

INSTALLATION

1. RAISE VEHICLE

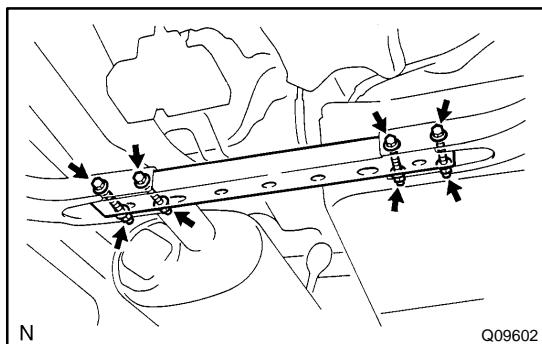
2. INSTALL TRANSFER TO TRANSMISSION

Raise the transfer and install it to the transmission with the 8 bolts.

Torque: 24 N·m (240 kgf-cm, 17 ft-lbf)

NOTICE:

Take care not to damage the lip of the transfer adaptor rear oil seal with the transfer input shaft.



3. INSTALL NO. 4 CROSSMEMBER

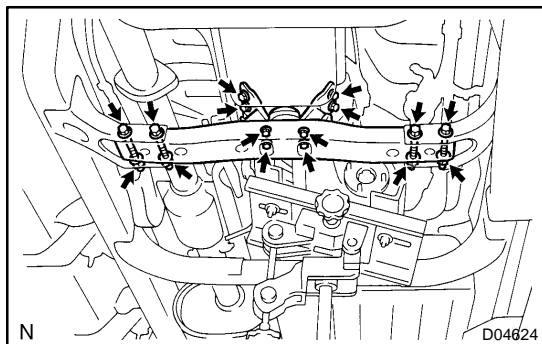
Install the No. 4 crossmember with the 4 bolts and nuts.

Torque: 72 N·m (730 kgf-cm, 53 ft-lbf)

4. CONNECT BREATHER HOSE TO TRANSFER

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

5. CONNECT VEHICLE SPEED SENSOR, NEUTRAL POSITION SWITCH, L4 POSITION SWITCH, MOTOR ACTUATOR, NO. 1 AND NO. 2 4WD POSITION SWITCH CONNECTORS



6. INSTALL ENGINE REAR MOUNTING

Install the engine rear mounting to the transmission with the 4 bolts.

Torque: 65 N·m (650 kgf-cm, 48 ft-lbf)

7. INSTALL NO. 3 CROSSMEMBER

(a) Install the No. 3 crossmember with the 4 bolts and nuts.

Torque: 72 N·m (730 kgf-cm, 53 ft-lbf)

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

Torque: 18 N·m (185 kgf-cm, 13 ft-lbf)

(c) Remove the transmission jacks.

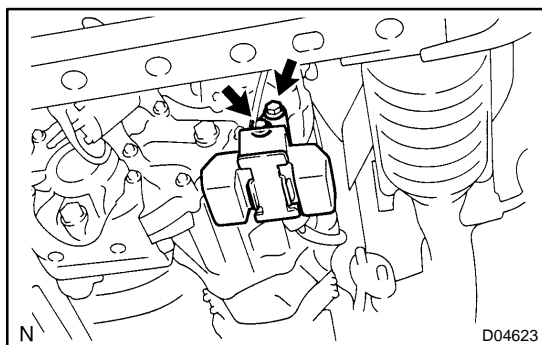
8. INSTALL DYNAMIC DAMPER

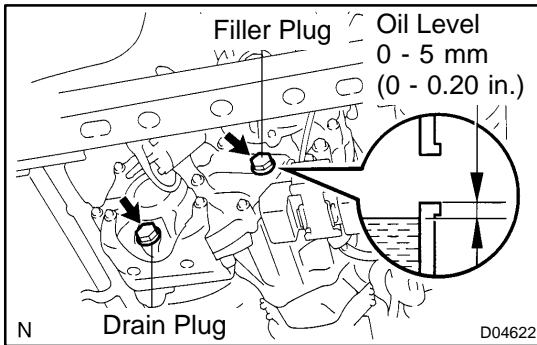
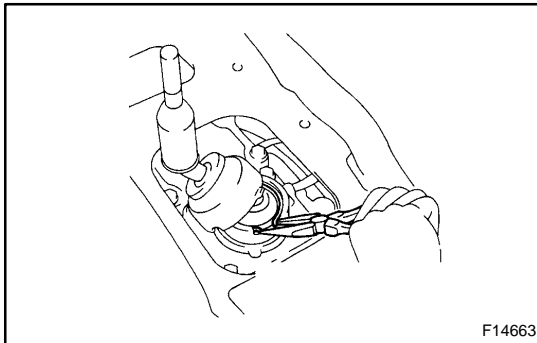
Install the dynamic damper to the transfer with the 2 bolts.

Torque: 38 N·m (380 kgf-cm, 28 ft-lbf)

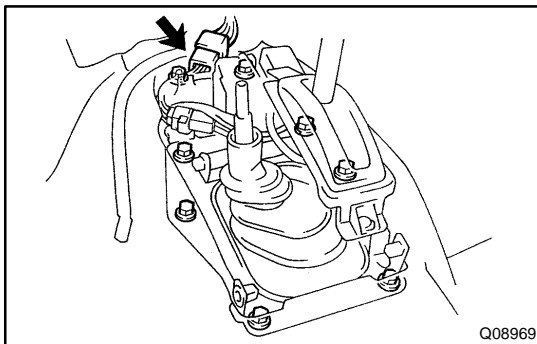
9. INSTALL FRONT AND REAR PROPELLER SHAFTS

(See page [PR-7](#))



**10. FILL TRANSFER OIL****Oil grade: API GL-4 or GL-5****Viscosity: SAE 75W-90****Capacity: 1.2 liters (1.3 US qts, 1.1 Imp. qts)****Torque: 37 N·m (380 kgf-cm, 27 ft-lbf)****11. INSTALL TRANSFER SHIFT LEVER**

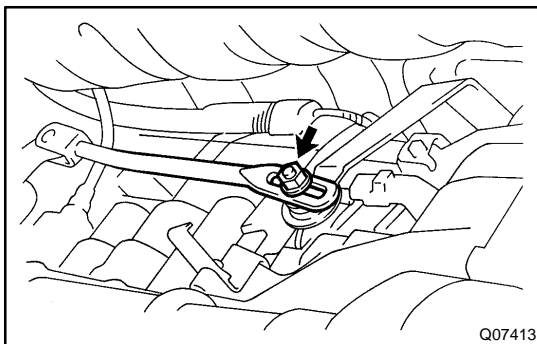
- (a) Lower the vehicle.
- (b) Pressing down on the transfer shift lever cap, and using pliers, install the snap ring.



- (c) Connect the connector and install the transmission shift lever assembly with the 8 bolts.

Torque: 5.9 N·m (60 kgf-cm, 52 in.-lbf)

- (d) Raise the vehicle.



- (e) Connect the shift control rod to the transmission shift lever assembly with the nut and washer. Adjust the shift lever position (See page [DI-159](#)).

Torque: 13 N·m (130 kgf-cm, 9 ft-lbf)

- (f) Lower the vehicle.
- (g) Install the upper console panel garnish (See page [BO-66](#)).
- (h) Connect the one touch 2 - 4 selector connector and install the transfer shift lever knob.
- (i) Install the upper console panel (See page [BO-66](#)).
- (j) Connect the transfer shift lever knob with the screw.

12. DO ROAD TEST

Check for abnormal noises and smooth shifting.