

## REMOVAL

### 1. REMOVE TRANSMISSION SHIFT LEVER

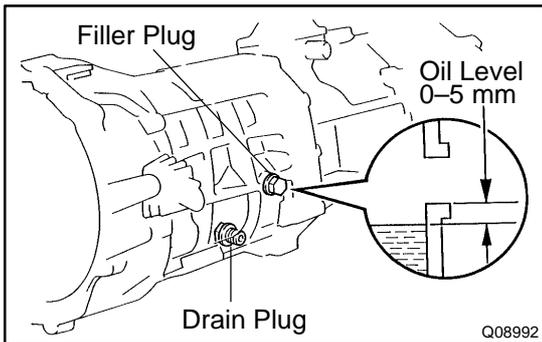
- (a) Remove the front and rear console boxes and the rear console box cover.  
(See page [BO-48](#))
- (b) Remove the 4 screws and front console box.
- (c) Remove the 4 screws and shift lever boot and retainer.
- (d) Cover the shift lever cap with a cloth.
- (e) Pressing down on the shift lever cap and rotate it counterclockwise to remove.
- (f) Pull out the shift lever.

**HINT:**

At the time of installation, please refer to the following item.  
Apply MP grease to the tip of the shift lever.

### 2. REMOVE TRANSFER SHIFT LEVER

(See page [TR-6](#))



### 3. RAISE VEHICLE AND DRAIN TRANSMISSION OIL

Oil grade: API GL-4 or GL-5

Viscosity: SAE 75W-90

Capacity: 2.2 liters (2.3 US qts, 1.9 Imp. qts)

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

### 4. REMOVE FRONT AND REAR PROPELLER SHAFTS

(See page [PR-11](#))

### 5. DISCONNECT VEHICLE SPEED SENSOR AND BACK-UP LIGHT SWITCH CONNECTORS

#### 6. w/o One Touch 2-4 Selector System:

DISCONNECT 4WD POSITION SWITCH CONNECTOR

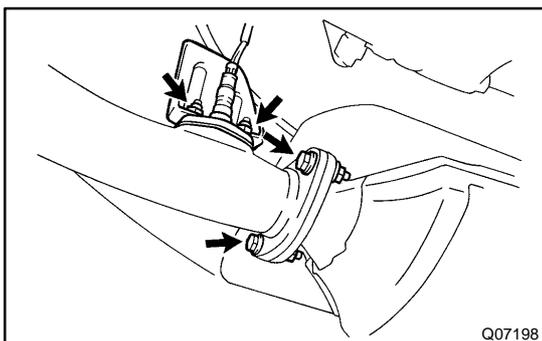
#### 7. w/ One Touch 2-4 Selector System:

DISCONNECT L4 POSITION SWITCH CONNECTOR

### 8. DISCONNECT CLUTCH RELEASE CYLINDER

Remove the 2 bolts and release cylinder.

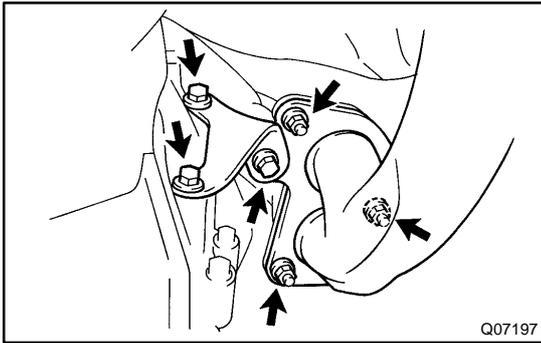
Torque: 12 N·m (120 kgf·cm, 9 ft·lbf)



### 9. REMOVE FRONT EXHAUST PIPE

- (a) Remove the 2 nuts, gasket, oxygen sensor and insulator.
- (b) Remove the 2 bolts, nuts and gasket.

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



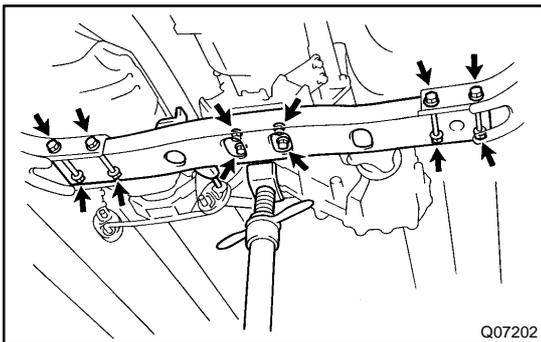
- (c) Remove the 3 bolts and bracket.  
**Torque: 44 N·m (450 kgf-cm, 33 ft-lbf)**
- (d) Remove the 3 nuts, front exhaust pipe and 2 gaskets.  
**Torque: 62 N·m (630 kgf-cm, 46 ft-lbf)**

**10. REMOVE STARTER**

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

**11. REMOVE REAR END PLATE**

- Remove the 4 bolts and rear end plate.  
**Torque: 18 N·m (185 kgf-cm, 13 ft-lbf)**



**12. REMOVE CROSSMEMBER**

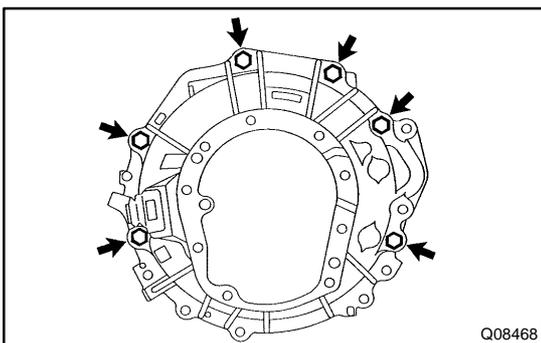
- (a) Support the transmission rear side.
- (b) Remove the 4 set bolts of the engine rear mounting.  
**Torque: 18 N·m (185 kgf-cm, 13 ft-lbf)**
- (c) Disconnect the O-ring and remove the 4 bolts, nuts and crossmember.  
**Torque: 65 N·m (660 kgf-cm, 48 ft-lbf)**

**13. REMOVE ENGINE REAR MOUNTING**

- Remove the 4 bolts and engine rear mounting.  
**Torque: 65 N·m (660 kgf-cm, 48 ft-lbf)**

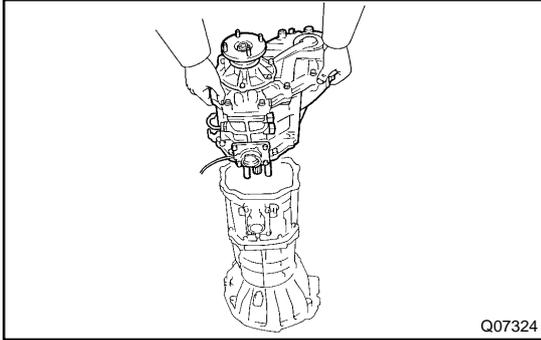
**14. JACK UP TRANSMISSION SLIGHTLY**

- Using a transmission jack, support the transmission.



**15. REMOVE TRANSMISSION**

- (a) Remove the 6 transmission mounting bolts from the engine.  
**Torque: 72 N·m (730 kgf-cm, 53 ft-lbf)**
- (b) Disconnect the wire harness from the transmission.
- (c) Pull out the transmission with the transfer down and toward the rear.

**16. REMOVE TRANSFER FROM TRANSMISSION**

- (a) Remove the transfer adaptor rear mounting bolts.

**Torque: 24 N·m (240 kgf·cm, 17 ft·lbf)**

- (b) Pull the transfer straight up and remove it from the transmission.

**HINT:**

Take care not to damage the adaptor rear oil seal with the transfer input gear spline.

**HINT:**

At the time of installation, please refer to the following item.  
Apply MP grease to the lip of the adaptor oil seal.