

## REMOVAL

### 1. REMOVE ATF LEVEL GAUGE

### 2. REMOVE OIL FILLER PIPE

Remove the bolt and oil filler pipe with O-ring.

**Torque: 12 N·m (120 kgf-cm, 9 ft-lbf)**

#### HINT:

At the time of installation, please refer to the following item.

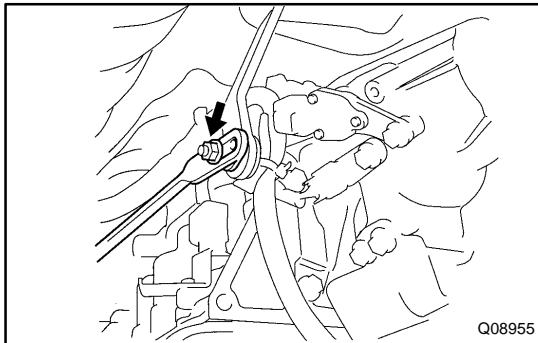
Replace the used O-ring with a new one.

### 3. REMOVE 2 ENGINE UNDER COVERS

### 4. REMOVE PROPELLER SHAFT (See page [PR-4](#))

### 5. REMOVE FRONT EXHAUST PIPE

(See page [EM-105](#))



### 6. DISCONNECT TRANSMISSION CONTROL ROD FROM SHIFT LEVER

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

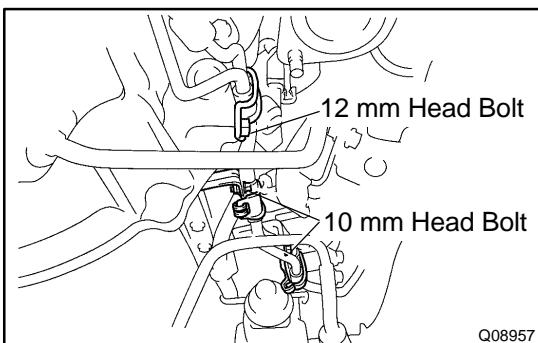
### 7. DISCONNECT NO. 2 VEHICLE SPEED SENSOR CONNECTOR FROM TRANSMISSION

### 8. DISCONNECT SOLENOID WIRE CONNECTOR FROM TRANSMISSION

### 9. DISCONNECT ATF TEMPERATURE SENSOR CONNECTOR FROM TRANSMISSION

### 10. DISCONNECT PARK/NEUTRAL POSITION SWITCH CONNECTOR FROM TRANSMISSION

### 11. SEPARATE WIRE HARNESS FROM TRANSMISSION



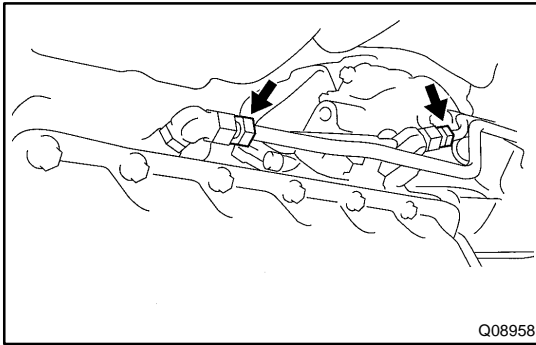
### 12. DISCONNECT OIL COOLER PIPE

(a) Remove the 3 bolts and oil cooler pipe clamps.

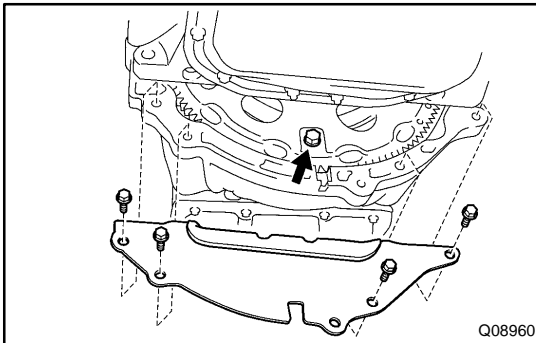
#### Torque:

**10 mm head bolt: 5.0 N·m (51 kgf-cm, 44 in.-lbf)**

**12 mm head bolt: 12 N·m (120 kgf-cm, 9 ft-lbf)**



- (b) Disconnect the 2 oil cooler pipes.  
**Torque: 34 N·m (350 kgf-cm, 25 ft-lbf)**



### 13. REMOVE REAR END PLATE AND TORQUE CONVERTER CLUTCH MOUNTING BOLT

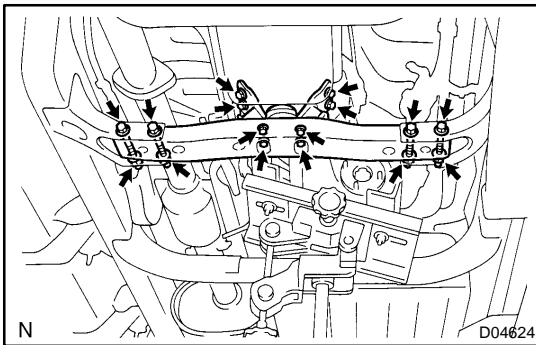
- (a) Remove the 4 bolts and rear end plate.  
**Torque: 18 N·m (185 kgf-cm, 13 ft-lbf)**  
 (b) Turn the crankshaft to gain access and remove the 6 bolts with holding the crankshaft pulley set bolt by a wrench.  
**Torque: 41 N·m (420 kgf-cm, 30 ft-lbf)**

#### HINT:

At the time of installation, first install green colored bolt and then 5 other bolts.

### 14. JACK UP TRANSMISSION SLIGHTLY

Using a transmission jack, support the transmission.



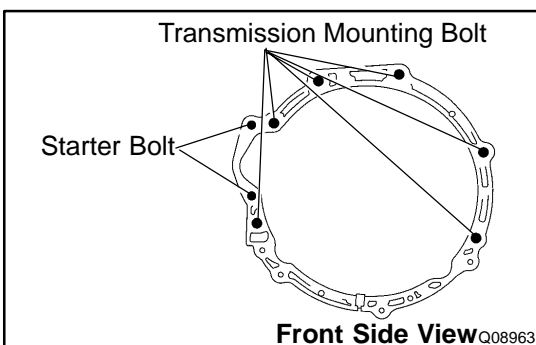
### 15. REMOVE NO. 3 CROSSMEMBER

- (a) Remove the 4 set bolts of the engine rear mounting.  
**Torque: 18 N·m (185 kgf-cm, 13 ft-lbf)**  
 (b) Remove the 4 bolts, nuts and No. 3 crossmember.  
**Torque: 65 N·m (660 kgf-cm, 48 ft-lbf)**

### 16. REMOVE ENGINE REAR MOUNTING

Remove the 4 bolts and engine rear mounting from the transmission.

**Torque: 65 N·m (660 kgf-cm, 48 ft-lbf)**



### 17. REMOVE STARTER

- (a) Remove the nut and disconnect the starter wire and connector.  
 (b) Remove the 2 bolts and starter.  
**Torque: 39 N·m (400 kgf-cm, 29 ft-lbf)**

### 18. REMOVE TRANSMISSION

Remove the 6 bolts and transmission.

**Torque: 71 N·m (730 kgf-cm, 53 ft-lbf)**