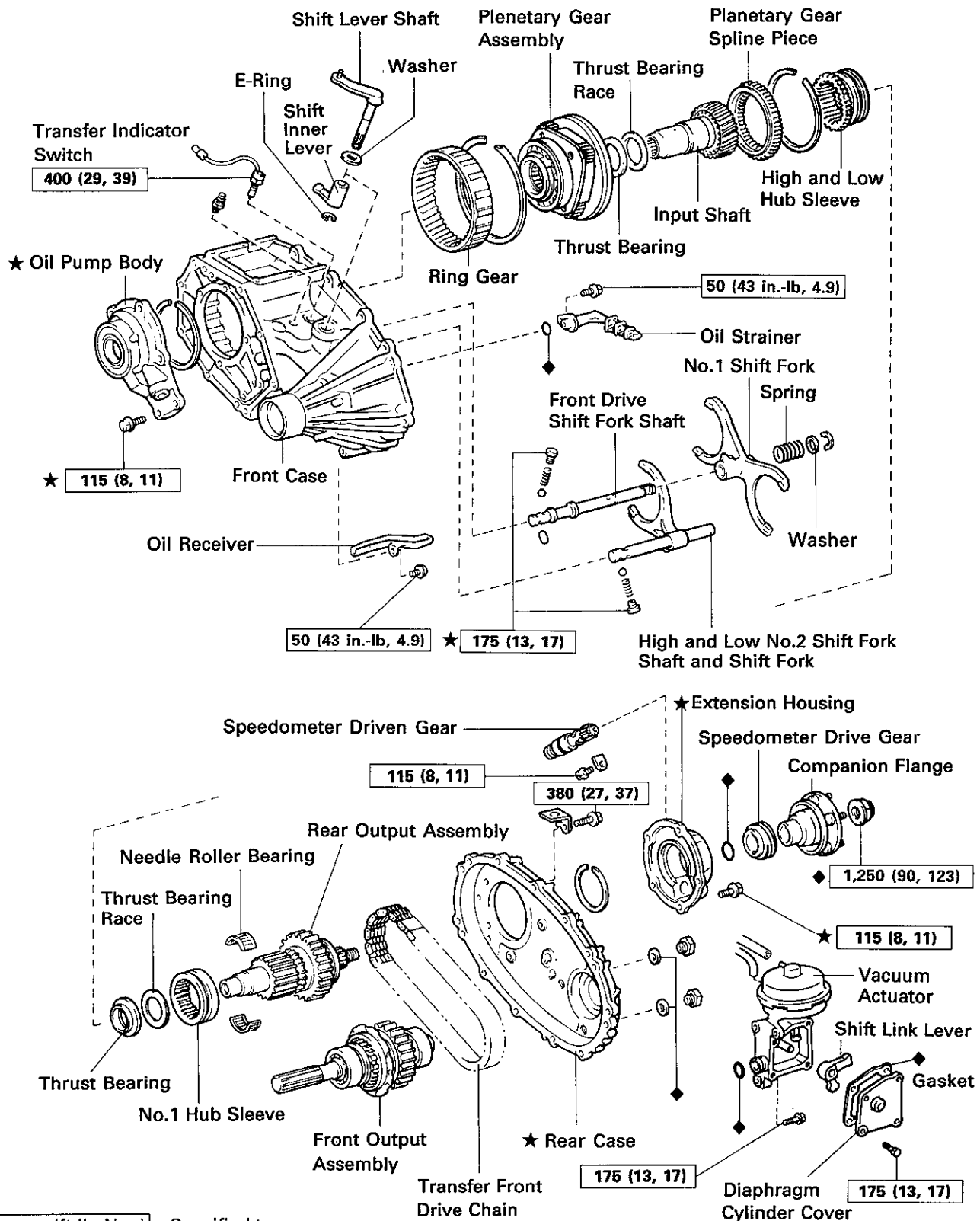


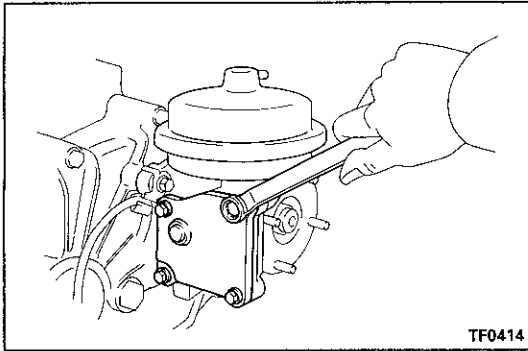
DISASSEMBLY OF TRANSFER COMPONENTS



kg-cm (ft-lb, N-m) : Specified torque

◆ Non-reusable part

★ Precoated part

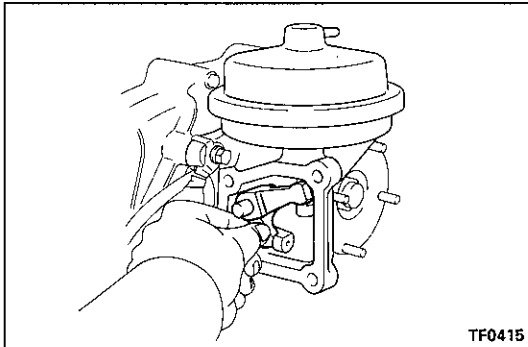


DISASSEMBLY OF TRANSFER

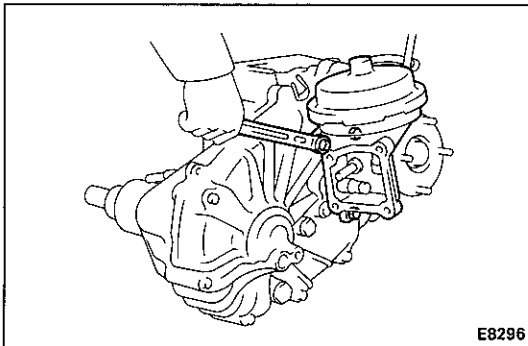
(See page TF-8)

1. REMOVE DIAPHRAGM CYLINDER COVER

- (a) Remove four bolts and the cover.
- (b) Remove the gasket.

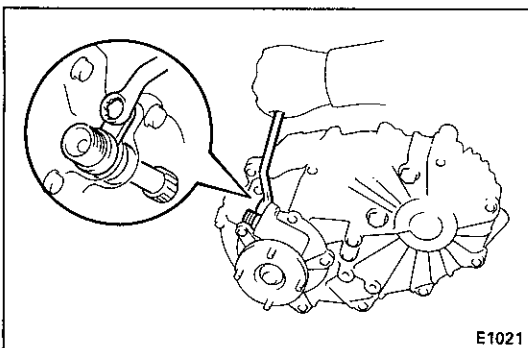


2. REMOVE SHIFT LINK LEVER

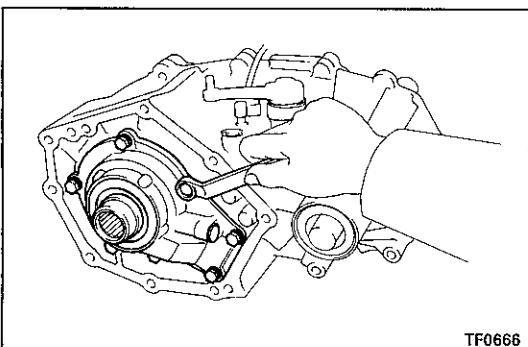


3. REMOVE DIAPHRAGM CYLINDER BODY

- (a) Remove three bolts and diaphragm cylinder body from the transfer case.
- (b) Remove the O-ring from the diaphragm cylinder body.

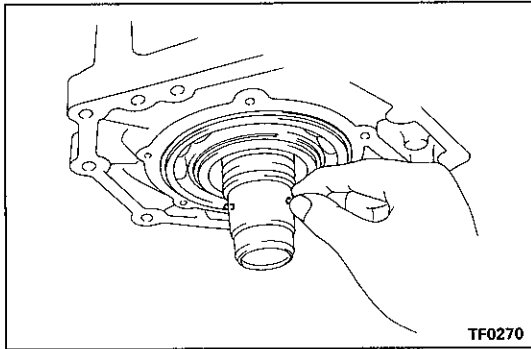


4. REMOVE SPEEDOMETER DRIVEN GEAR

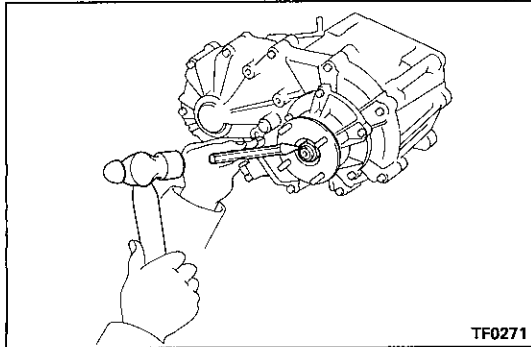


5. REMOVE OIL PUMP BODY ASSEMBLY

- (a) Remove the seven bolts and remove the oil pump body assembly.

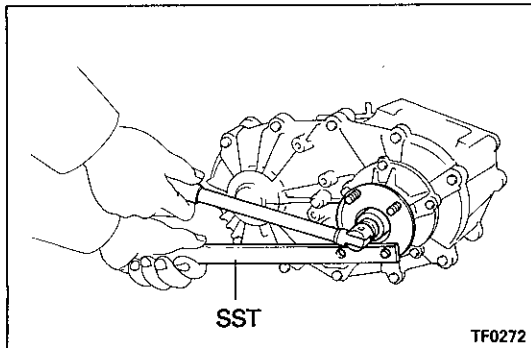


(b) Remove the two pins from the input shaft.



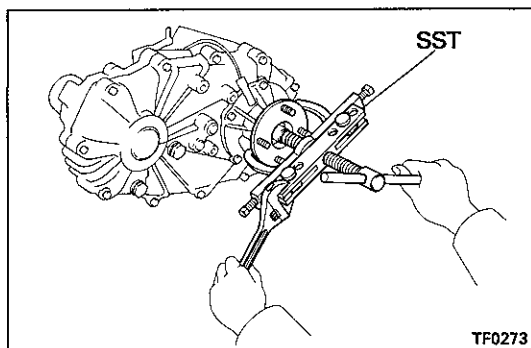
6. REMOVE COMPANION FLANGE

(a) Using a hammer and chisel, loosen the staked part of the nut.



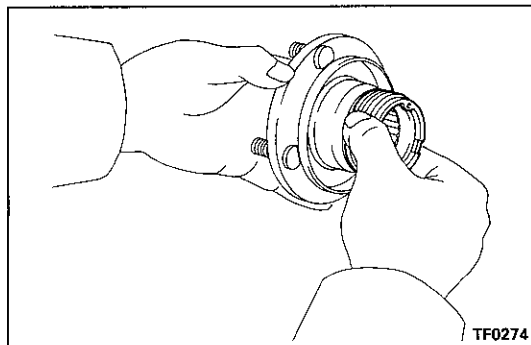
(b) Using SST to hold the flange, remove the companion flange lock nut.

SST 09330-00021

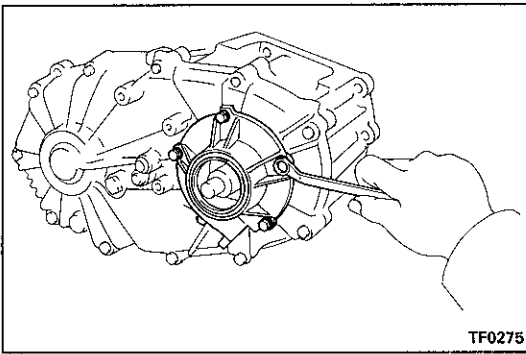


(c) Using SST, remove the companion flange.

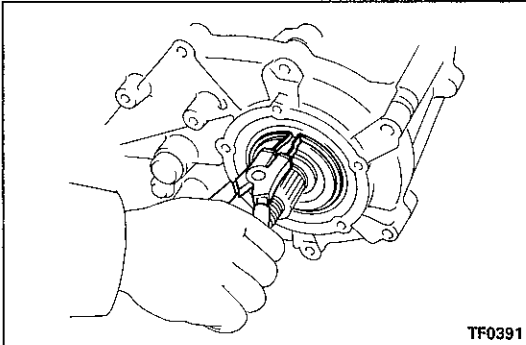
SST 09950-20017



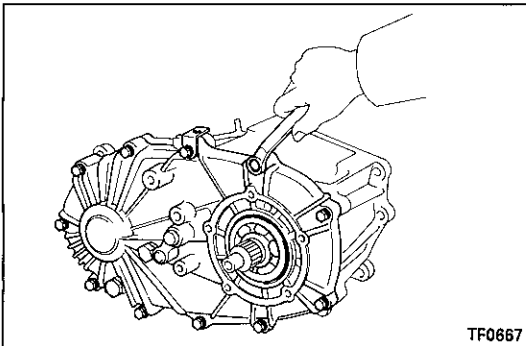
7. REMOVE SPEEDOMETER DRIVE GEAR FROM COMPANION FLANGE

**8. REMOVE EXTENSION HOUSING**

Remove the five bolts and remove the extension housing.

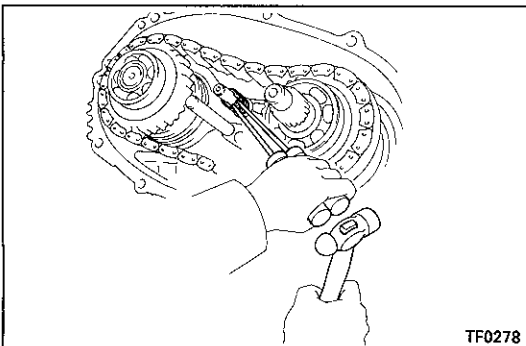
**9. REMOVE TRANSFER REAR CASE**

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

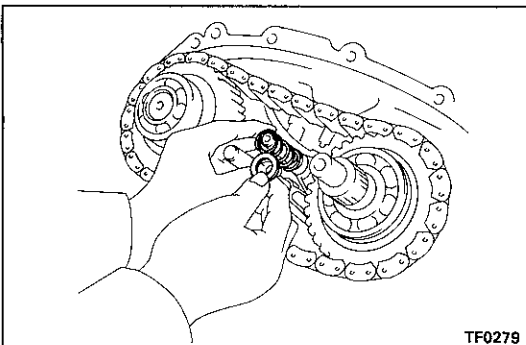


(b) Remove the eleven bolts and rear case.

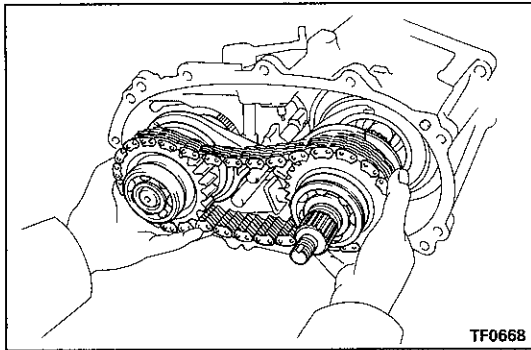
HINT: Using a screwdriver, pry at the portions indicated in the illustration to remove the rear case.

**10. REMOVE SPRING AND WASHER FROM FRONT DRIVE SHIFT FORK SHAFT**

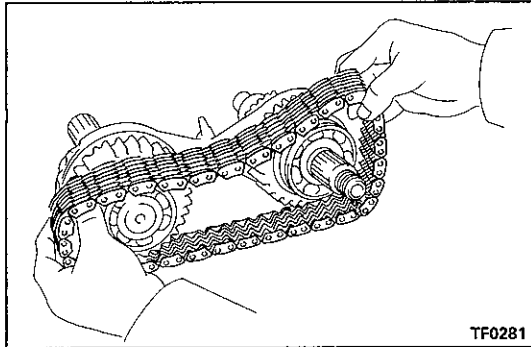
(a) Using two screwdrivers and a hammer, tap out the snap ring.



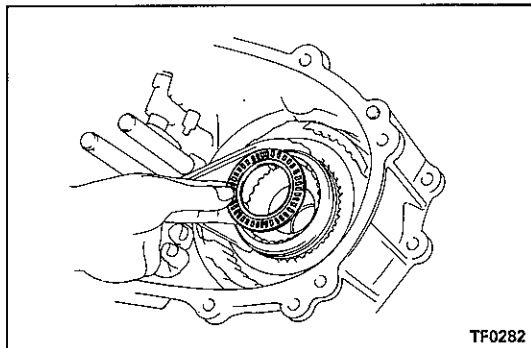
(b) Remove the washer and spring.

**11. REMOVE FRONT AND REAR OUTPUT ASSEMBLY**

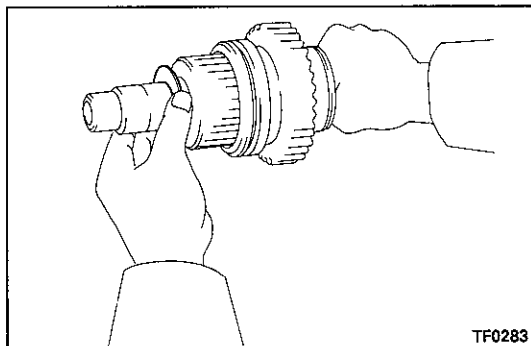
- (a) Remove the front and rear output assembly with the transfer drive chain and No.1 shift fork.



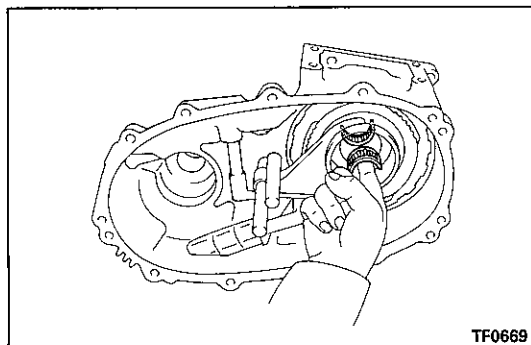
- (b) Remove the transfer drive chain and No.1 shift fork.



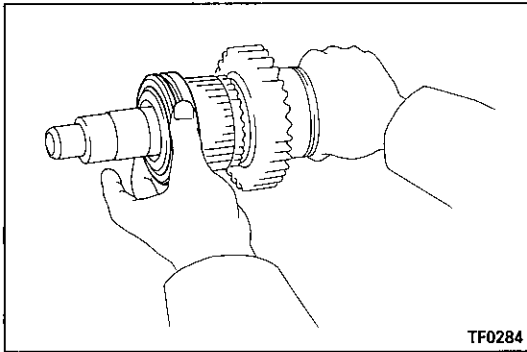
- (c) Remove the thrust bearing.



- (d) Remove the thrust bearing race from the rear output assembly.

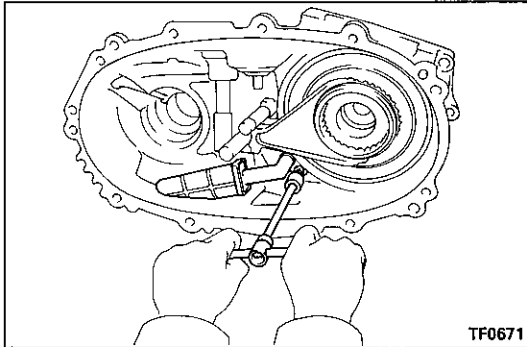


- (e) Remove the needle roller bearing.



TF0284

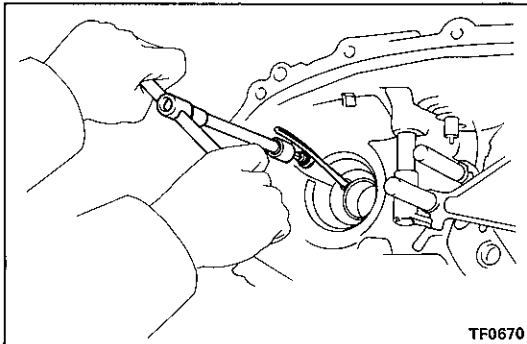
- (f) Remove No. 1 hub sleeve from the rear output assembly.



TF0671

12. REMOVE OIL STRAINER

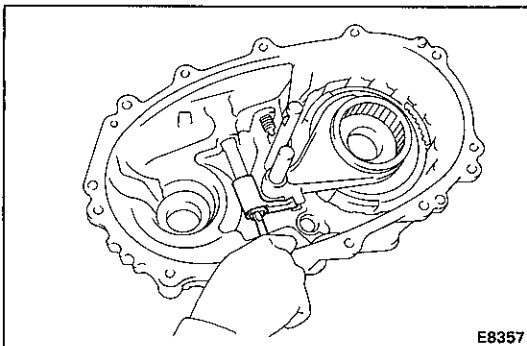
- (a) Using a torx socket wrench, remove the screw and oil strainer.
(Torx socket wrench T30 09042-00030)
- (b) Remove the O-ring from the oil strainer.



TF0670

13. REMOVE OIL RECEIVER

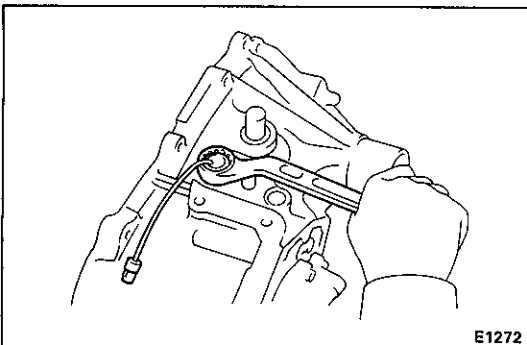
- Using a torx socket wrench, remove the screw and oil receiver.
(Torx socket wrench T30 09042-00030)



E8357

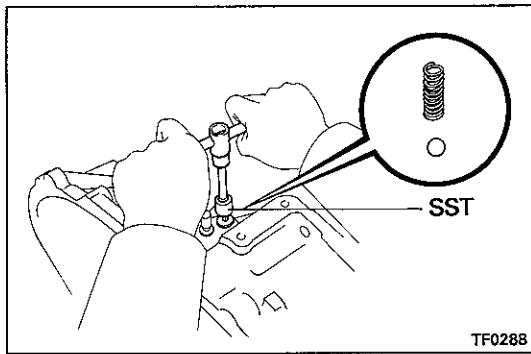
14. REMOVE SHIFT INNER LEVER AND SHIFT LEVER SHAFT

- (a) Using a screwdriver, remove the E-ring.
- (b) Remove the shift inner lever and shift lever shaft.



E1272

15. REMOVE TRANSFER INDICATOR SWITCH

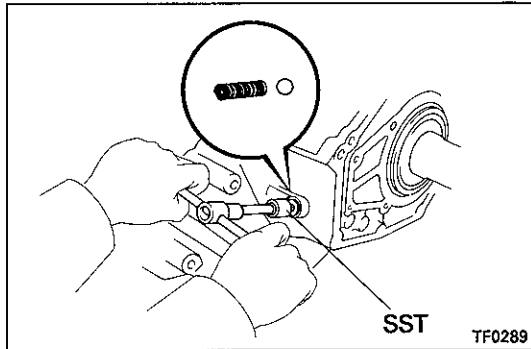


16. REMOVE STRAIGHT SCREW PLUGS, SPRINGS AND LOCKING BALLS

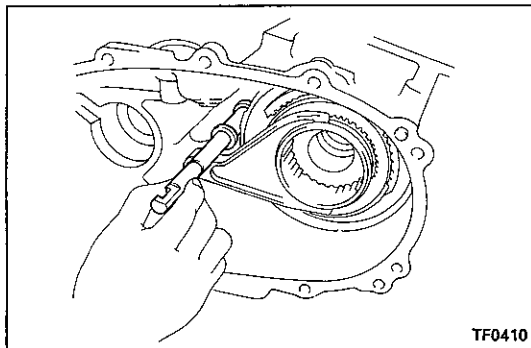
(a) Using SST, remove the plug on the upper side.

SST 09313-30021

(b) Using a magnetic finger, remove the spring and ball.

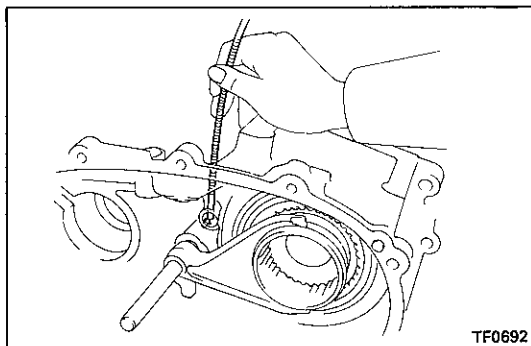


(c) Remove the plug, spring and ball on the lower side in the same procedure.

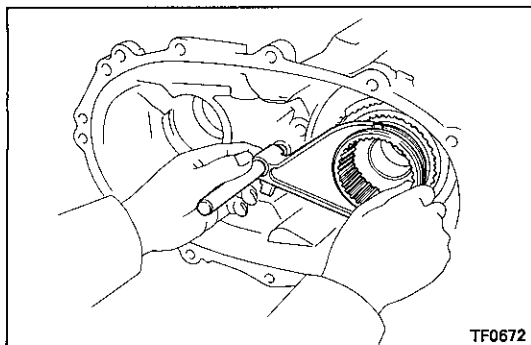


17. REMOVE FRONT DRIVE SHIFT FORK SHAFT

(a) Pull out the front drive shift fork shaft.

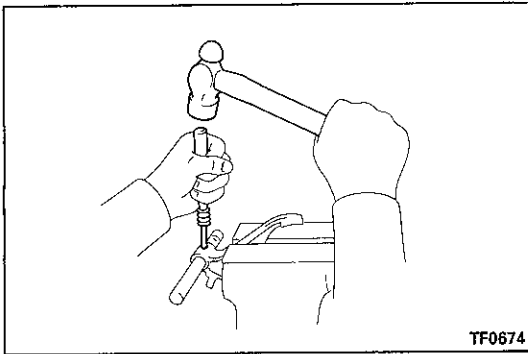


(b) Using a magnetic finger, remove the interlock pin from the front case.

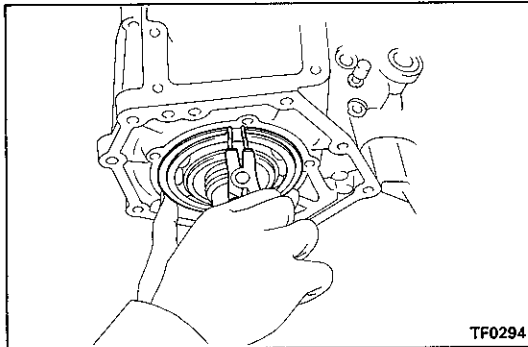


18. REMOVE HIGH AND LOW SHIFT FORK SHAFT

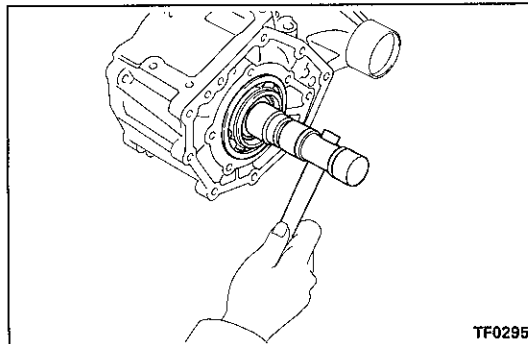
Remove the high and low shift fork shaft with No. 2 shift fork and high and low hub sleeve.

**19. REMOVE HIGH AND LOW SHIFT FORK**

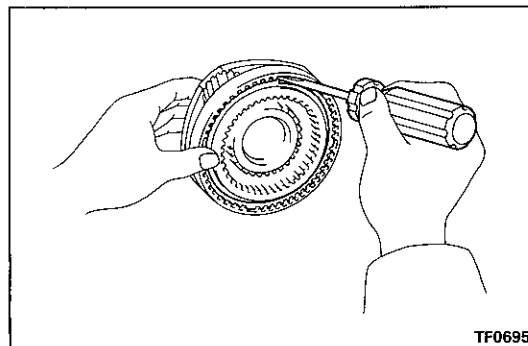
- (a) Using a pin punch and hammer, drive out the slotted spring pin.
- (b) Remove the high and low shift fork.

**20. REMOVE PLANETARY GEAR ASSEMBLY WITH INPUT SHAFT**

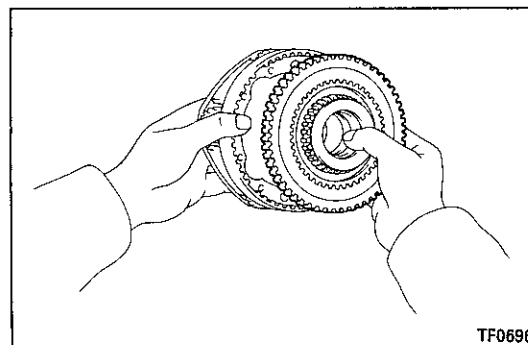
- (a) Using snap ring pliers, remove the snap ring.



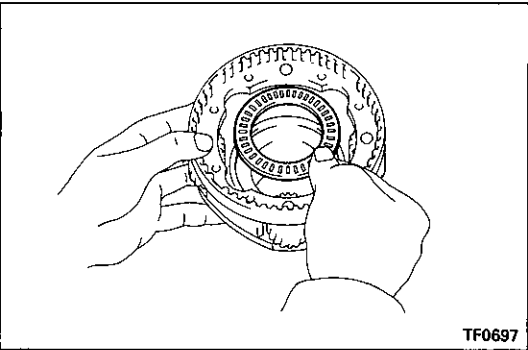
- (b) Remove the planetary gear assembly with the input shaft by tapping on the input shaft with a plastic hammer.

**21. REMOVE INPUT SHAFT**

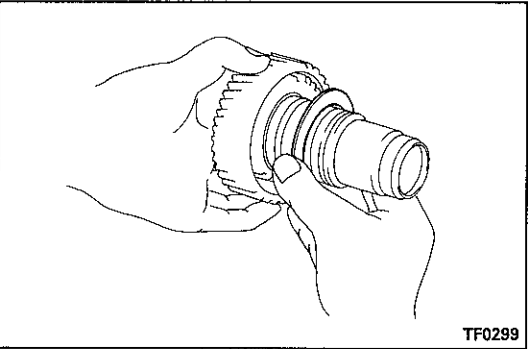
- (a) Using a screwdriver, remove the snap ring.



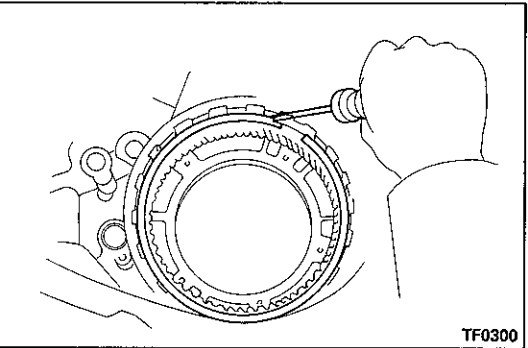
- (b) Remove the planetary gear spline piece and input shaft.



(c) Remove the thrust bearing from the planetary gear.

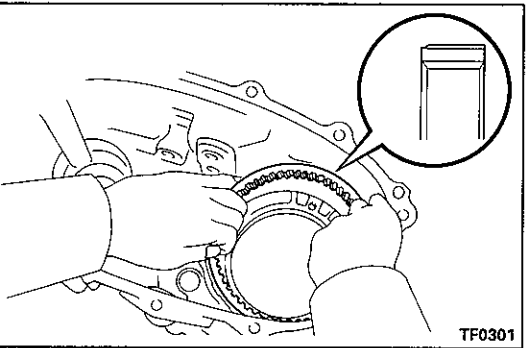


(d) Remove the thrust bearing race from the input shaft.

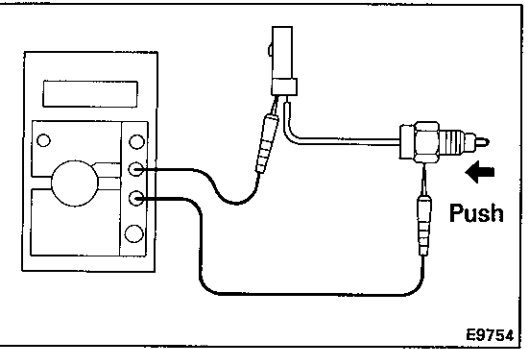


22. REMOVE RING GEAR

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



(b) Remove the ring gear from the front case.



23. INSPECT TRANSFER INDICATOR SWITCH

Check that there is continuity between terminal and switch body as shown.

Switch Position	Specified
Push	Continuity
Free	No continuity

If operation is not as specified, replace the switch.