

## REMOVAL

### 1. Separate Seat:

#### REMOVE TRANSMISSION SHIFT LEVER

- Remove the front console panel and disconnect connectors. (See page BO-127)
- Remove the 6 bolts, shift lever boot and retainer.  
**Torque: 6.5 N·m (66 kgf·cm, 58 in·lbf)**
- Cover the shift lever cap with a cloth.
- Pressing down on the shift lever cap, rotate it counterclockwise to remove.
- 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.

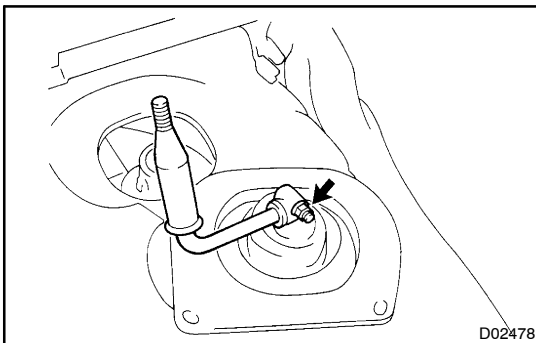
### 2. Bench Seat:

#### REMOVE TRANSMISSION SHIFT LEVER

- Remove center lower cluster finish panel and disconnect connectors. (See page BO-127)
- Remove the 2 screws and transfer lever hole cover.  
(See page BO-127)
- Remove the 4 bolts, shift lever boot and retainer.  
**Torque: 6.5 N·m (66 kgf·cm, 58 in·lbf)**
- Cover the shift lever cap with a cloth.
- Pressing down on the shift lever cap, rotate it counterclockwise to remove.
- Pull out the shift lever.

#### HINT:

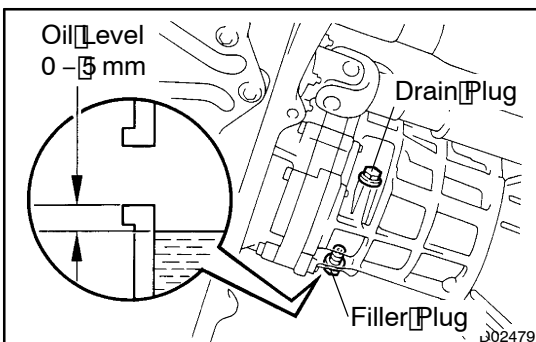
At the time of installation, please refer to the following item.  
Apply MP grease to the tip of the shift lever.



### 3. REMOVE TRANSFER SHIFT LEVER

Remove the nut, washer, lever lock pin and transfer lever.

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



### 4. RAISE VEHICLE AND DRAIN TRANSMISSION OIL

Oil grade: API GL-4 or GL-5

Viscosity: SAE 75W-90

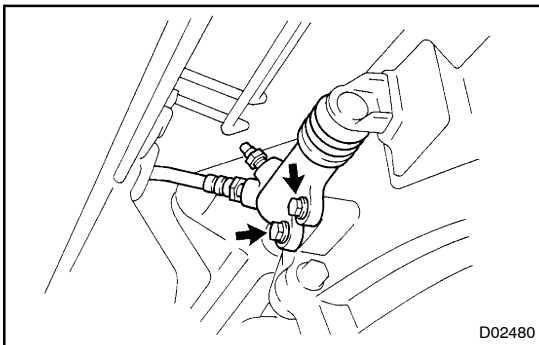
Capacity: 2.2 liters (2.3 US qts, 1.9 Imp. qts)

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

### 5. REMOVE ENGINE UNDER COVER

### 6. REMOVE FRONT AND REAR PROPELLER SHAFT (See page PR-2)

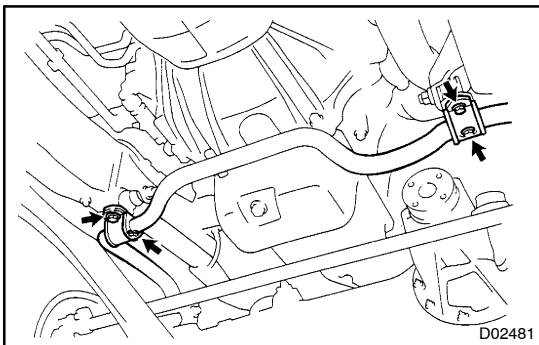
7. w/ One Touch 2-4 Selector System:  
**DISCONNECT MOTOR ACTUATOR CONNECTOR**
8. Full-time 4WD Type:  
**DISCONNECT CENTER DIFF-LOCK INDICATOR SWITCH, NEUTRAL POSITION SWITCH, BACK-UP LIGHT SWITCH, L4 POSITION SWITCH AND NO.1 SPEED SENSOR CONNECTORS**
9. Part-time 4WD Type:  
**DISCONNECT TRANSFER 4WD POSITION SWITCH, NEUTRAL POSITION SWITCH, BACK-UP LIGHT SWITCH, L4 POSITION SWITCH AND NO.1 SPEED SENSOR CONNECTORS**



**10. DISCONNECT CLUTCH RELEASE CYLINDER AND LINE**

Remove the 2 bolts and disconnect the release cylinder and line.

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

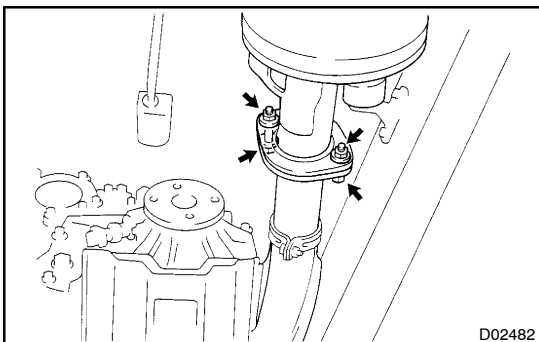


**11. DISCONNECT STABILIZER BAR**

- (a) Remove the 4 set bolts of the stabilizer bar bracket.

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

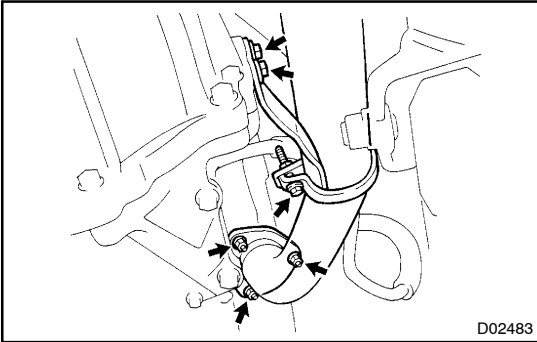
- (b) Disconnect the stabilizer bar.



**12. DISCONNECT FRONT EXHAUST PIPE**

- (a) Remove the 2 bolts, nuts and gasket.

**Torque: 40 N·m (400 kgf·cm, 30 ft·lbf)**



- (b) Loosen the clamp bolt and disconnect the clamp from the support bracket.

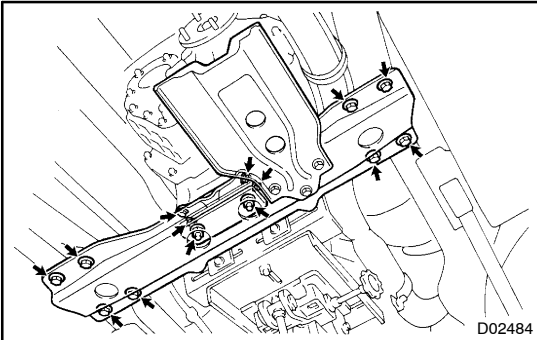
**Torque: 20 N·m (200 kgf·cm, 15 ft·lbf)**

- (c) Remove the 2 bolts and bracket from the clutch housing.

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

- (d) Remove the 3 nuts, gasket and disconnect the front exhaust pipe and suspend it securely.

**Torque: 63 N·m (640 kgf·cm, 46 ft·lbf)**



### 13. REMOVE CROSSMEMBER

- (a) Support the center of the transmission.

- (b) Remove the 2 nuts of the engine rear mounting.

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

- (c) Remove the 8 bolts and crossmember.

**Torque: 50 N·m (510 kgf·cm, 36 ft·lbf)**

### 14. REMOVE ENGINE REAR MOUNTING

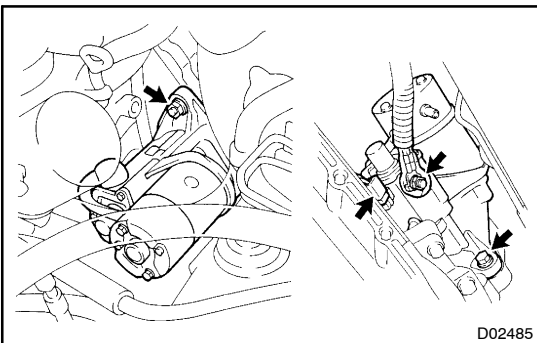
Remove the 4 bolts and engine rear mounting from the transmission.

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

### 15. JACK UP TRANSMISSION SLIGHTLY

Using a transmission jack, support the transmission.

### 16. REMOVE SUSPENDED FRONT EXHAUST PIPE



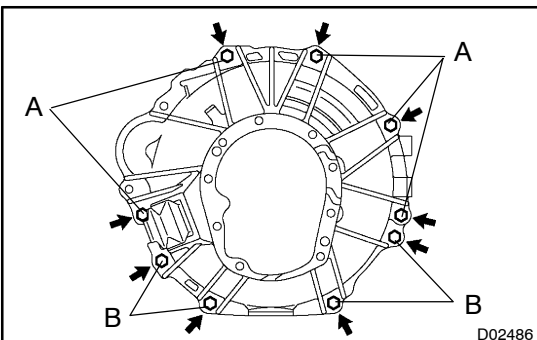
### 17. REMOVE STARTER

- (a) Disconnect the connector and wire from the starter.

- (b) Remove the bolt and nut.

**Torque: 69 N·m (700 kgf·cm, 51 ft·lbf)**

- (c) Remove the starter and suspend it securely.



### 18. REMOVE TRANSMISSION WITH TRANSFER

- (a) Disconnect the wire harness from the transmission.

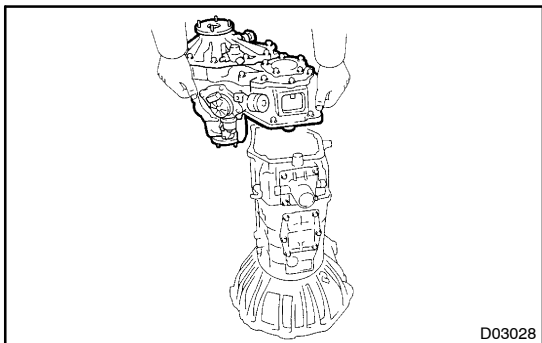
- (b) Remove the 9 transmission mounting bolts from the engine.

**Torque:**

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

**Bolt B: 69 N·m (700 kgf·cm, 51 ft·lbf)**

- (c) Pull out the transmission with the transfer down and toward the rear.

**19. REMOVE TRANSFER FROM TRANSMISSION****(a) Bench Seat:**

Disconnect the transfer shift lever rod assembly.

(See page TR-5, TR-6)

**(b) Disconnect the breather hose and remove the 6 transfer adaptor rear mounting bolts.**

**Torque: 69 N·m (700 kgf·cm, 51 ft·lbf)**

**(c) Pull the transfer straight up and remove it from the transmission.****HINT:**

Take care not to damage the transfer adaptor 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 transfer adaptor oil seal.