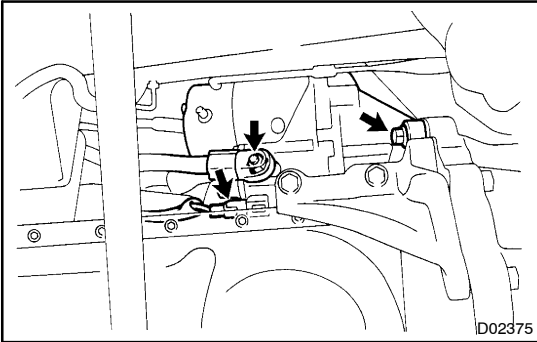


- (b) Turn the crankshaft to gain access to each bolt.
- (c) Hold the crankshaft pulley nut with a wrench and remove the 6 bolts.

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

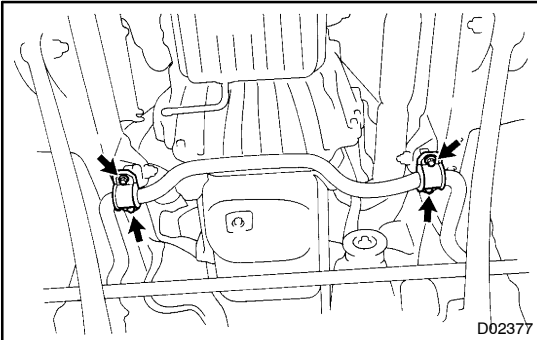
## HINT:

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

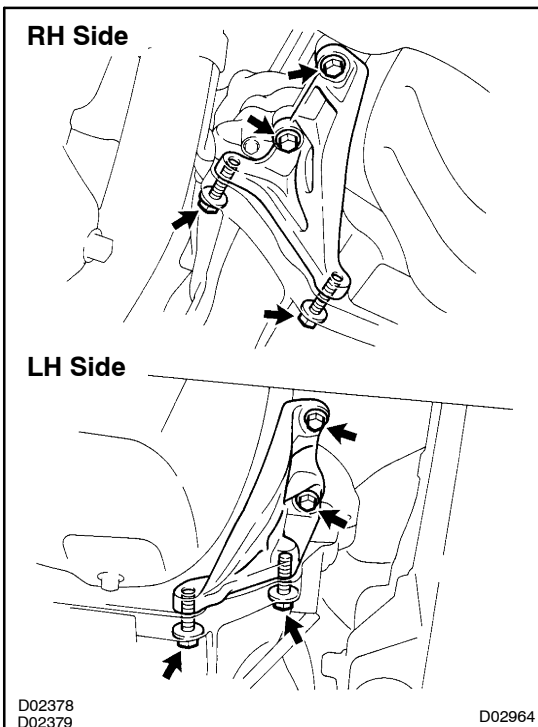
**12. REMOVE STARTER**

- (a) Remove the nut and disconnect the starter wire and connector.
- (b) Remove the bolt and starter.

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

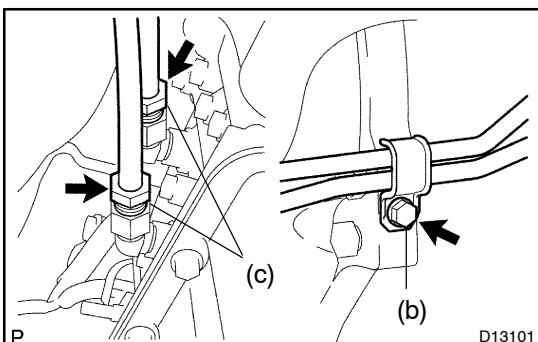
**13. REMOVE 4 STABILIZER MOUNTING BOLTS**

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

**14. REMOVE LH AND RH STIFFENER PLATE**

Remove the 8 bolts and LH and RH stiffener plates.

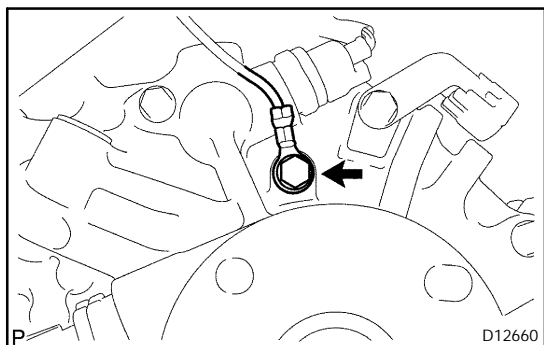
**Torque: 68 N·m (693 kgf·cm, 50 ft·lbf)**

**15. DISCONNECT OIL COOLER PIPES**

- (a) Loosen the 2 union nuts.
- (b) Remove the bolt and clamp.
- (c) Remove the 2 union nuts, disconnect the 2 oil cooler pipes.

**Torque: 12 N·m ( 122 kgf·cm, 9 ft·lbf)**

**Torque: 34 N·m (347 kgf·cm, 25 ft·lbf)**

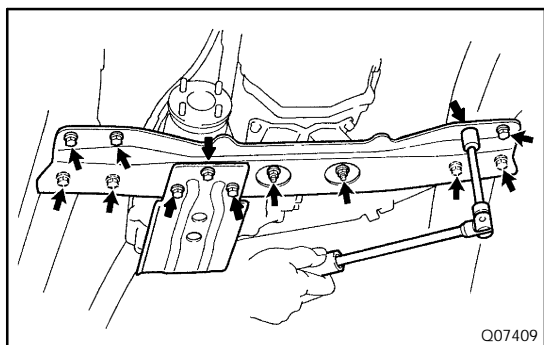
**16. SEPARATE GROUND CABLE**

Remove the bolt, separate the ground cable.

**Torque: 8.0 N·m (82 kgf·cm, 71 in·lbf)**

**17. REMOVE CROSSMEMBER AND TRANSTER CASE PROTECTOR**

(a) Support the transmission with a jack.



(b) Remove the 3 bolts and transfer case protector.

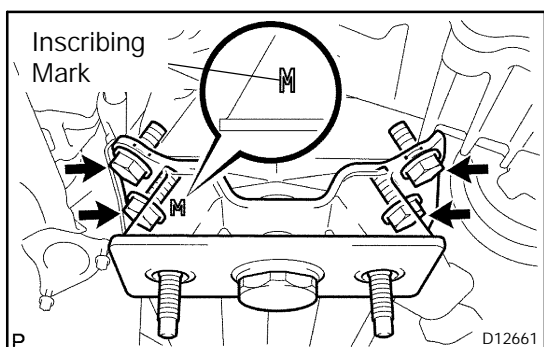
**Torque: 29 N·m (296 kgf·cm, 21 ft·lbf)**

(c) Remove the 8 bolts, 2 nuts and crossmember.

**Torque:**

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

**Nut: 74 N·m (750 kgf·cm, 54 ft·lbf)**

**18. REMOVE ENGINE MOUNTING INSULATOR RR**

Remove the 4 bolts and engine mounting insulator RR.

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

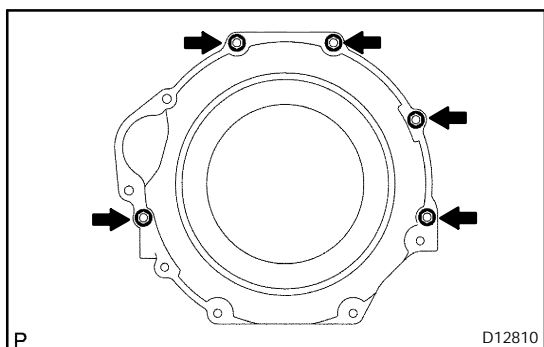
**HINT:**

At the time of installation, install the insulator rear with the inscribing mark facing backward.

**19. REMOVE TRANSMISSION**

(a) Lower the rear end of the transmission unit.

(b) Remove the transmission wire clamp bolt.



(c) Remove the 4 bolts and transmission unit.

**Torque: 71 N·m (724 kgf·cm, 52 ft·lbf)**