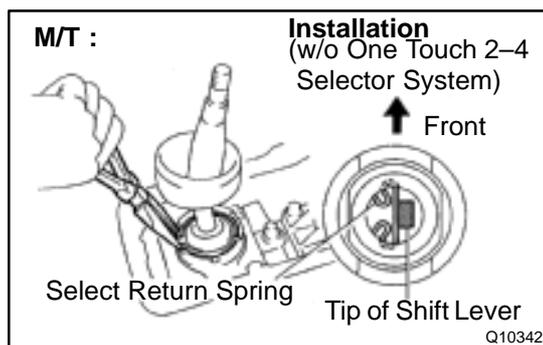


## REMOVAL

### 1. M/T:

#### REMOVE TRANSFER SHIFT LEVER

- (a) Remove the 2 bolts, 4 screws and rear console box.
- (b) w/o One touch 2–4 selector system:  
Remove the 2 screws, transmission shift lever knob, transfer shift lever knob and front console box.
- (c) w/ One touch 2–4 selector system:  
Remove the 2 screws, transmission shift lever knob, transfer shift lever knob and front console box, and disconnect the 2–4 selector connector.
- (d) Remove the 4 screws, shift lever boot and retainer.



- (e) Using pliers, remove the snap ring and pull out the transfer shift lever.

#### HINT:

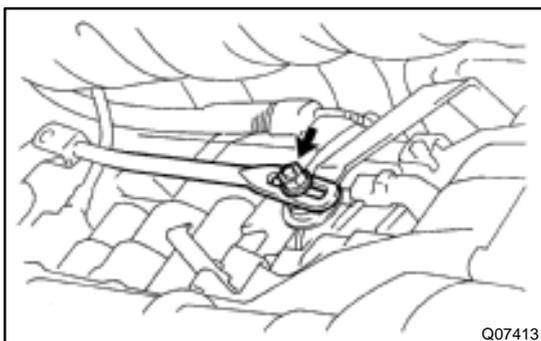
- w/o One touch 2–4 selector system:  
Shift the transfer shift lever to the H4 position.
- w/ One touch 2–4 selector system:  
Shift the transfer shift lever to the H position and 2–4 selector switch OFF.
- At the time of installation, apply MP grease to the tip of the shift lever.

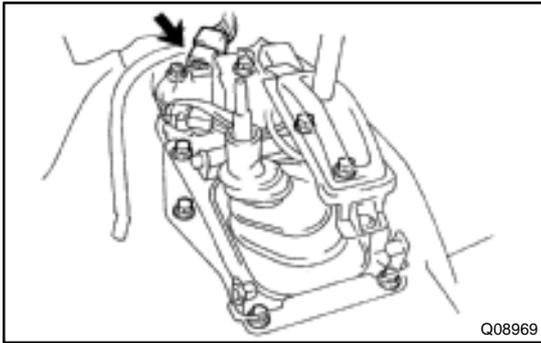
### 2. A/T:

#### REMOVE TRANSFER SHIFT LEVER

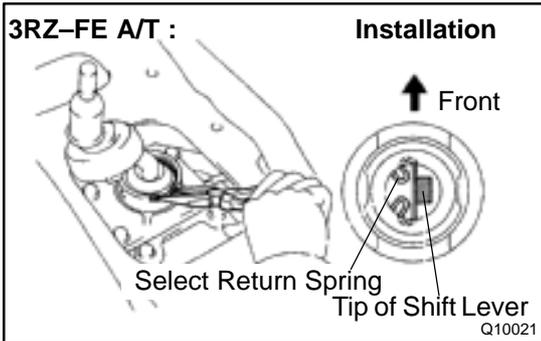
- (a) Remove the 2 bolts, 4 screws and rear console box.
- (b) w/o One touch 2–4 selector system:  
Remove the 2 screws, transfer shift lever knob and front console box.
- (c) w/ One touch 2–4 selector system:  
Remove the 2 screws, transfer shift lever knob and front console box, and disconnect the 2–4 selector connector.
- (d) Remove the nut and washer, and disconnect the shift control rod.

**Torque: 13 N·m (133 kgf·cm, 10 ft·lbf)**

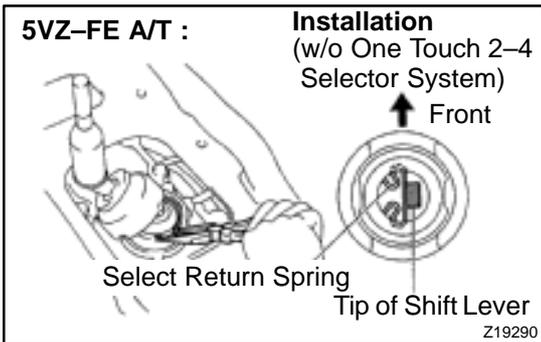




- (e) Disconnect the connector and remove the 8 screws and transmission shift lever assembly.  
**Torque: 6.0 N·m (61 kgf·cm, 53 in.-lbf)**



- (f) Remove the shift lever.  
 (1) 3RZ-FE A/T:  
 Using pliers, remove the snap ring and pull out the shift lever.



- (2) 5VZ-FE A/T:  
 Using pliers, remove the snap ring and pull out the shift lever.

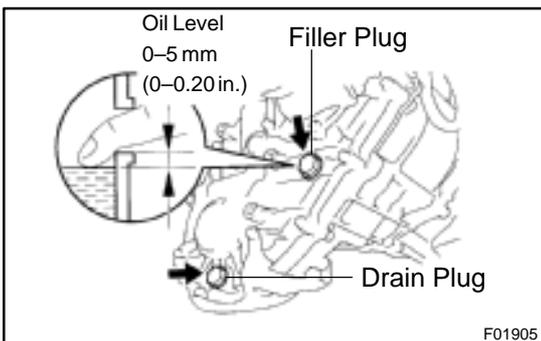
**HINT:**

- w/o One touch 2-4 selector system:  
Shift the transfer shift lever to the "H4" position.
- w/ One touch 2-4 selector system:  
Shift the transfer shift lever to the "H" position and 2-4 selector switch "OFF".
- At the time of installation, apply MP grease to the tip of the shift lever.

**3. REMOVE BREATHER HOSE**

Disconnect the breather hose from transfer upper cover and transmission control retainer.

**Hose depth: 13 mm (0.51 in.) or more**



**4. RAISE VEHICLE AND DRAIN TRANSFER OIL**

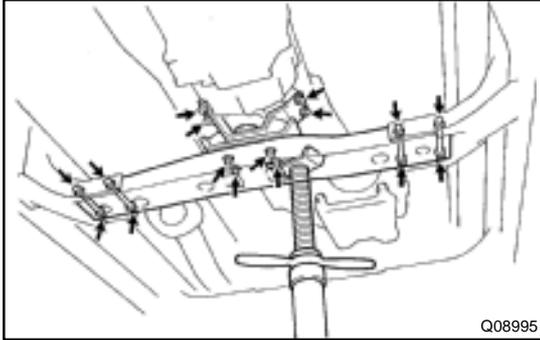
**Oil grade: API GL-4 or GL-5**

**Viscosity: SAE 75W-90**

**Capacity: 1.0 liters (1.1 US qts, 0.9 Imp. qts)**

**5. REMOVE FRONT AND REAR PROPELLER SHAFT**

(See page [PR-9](#))



## 6. 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.

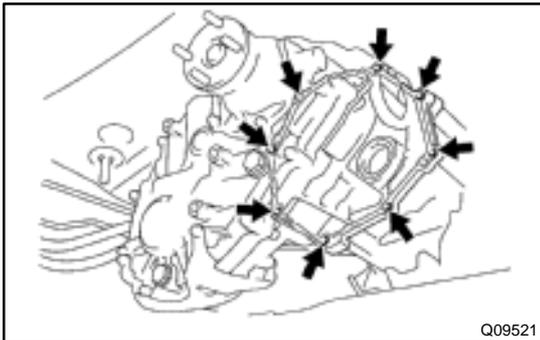
**Torque: 72 N·m (734 kgf-cm, 53 ft-lbf)**

## 7. 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)**

8. **DISCONNECT VEHICLE SPEED SENSOR, HEATED OXYGEN SENSOR CLAMP AND TRANSFER INDICATOR SWITCH CONNECTORS.**



## 9. REMOVE TRANSFER FROM TRANSMISSION

- (a) Remove the 8 bolts of the transfer adaptor mounting.  
**Torque: 24 N·m (240 kgf-cm, 17 ft-lbf)**
- (b) Pull out the transfer down and toward the rear.

**HINT:**

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