

REMOVAL

1. Separate Seat (M/T):

REMOVE TRANSFER SHIFT LEVER ASSEMBLY

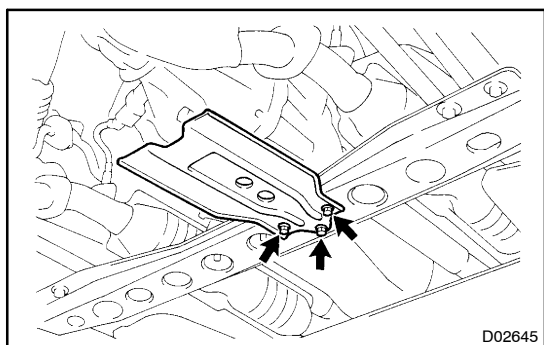
- (a) Remove the transmission and transfer shift lever knobs.
- (b) Remove the front console box.
(See page BO-124)
- (c) Remove the 6 bolts and shift lever boot retainer.
Torque: 6.5 N·m (66 kgf·cm, 58 in·lbf)
- (d) Remove the shift lever boot.
- (e) Remove the 4 bolts, gasket and transfer shift lever assembly.

Torque: 19 N·m (190 kgf·cm, 14 ft·lbf)

2. RAISE VEHICLE

NOTICE:

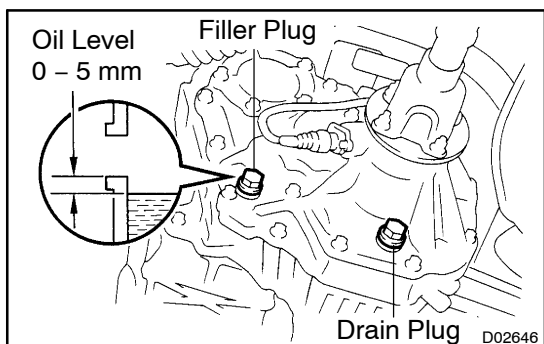
Make sure that the vehicle is securely supported.



3. REMOVE TRANSFER CASE PROTECTOR

Remove the 3 bolts and transfer case protector.

Torque: 28 N·m (290 kgf·cm, 21 ft·lbf)



4. DRAIN TRANSFER OIL

Oil grade: API GL-4 or GL-5

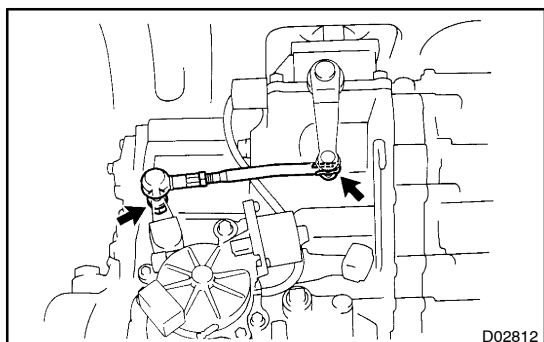
Viscosity: SAE 75W-90

Capacity: 1.3 liters (1.4 US qts, 1.1 Imp. qts)

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

5. REMOVE FRONT AND REAR PROPELLER SHAFTS

(See page PR-2)

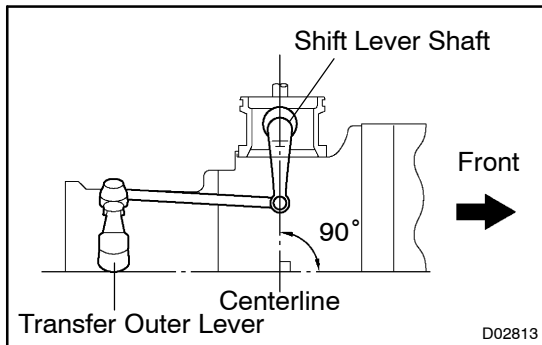


6. Bench Seat (M/T):

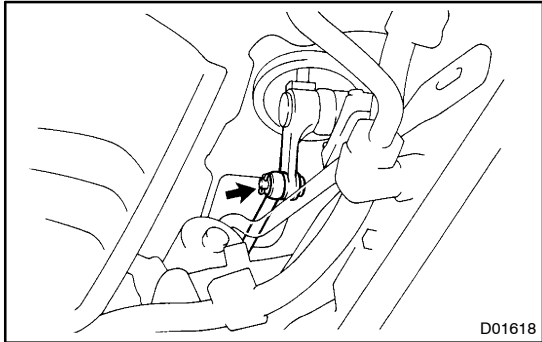
REMOVE TRANSFER SHIFT LEVER ROD ASSEMBLY

- (a) Remove the clip, plate washer, wave washer and bushing from the transfer shift lever shaft.
- (b) Remove the nut, wave washer and transfer shift lever rod assembly.

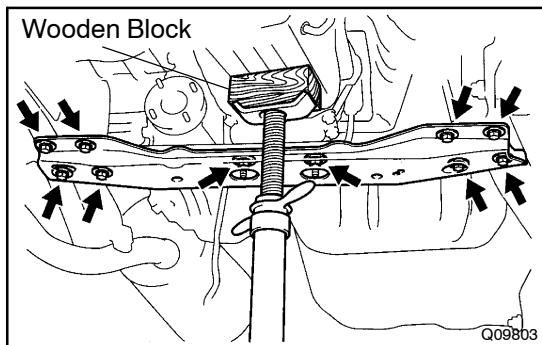
Torque: 12 N·m (120 kgf·cm, 9 ft·lbf)

**HINT:**

At the time of installation, ensure that the shift lever shaft is perpendicular at the centerline. Shift the transfer outer lever in the neutral position and position the transfer shift lever rod assembly. After positioning the transfer shift lever rod assembly, tighten the nut of the transfer outer lever and transfer shift lever rod assembly end to the specified torque.

**7. A/T:****DISCONNECT TRANSFER SHIFT LEVER ROD ASSEMBLY**

- (a) Remove the clip, plate washer, wave washer and bushing.
- (b) Disconnect the transfer shift lever rod assembly from the transfer shift lever shaft.

**8. REMOVE CROSSMEMBER**

- (a) Support the transmission, as shown.

NOTICE:**A/T:**

Use a wooden block so not to damage the transmission oil pan.

- (b) Remove 8 bolts, 2 nuts and crossmember.

Torque:

Bolt: 50 N·m (510 kgf·cm, 37 ft·lbf)

Nut: 74 N·m (750 kgf·cm, 54 ft·lbf)

9. DISCONNECT BREATHING HOSE**HINT:**

At the time of installation, assemble the clip to the position shown in the illustration.

From the hose end to the clip end:

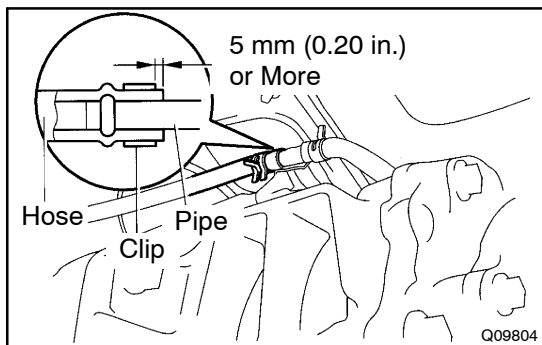
5 mm (0.20 in.) or more

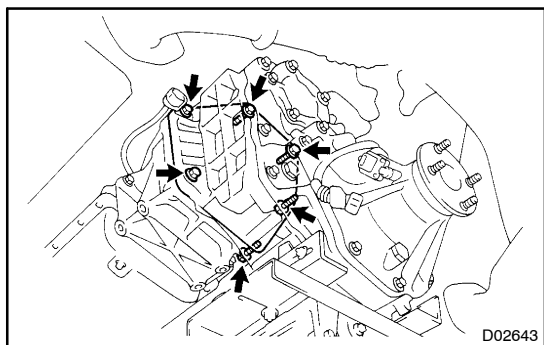
10. DISCONNECT FOLLOWING CONNECTOR FROM TRANSFER

- No.1 speed sensor connector
- L position switch connector
- Neutral position switch connector
- Center diff. lock indicator switch connector
- Motor actuator connector

11. A/T:**DISCONNECT GROUND CABLE**

Remove the bolt and disconnect the ground cable from the transfer.



**12. JACK UP TRANSFER SLIGHTLY**

Using a transmission jack, support the transfer.

13. REMOVE TRANSFER FROM TRANSMISSION

- (a) Disconnect the wire harness from the transfer.
- (b) Remove the 6 transfer adaptor rear mounting bolts.

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

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