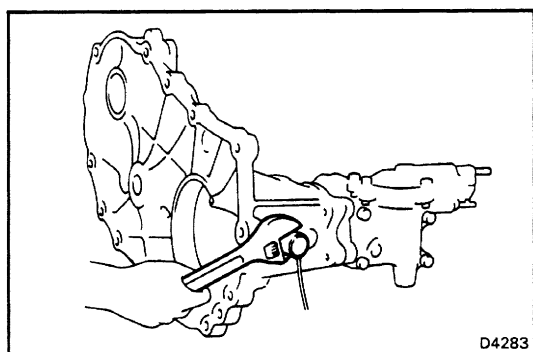
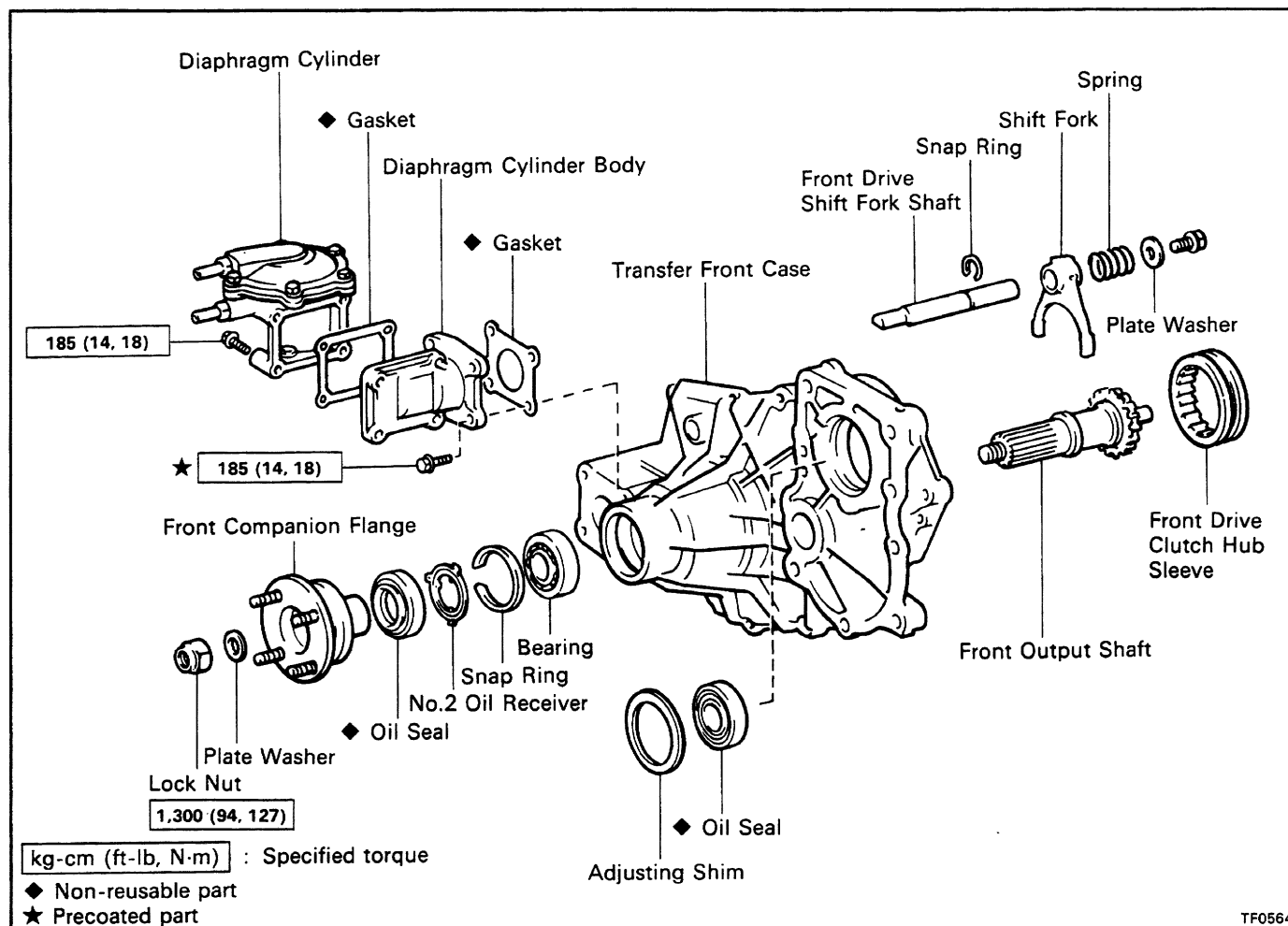
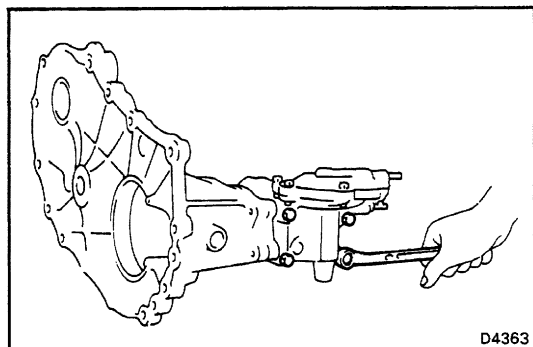


Transfer Front Case COMPONENTS



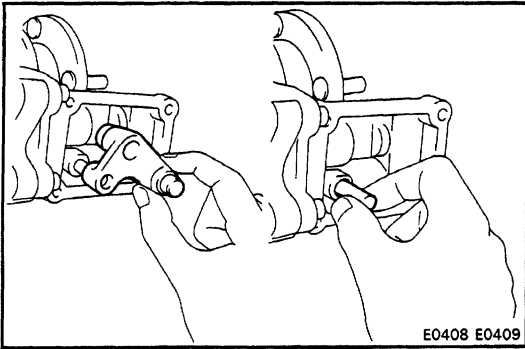
DISASSEMBLY OF TRANSFER FRONT CASE

1. REMOVE 4WD INDICATOR SWITCH

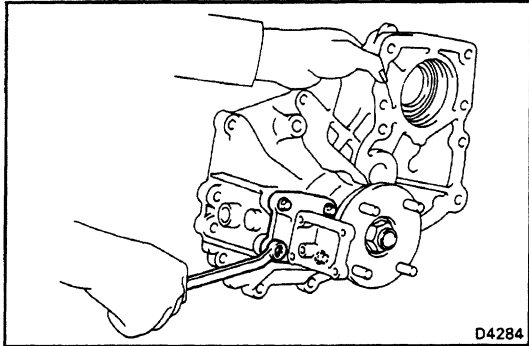


2. REMOVE DIAPHRAGM CYLINDER ASSEMBLY

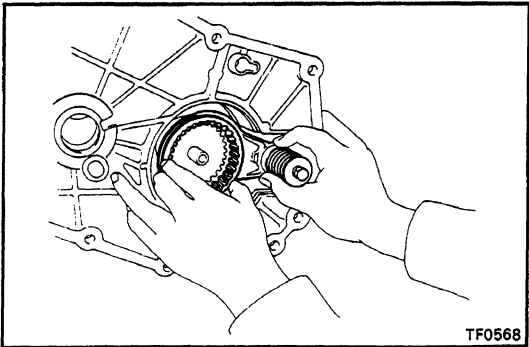
- (a) Remove the four bolts, diaphragm cylinder and gasket.



(b) Remove the shift link lever and straight pin.

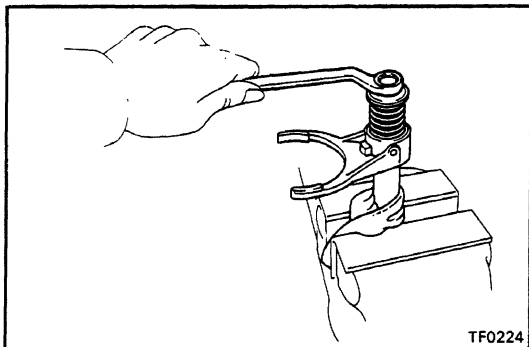


(c) Remove the four bolts, diaphragm cylinder body and gasket.



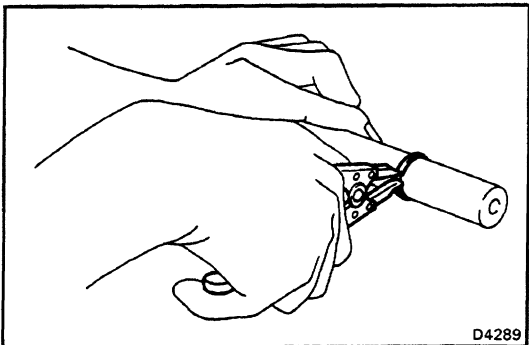
3. REMOVE FRONT DRIVE CLUTCH HUB SLEEVE

Remove the clutch hub sleeve with front drive shift fork shaft subassembly.

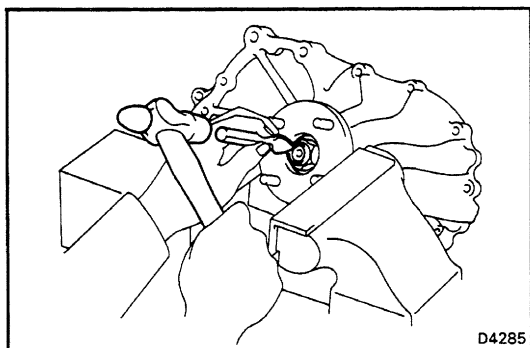


4. REMOVE FRONT DRIVE SHIFT FORK SHAFT

(a) Remove the bolt, plate washer, spring and shift fork from the shift fork shaft.

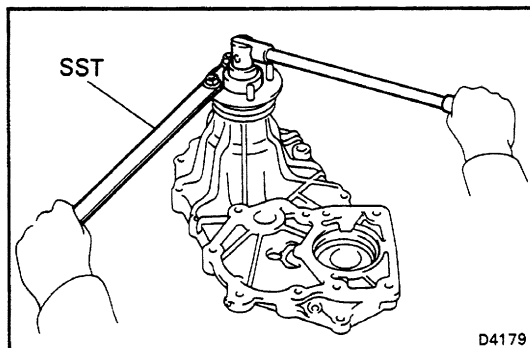


(b) Using snap ring pliers, remove the snap ring.



5. REMOVE FRONT COMPANION FLANGE

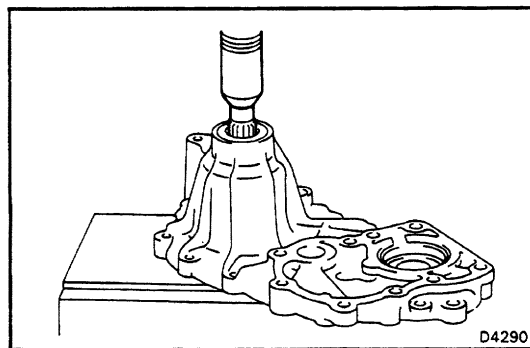
- (a) Mount the companion flange in a vise.
- (b) Using a hammer and chisel, loosen the staked part of the nut.



- (c) Using SST to hold the front companion flange, remove the companion flange lock nut.

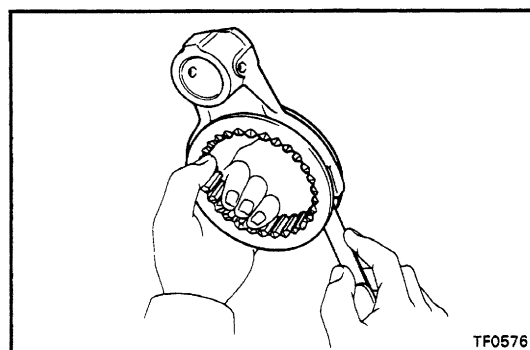
SST 09330-00021

- (d) Remove the plate washer and companion flange.



6. REMOVE FRONT OUTPUT SHAFT

Using a press, press out the front output shaft.

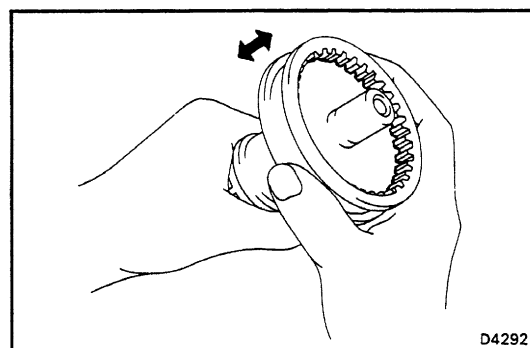


INSPECTION OF TRANSFER FRONT CASE COMPONENTS

1. INSPECT CLEARANCE OF SHIFT FORK AND CLUTCH HUB SLEEVE

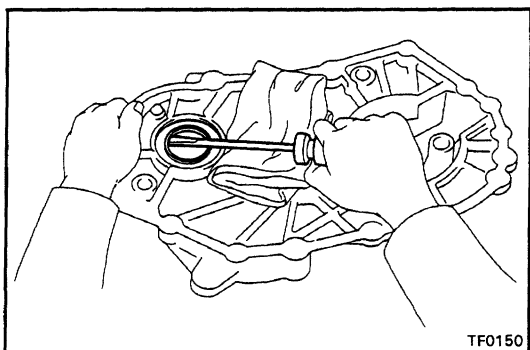
Using a thickness gauge, measure the clearance between the hub sleeves and shift fork.

Maximum clearance: 1.0 mm (0.039 in.)



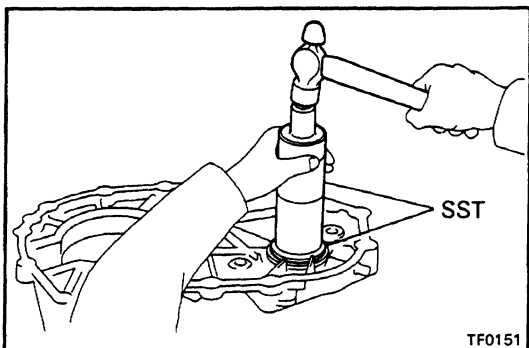
2. INSPECT FRONT DRIVE CLUTCH HUB SLEEVE

- (a) Install the clutch hub sleeve to the front output shaft.
- (b) Check that the hub sleeve moves smoothly.



3. IF NECESSARY, REPLACE TRANSMISSION REAR OIL SEAL

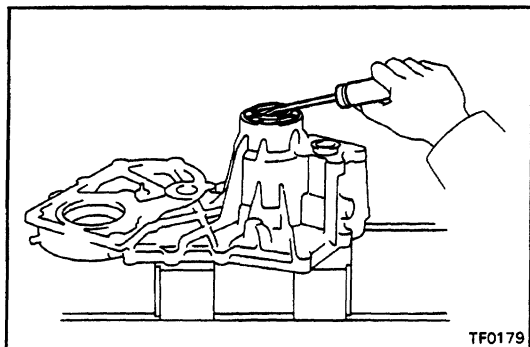
(a) Using a screwdriver, remove the oil seal.



(b) Using SST and a hammer, tap in a new oil seal.

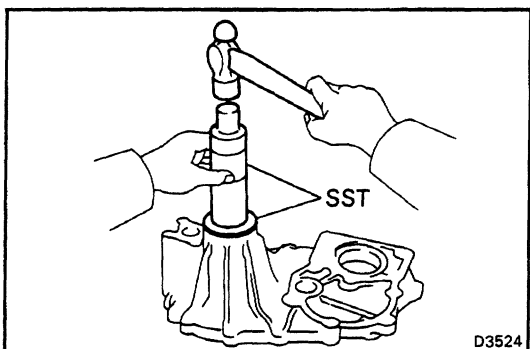
SST 09316-60010 (09316-00010, 09316-00030)

(c) Apply MP grease to the oil seal lip.



4. IF NECESSARY, REPLACE FRONT OUTPUT SHAFT OIL SEAL

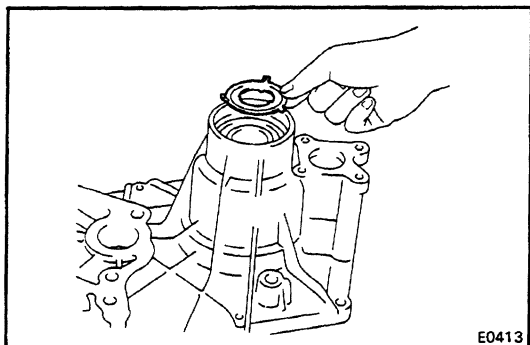
(a) Using a screwdriver, remove the oil seal.



(b) Using SST and a hammer, tap in a new oil seal.

SST 09316-60010 (09316-00010, 09316-00060)

(c) Apply MP grease to the oil seal lip.

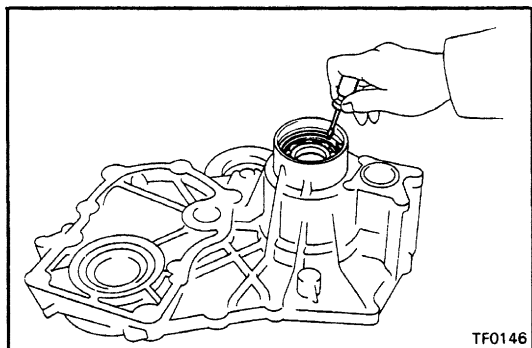


5. IF NECESSARY, REPLACE FRONT OUTPUT SHAFT BEARING

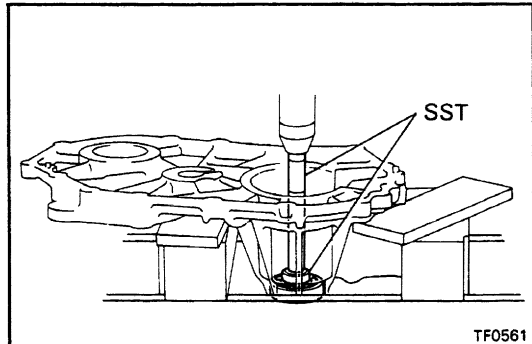
(a) Remove the front output shaft. oil seal.

(See above)

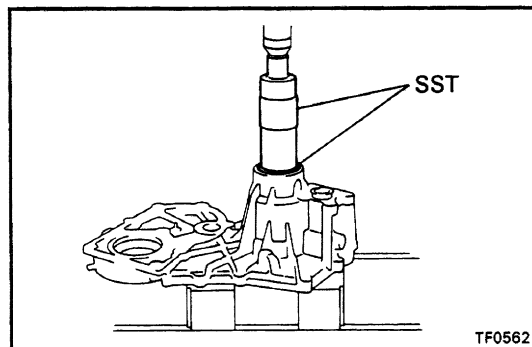
(b) Remove the No-2 oil receiver.



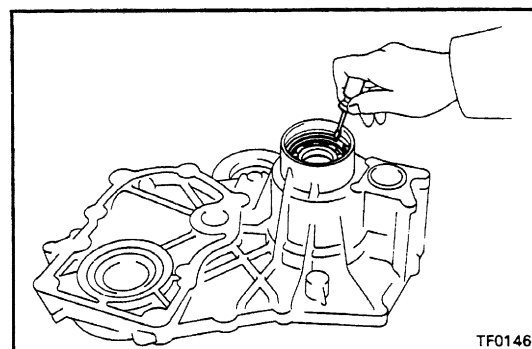
(c) Using a screwdriver, remove the snap ring.



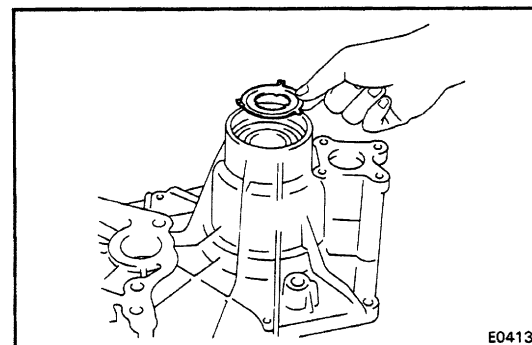
(d) Using SST and a press, press out the bearing.
SST 09608-20012(09608-00040,09608-03020)



(e) Using SST and a press, press in a new bearing.
SST 09316-60010 (09316-00010, 09316-00020)

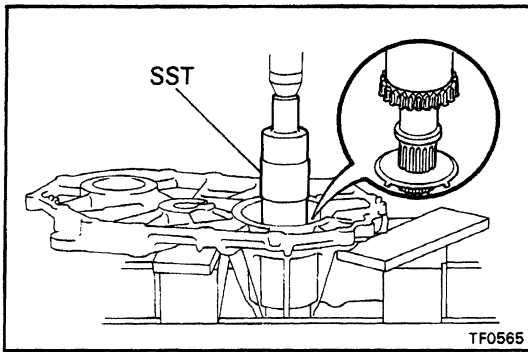


(f) Install the snap ring.



(g) Install the No.2 oil receiver.

(h) Install a new front output shaft oil seal.
(See preceding page)

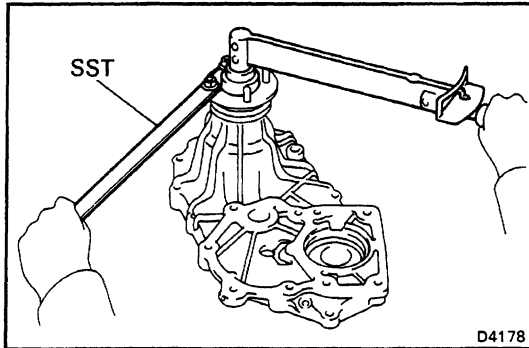


ASSEMBLY OF TRANSFER FRONT CASE

1. INSTALL FRONT OUTPUT SHAFT

Using SST and a press, press in the front output shaft to the transfer front case.

SST 09316-60010 (09316-00010)



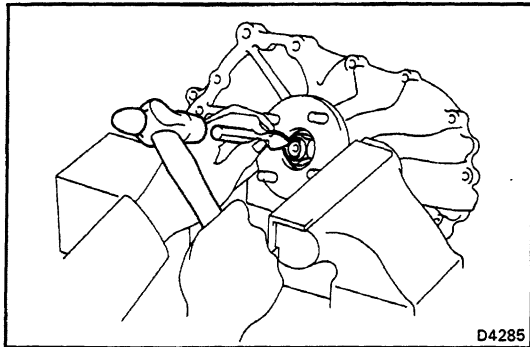
2. INSTALL FRONT COMPANION FLANGE

(a) Install the companion flange and plate washer.

(b) Using SST to hold the companion flange, install a new companion flange lock nut.

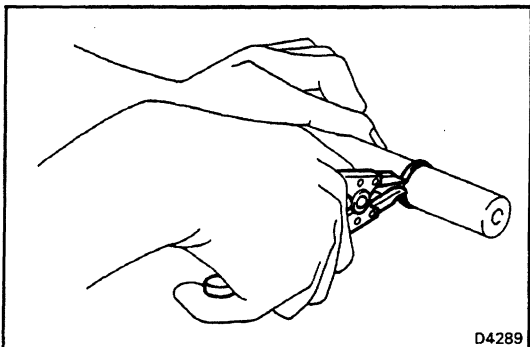
SST 09330-00021

Torque: 1,300 kg-cm (94 ft-lb, 127 N-m)



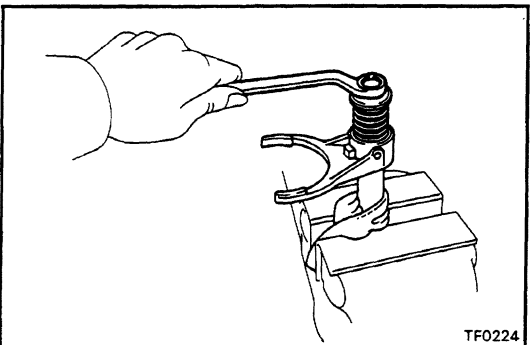
(c) Mount the companion flange in a vise.

(d) Stake the companion flange lock nut.



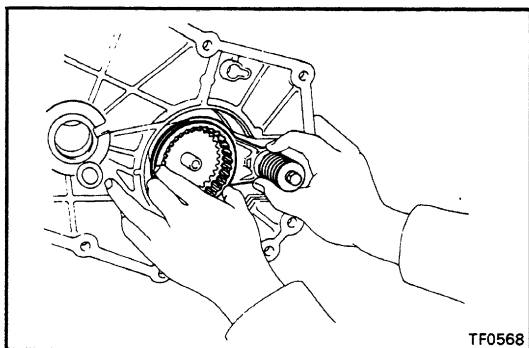
3. INSTALL FRONT DRIVE SHIFT FORK SHAFT

(a) Using snap ring pliers, install the snap ring.



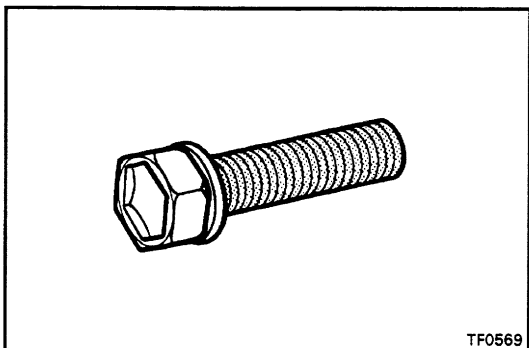
(b) Install the shift fork, spring and plate washer to the shift fork shaft with the bolt.

Torque: 185 kg-cm (14 ft-lb, 18 N-m)



4. INSTALL FRONT DRIVE CLUTCH HUB SLEEVE

Install the clutch hub sleeve with front drive shift fork shaft subassembly.

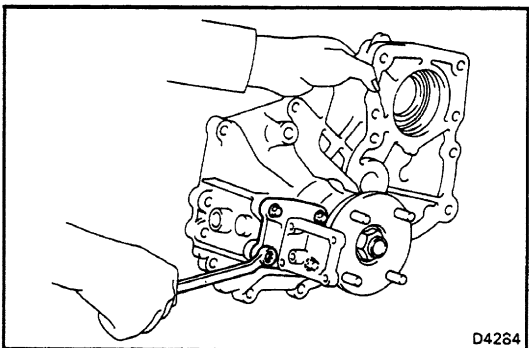


5. INSTALL DIAPHRAGM CYLINDER ASSEMBLY

(a) Clean the threads of the bolts and case with cleaner.

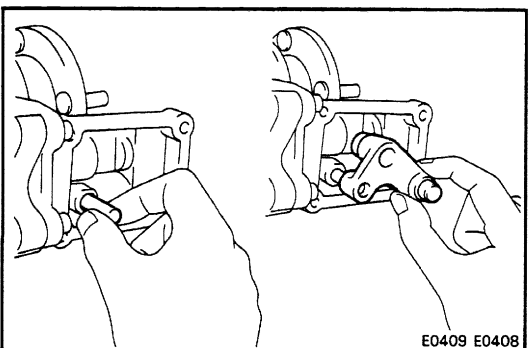
(b) Apply sealer to the bolts threads.

Sealer: Part No. 08833-00070, THREE BOND 1324 or equivalent



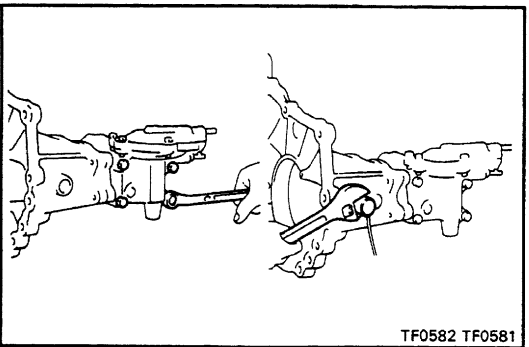
(c) Install a new gasket and the diaphragm cylinder body to the transfer front case with the four bolts.

Torque: 185 kg-cm (13 ft-lb, 18 N-m)



(d) Apply MP grease to the shoe and straight pin.

(e) Install the shift link lever and straight pin.



(f) Install a new gasket and the diaphragm cylinder to the diaphragm cylinder body with the four bolts.

Torque: 185 kg-cm (13 ft-lb, 18 N-m)

6. INSTALL 4WD INDICATOR SWITCH