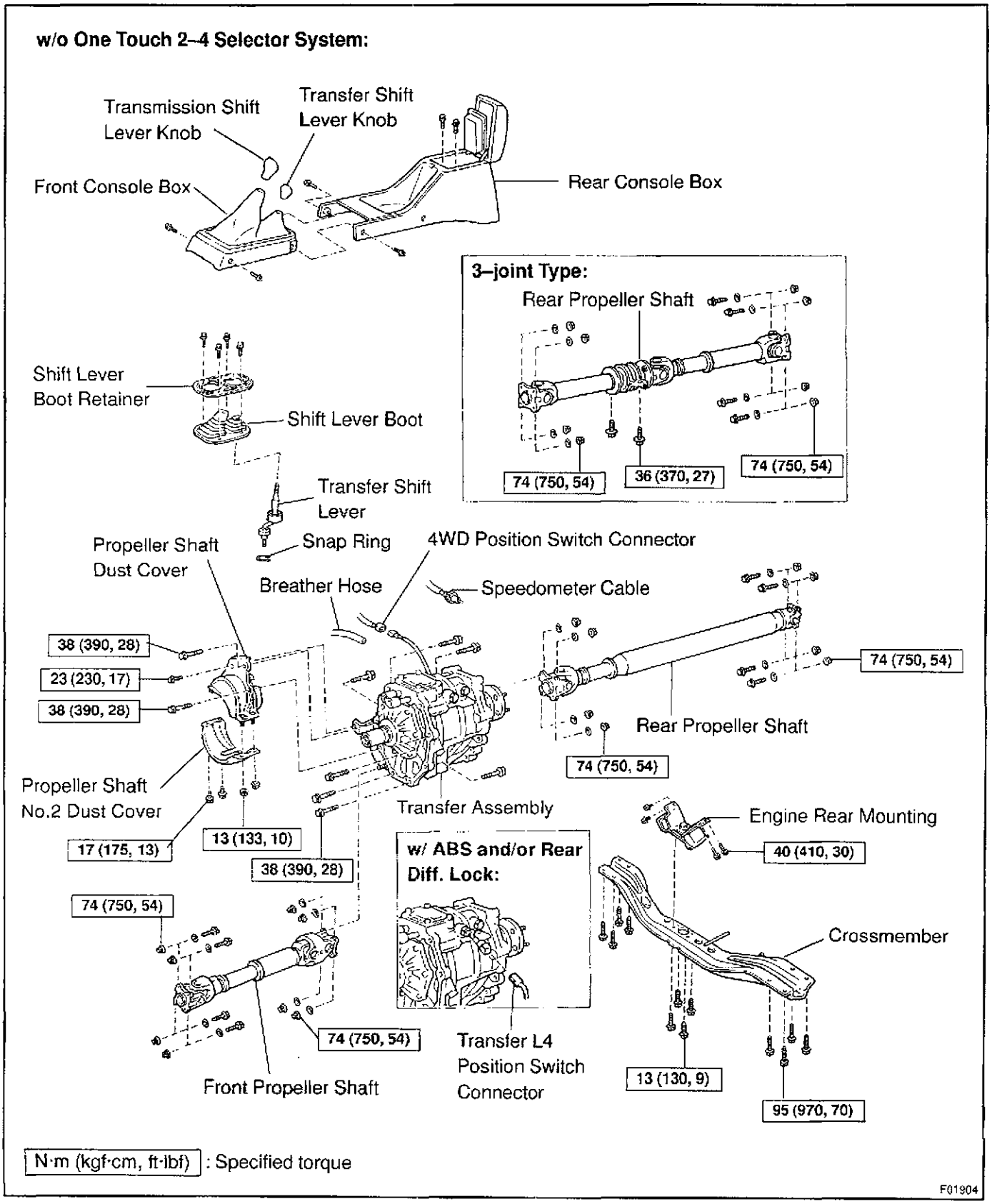
TRANSFER UNIT

COMPONENTS

TR000-01

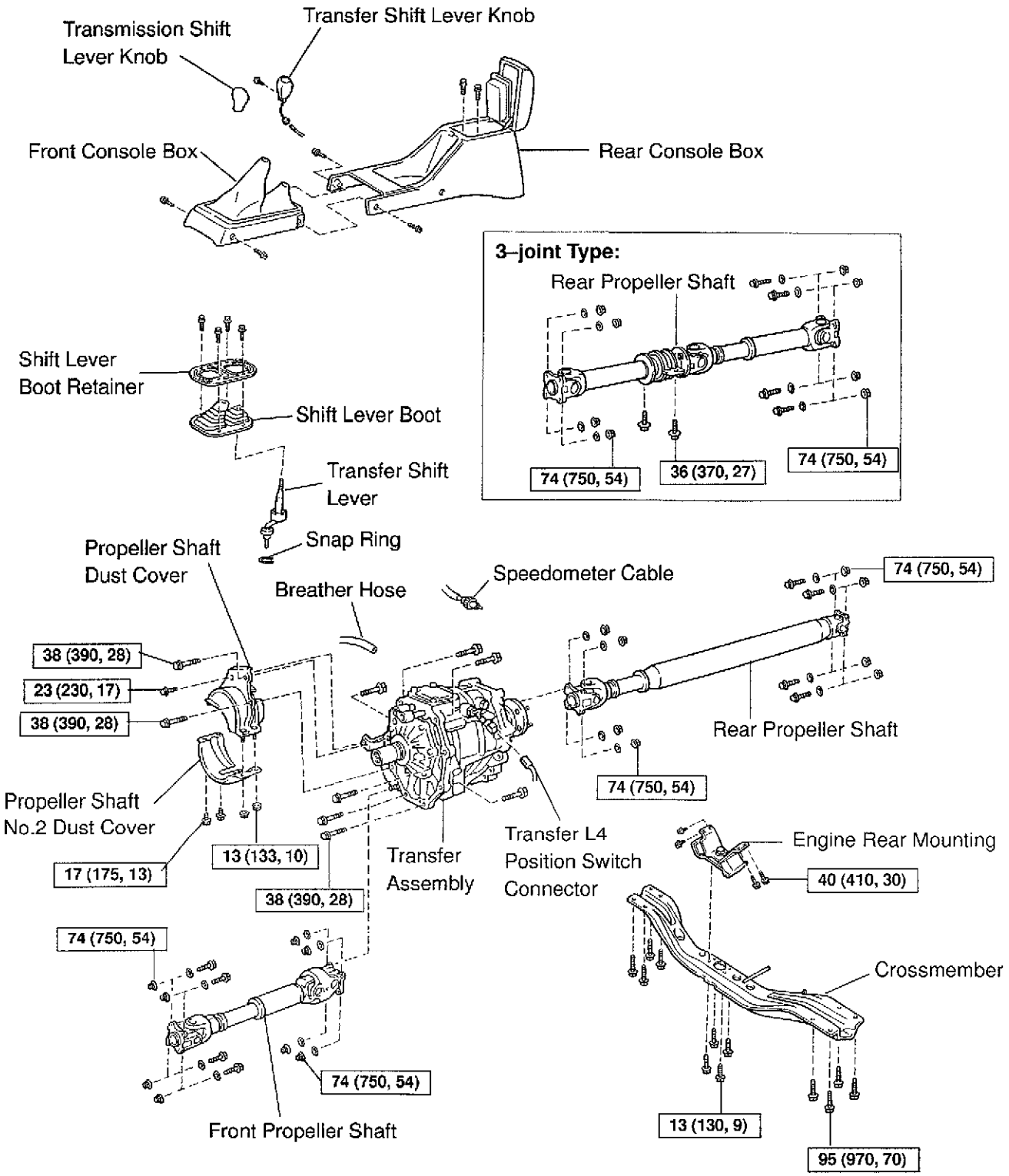
HINT:

VF1A transfer is the planetary gear type, and used for the vehicles except the one with 3L engine installed for the general area.



TR

w/ One Touch 2–4 Selector System:



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

F03830

TR031-01

REMOVAL

1. **REMOVE TRANSMISSION SHIFT LEVER KNOB**
2. **w/o One Touch 2–4 Selector System:**
   REMOVE TRANSFER SHIFT LEVER KNOB
3. **w/ One Touch 2–4 Selector System:**
   DISCONNECT TRANSFER SHIFT LEVER KNOB

Remove the screw and disconnect the transfer shift lever knob.

4. **w/ Rear Console Box:**
   REMOVE REAR CONSOLE BOX

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

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

Remove the 2 screws and front console box.

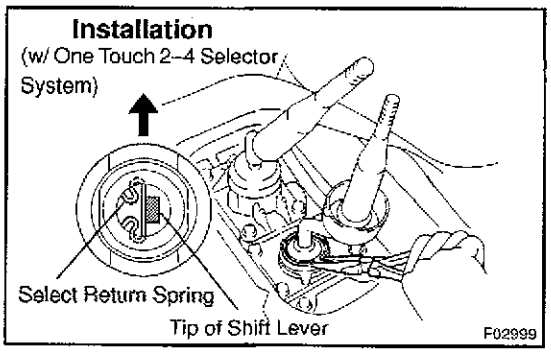
6. **REMOVE SHIFT LEVER BOOT RETAINER AND SHIFT LEVER BOOT**

Remove the 4 screws, boot retainer and boot.

7. **w/ One Touch 2–4 Selector System:**
   REMOVE TRANSFER SHIFT LEVER KNOB

Disconnect the connector and remove the transfer shift lever knob.

TR



8. **REMOVE TRANSFER SHIFT LEVER**

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

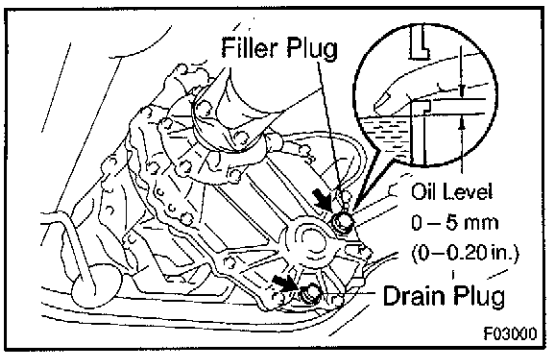
HINT:

- 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 turn the 2–4 selector switch OFF.
- At the time of installation, apply MP grease to the tip of the shift lever.

9. **REMOVE BREATHER HOSE**

Disconnect the breather hose from transfer upper cover and transfer adaptor.

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



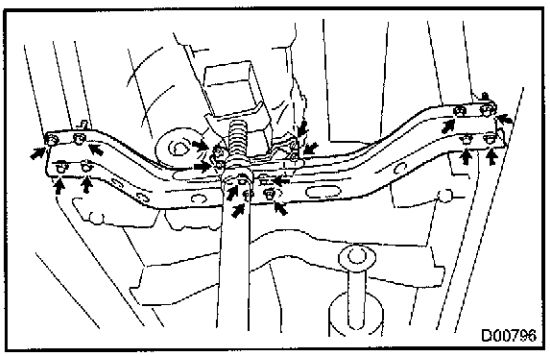
10. RAISE VEHICLE AND DRAIN TRANSFER OIL
Oil grade: API GL–4 or GL–5
Viscosity: SAE 75W–90
Capacity: 1.1 liters (1.2 US qts, 1,1 Imp.qts)

11. REMOVE PROPELLER SHAFT NO.2 DUST COVER
Remove the 2 bolts, 2 nuts and No.2 dust cover.
Torque:
Bolt: 17 N·m (175 kgf·cm, 13 ft·lbf)
Nut : 13 N·m (133 kgf·cm, 10 ft·lbf)

12. 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: 38 N·m (390 kgf·cm, 28 ft·lbf)

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

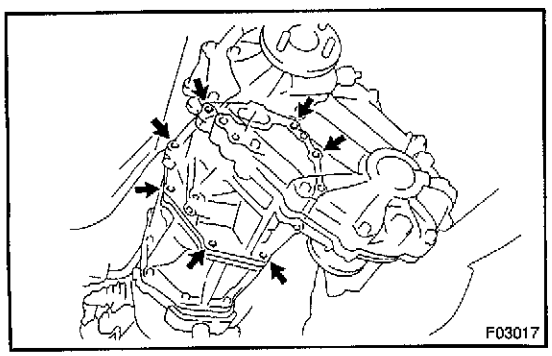
TR



14. 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)

15. REMOVE ENGINE REAR MOUNTING
Remove the 4 bolts and engine rear mounting.
Torque: 40 N·m (410 kgf·cm, 30 ft·lbf)

16. DISCONNECT SPEEDOMETER CABLE AND TRANSFER INDICATOR SWITCH CONNECTORS



17. REMOVE TRANSFER FROM TRANSMISSION
(a) Remove the 7 transfer mounting bolts.
Torque: 38 N·m (390 kgf·cm, 28 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.

TR002-01

INSTALLATION

Installation is in the reverse order of removal (See page TR–5).

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