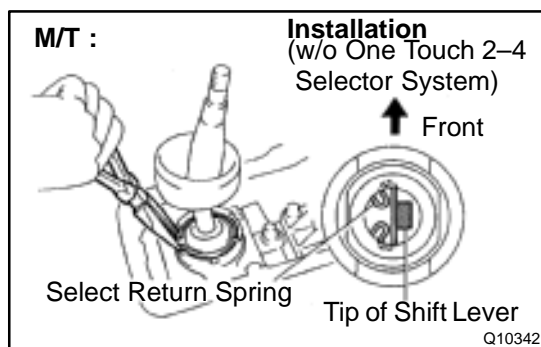


REMOVAL

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:

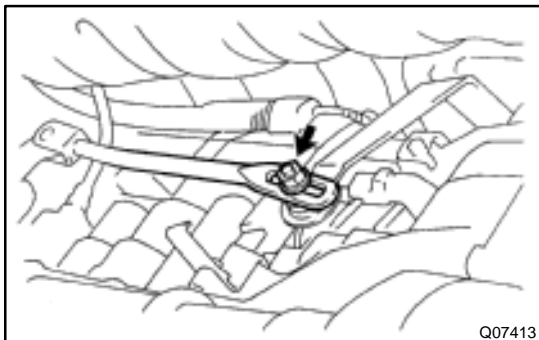
- w/o One touch 2–4 selector system:
Shift the transfer shift lever to the H4 position.
- w/ One touch 2–4 selector system:
Shift the transfer shift lever to the H position and 2–4 selector switch OFF.
- At the time of installation, apply MP grease to the tip of the shift lever.

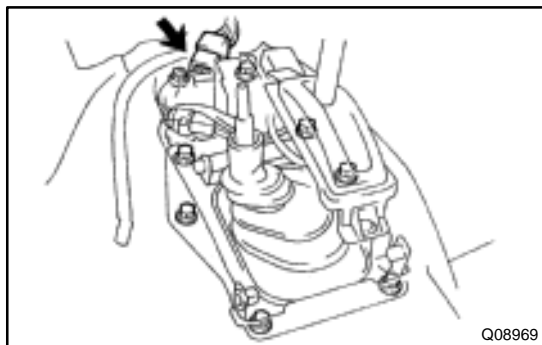
2. A/T:

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.

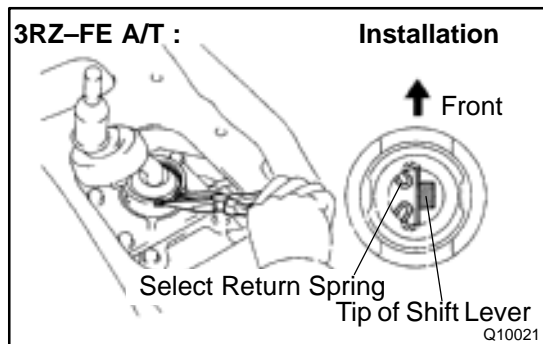
Torque: 13 N·m (133 kgf·cm, 10 ft·lbf)





- (e) Disconnect the connector and remove the 8 screws and transmission shift lever assembly.

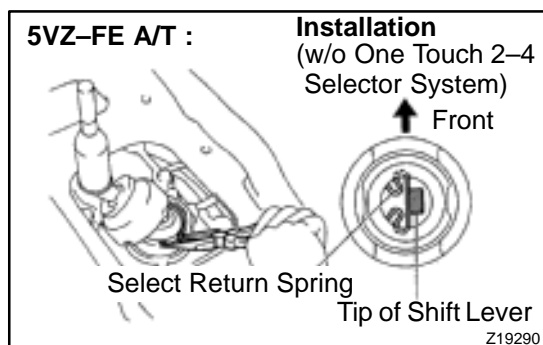
Torque: 6.0 N·m (61 kgf·cm, 53 in.-lbf)



- (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.

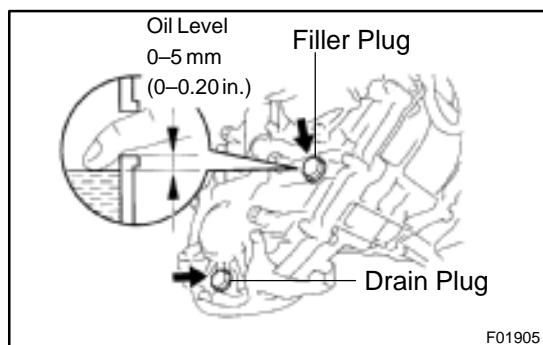
HINT:

- 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

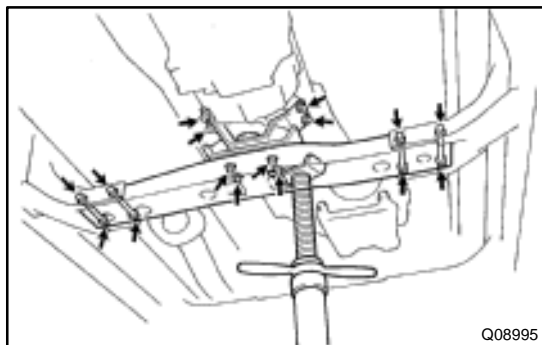
Oil grade: API GL-4 or GL-5

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**

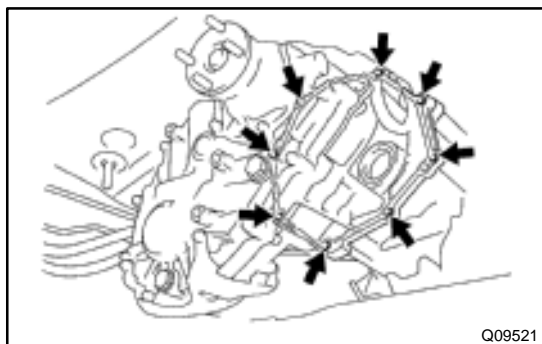
- (a) Support the transmission rear side.
- (b) Remove the 4 set bolts of the engine rear mounting.
Torque: 18 N·m (185 kgf-cm, 13 ft-lbf)
- (c) Disconnect the O-ring and remove the 4 bolts, nuts and crossmember.

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.