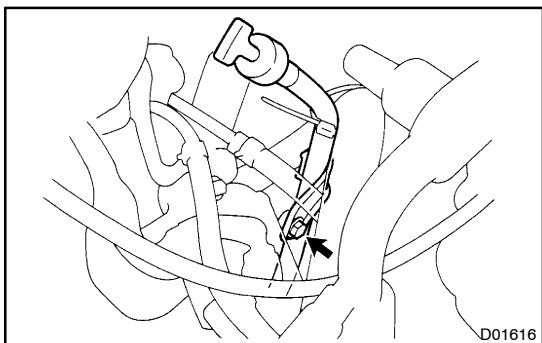
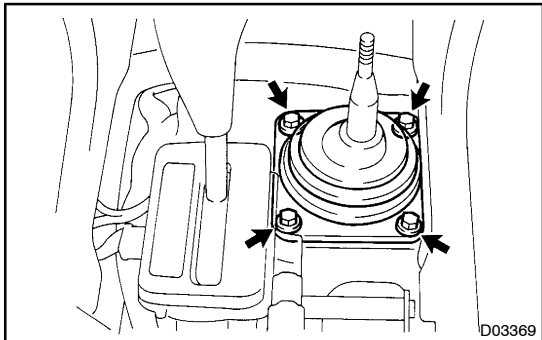
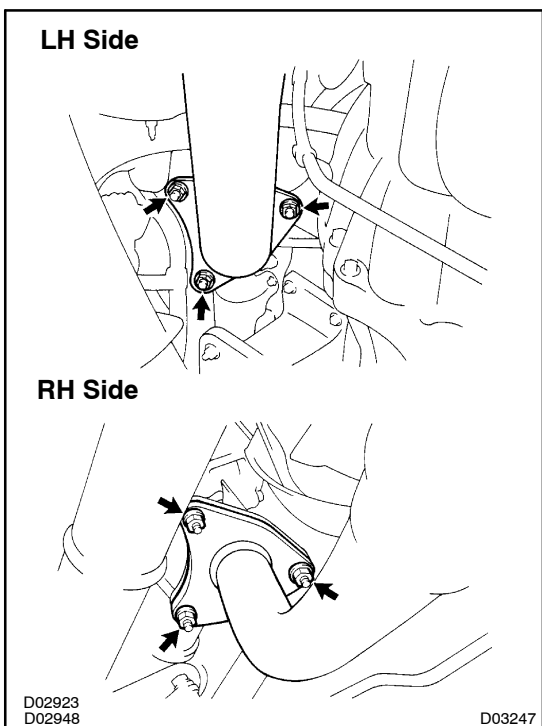


## REMOVAL

1. REMOVE BATTERY
2. REMOVE DRIVE BELT, FAN WITH FLUID COUPLING  
WATER PUMP PULLEY, FAN SHROUD AND RADIATOR RESERVOIR TANK
3. REMOVE TRANSFER SHIFT LEVER COVER
  - (a) Remove the transfer shift lever knob.
  - (b) Remove the upper consol panel ([See page BO-127](#)).
  - (c) Remove the 4 bolts and transfer shift lever cover.  
**Torque: 5.9 N·m (60 kgf·cm, 52 in·lbf)**



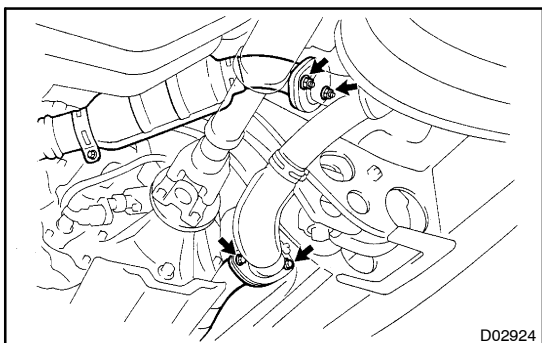
4. REMOVE OIL FILLER PIPE UPPER SIDE MOUNTING BOLT
  - (a) Remove the level gauge.
  - (b) Remove the upper side mounting bolt.  
**Torque: 11.5 N·m ( 120 kgf·cm, 8 ft·lbf)**
  - (c) Disconnect the bleeder hose.
5. REMOVE NO. 1 AND NO.2 ENGINE UNDER COVERS



6. 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:

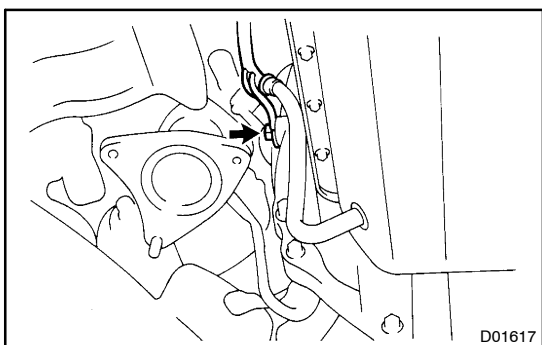
After the time of installation, please refer to the following item.  
Replace the used nuts with new ones.

- (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.

**7. REMOVE FRONT AND REAR PROPELLER SHAFT**  
(See page PR-4)



**8. REMOVE OIL FILLER PIPE**

- (a) Remove the bolt and filler pipe.

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

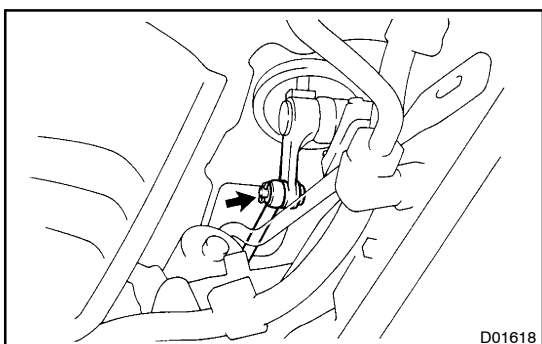
- (b) Remove the O-ring from the oil filler pipe.

HINT:

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

**9. REMOVE SHIFT CONTROL ROD**

**Torque: 13 N·m ( 130 kgf·cm, 9 ft·lbf)**



**10. DISCONNECT TRANSFER SHIFT LEVER**

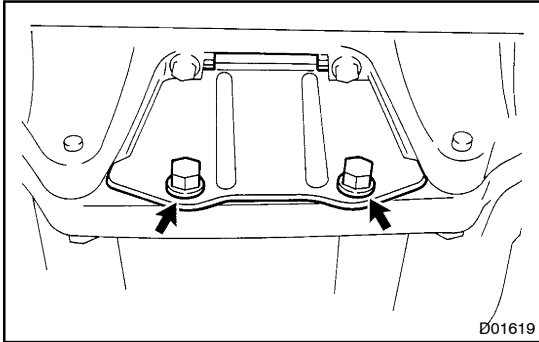
Remove the clip, washer and color, and disconnect the transfer shift lever link.

**11. DISCONNECT NO. 1 SPEED SENSOR, CENTER DIFF.**

**LOCK INDICATOR SWITCH, L4 POSITION SWITCH, NEUTRAL POSITION SWITCH, MOTOR ACTUATOR CONNECTORS FROM TRANSFER**

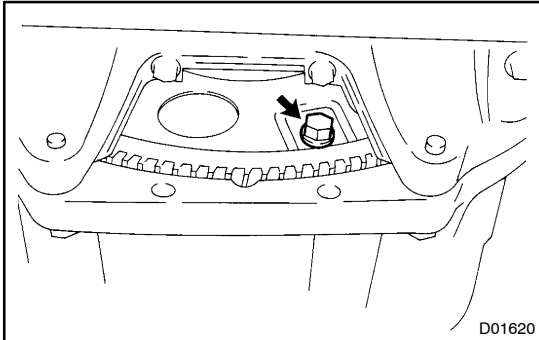
**12. DISCONNECT NO.2 SPEED SENSOR, O/D DIRECT**

**CLUTCH SPEED SENSOR, ATF TEMPERATURE SENSOR, NEUTRAL START SWITCH, SOLENOID CONNECTORS FROM TRANSMISSION**

**13. REMOVE TORQUE CONVERTER MOUNTING BOLT**

- (a) Remove the 2 bolts and converter hole plug.

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

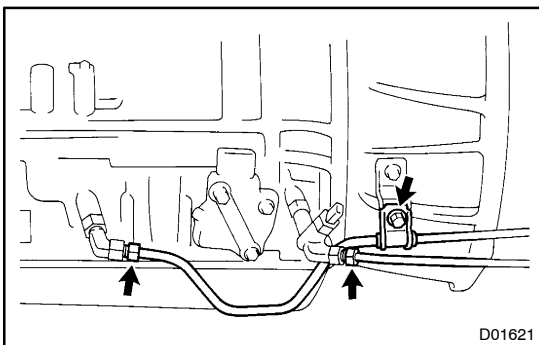


- (b) Turn the crankshaft to gain access and remove the 6 bolts with holding the crankshaft pulley set bolt by a wrench.

**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.

**14. REMOVE OIL COOLER PIPE UNION NUT**

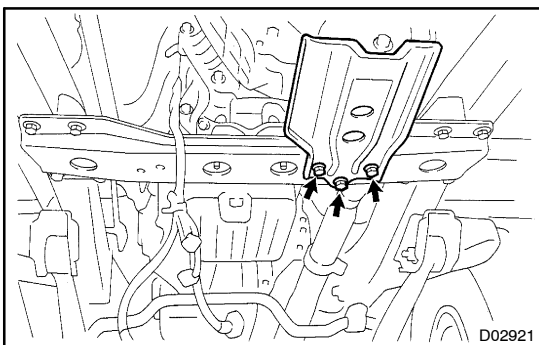
- (a) Loosen the 2 oil cooler pipe union nuts.  
(b) Remove the oil cooler pipe mounting bolt.  
(c) Remove the 2 oil cooler pipe union nuts.

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

**Torque: 69 N·m (700 kgf·cm, 40 ft·lbf)**

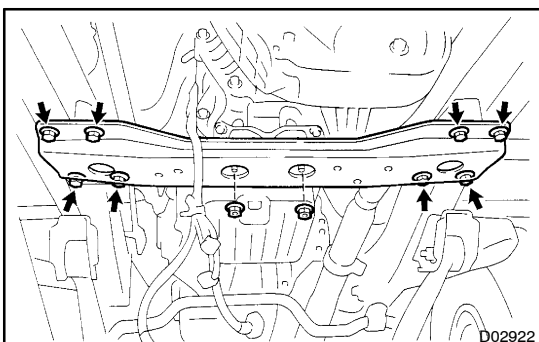
**15. REMOVE CROSSMEMBER**

- (a) Support the transmission with a transmission jack.



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

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



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

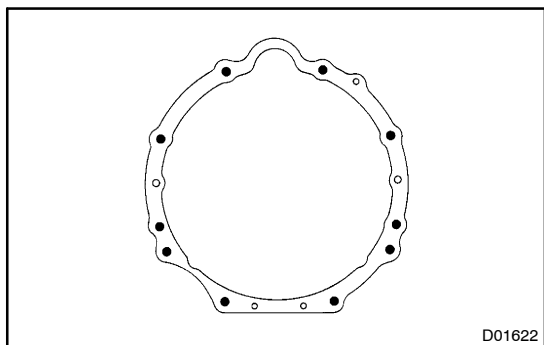
**Torque:**

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

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

**16. REMOVE TRANSMISSION**

- (a) Lower the rear end of the transmission.  
(b) Remove the transmission wire clamp bolt.



(c) Remove the 10 bolts and transmission.

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