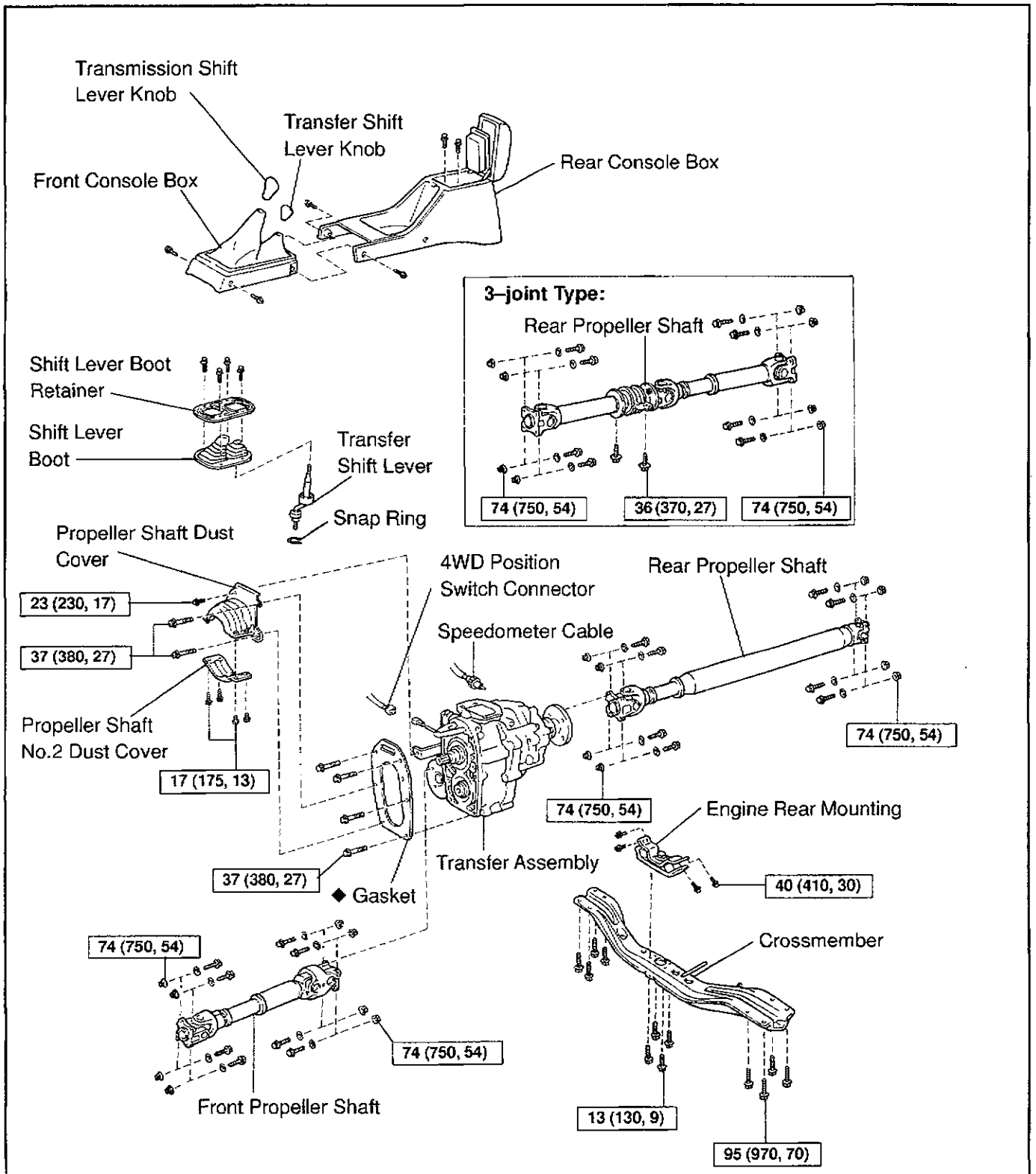
TRANSFER UNIT

COMPONENTS

TR02D-01

HINT:

RF1A transfer is the counter gear type, and used for the vehicles with 3L engine installed for the general area.



N·m (kgf·cm, ft·lbf) : Specified torque

◆ Non–reusable part

F01903

TR02E-01

REMOVAL

1. **REMOVE TRANSFER SHIFT LEVER KNOB AND TRANSMISSION SHIFT LEVER KNOB**
2. **w/ Rear Console Box:**
   REMOVE REAR CONSOLE BOX

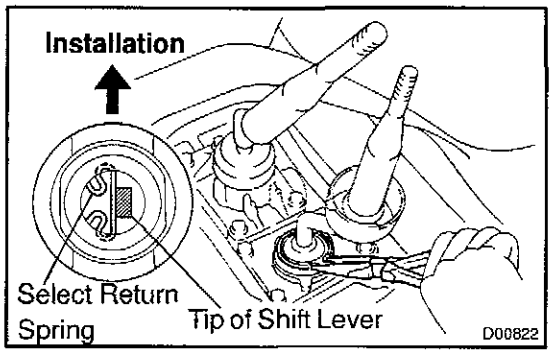
Remove the 2 bolts, 4 screws and rear console box.

3. **w/ Front Console Box:**
   REMOVE FRONT CONSOLE BOX

Remove the 2 screws and front console box.

4. **REMOVE SHIFT LEVER BOOT RETAINER AND SHIFT LEVEL BOOT**

Remove the 4 screws, boot retainer and boot.

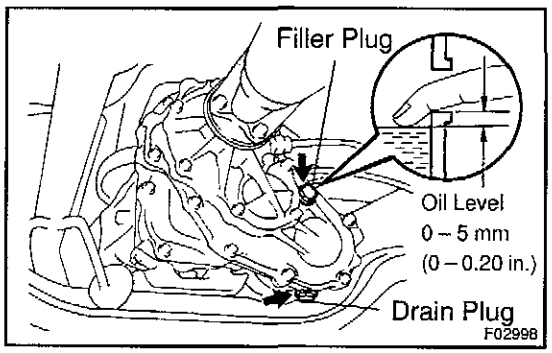


5. **REMOVE TRANSFER SHIFT LEVER**

Using snap ring pliers, remove the snap ring and pull out the shift lever.

HINT:

- Shift the transfer shift lever to the "H4" position.
- At the time of installation, apply MP grease to the tip of the shift lever.



6. **RAISE VEHICLE AND DRAIN TRANSFER OIL**
   Oil grade: API GL–4 or GL–5
   Viscosity: SAE 75W–90
   Capacity: 1.6 liters (1.7 US qts, 1.4 Imp.qts)
7. **REMOVE PROPELLER SHAFT NO.2 DUST COVER**

Remove the 4 bolts and No.2 dust cover.

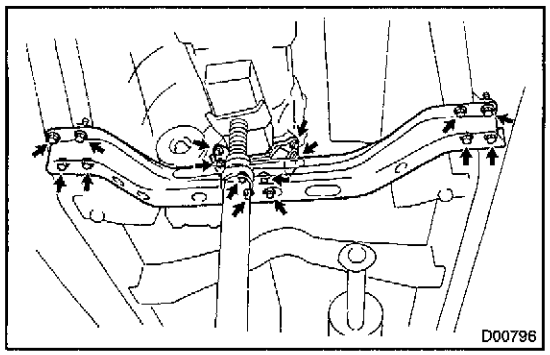
Torque: 17 N·m (175 kgf·cm, 13 ft·lbf)

8. **REMOVE PROPELLER SHAFT DUST COVER**

Remove the bolt, 2 transfer mounting bolts and dust cover.

Torque:
Bolt: 23 N·m (230 kgf·cm, 17 ft·lbf)
Transfer mounting Bolt: 37 N·m (380 kgf·cm, 27 ft·lbf)

9. **REMOVE FRONT AND REAR PROPELLER SHAFT**
   (See page PR–11)



10. REMOVE CROSSMEMBER

(a) Support the transmission rear side.

(b) Remove the 4 set bolts of the engine rear mounting.

Torque: 13 N·m (130 kgf·cm, 9 ft·lbf)

(c) Disconnect the 2 O–rings, and remove the 8 bolts and crossmember.

Torque: 95 N·m (970 kgf·cm, 70 ft·lbf)

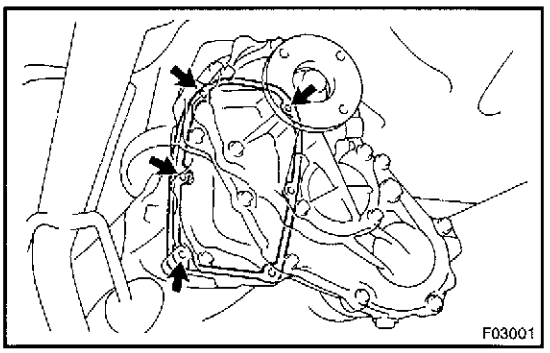
11. REMOVE ENGINE REAR MOUNTING

Remove the 4 bolts and engine rear mounting.

Torque: 40 N·m (410 kgf·cm, 30 ft·lbf)

12. DISCONNECT SPEEDOMETER CABLE AND TRANSFER INDICATOR SWITCH CONNECTOR

TR



13. REMOVE TRANSFER FROM TRANSMISSION

(a) Remove the 4 transfer mounting bolts.

Torque: 37 N·m (380 kgf·cm, 27 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.

TR02F-01

INSTALLATION

Installation is in the reverse order of removal (See page TR–3).

1. **APPLY MP GREASE TO TRANSFER ADAPTOR OIL SEAL**
2. **AFTER INSTALLATION, DO ROAD TEST**