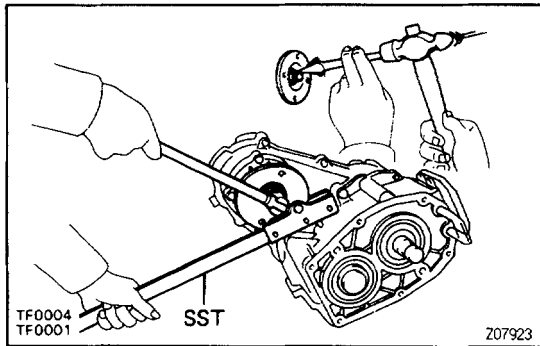


TRANSFER DISASSEMBLY

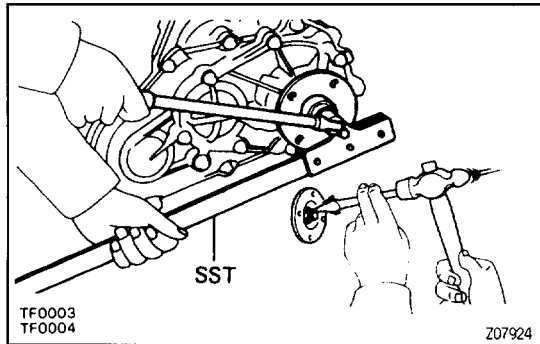
(See page [TR1-8](#))

1. REMOVE NO.1 SPEED SENSOR
2. REMOVE TRANSFER INDICATOR SWITCH



3. REMOVE FRONT COMPANION FLANGE

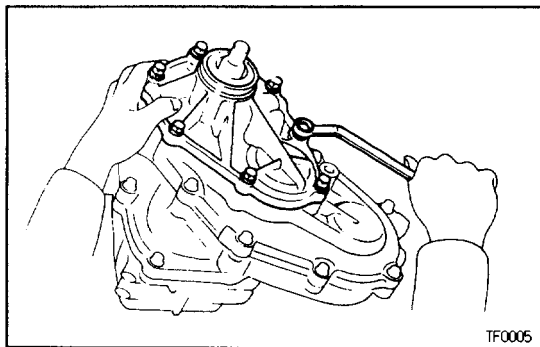
- (a) Using a hammer and chisel, loosen the staked part of the nut.
- (b) Using SST to hold the flange, remove the nut and washer.
SST 09330-00021
- (c) Remove the companion flange.



HINT: If the companion flange is difficult to remove, use SST.

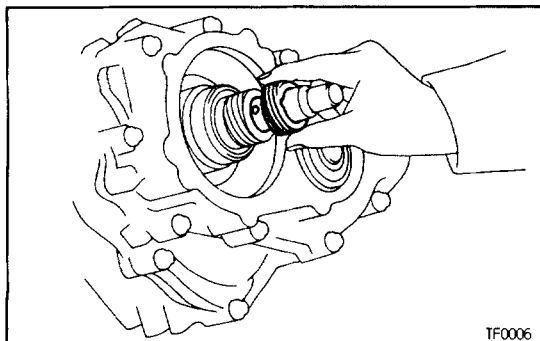
4. REMOVE REAR COMPANION FLANGE

- (a) Using a hammer and chisel, loosen the staked part of the nut.
- (b) Using SST to hold the flange, remove the nut and washer.
SST 09330-00021
- (c) Remove the companion flange.

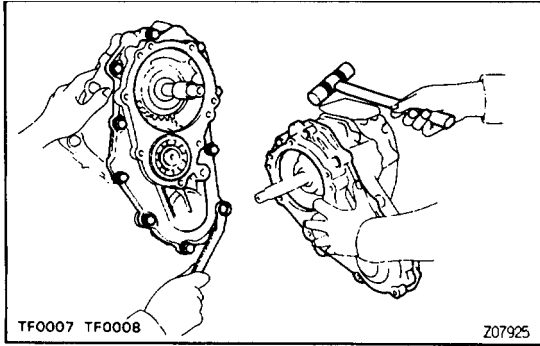


5. REMOVE EXTENSION HOUSING

Remove the 7 bolts and remove the extension housing.

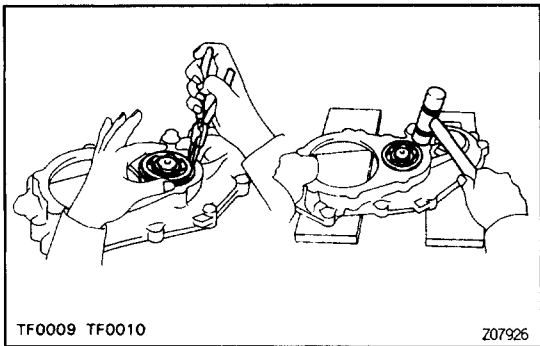


6. REMOVE SPEEDOMETER DRIVE GEAR, STEEL BALL, OIL PUMP SCREW AND BEARING

**7. REMOVE REAR CASE**

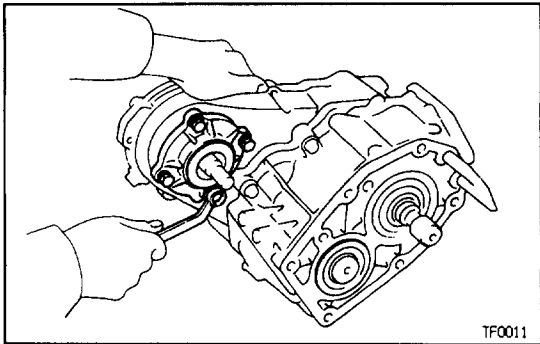
- (a) Remove the 10 bolts.
- (b) Using a plastic hammer, remove the rear case with the idler gear.

HINT: Hold the front case so the rear does not descend. If it descends, the clutch hub and steel ball may fall out.

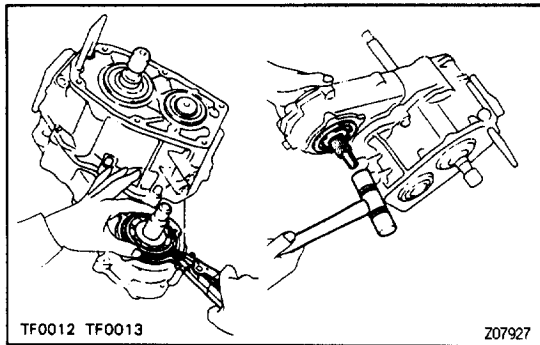
**8. REMOVE IDLER GEAR FROM REAR CASE**

- (a) Using a snap ring expander, remove the snap ring.
- (b) Using a plastic hammer, tap out the idler gear from the rear case.

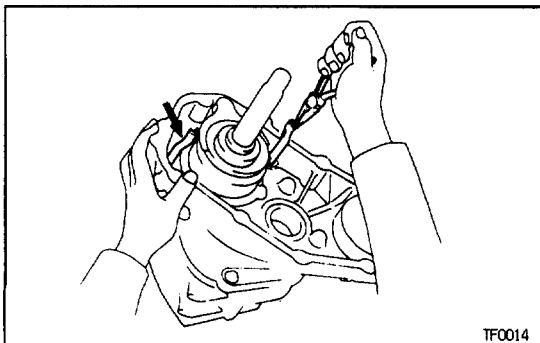
HINT: Place the rear case on something soft such as wooden blocks.

**9. REMOVE BEARING RETAINER**

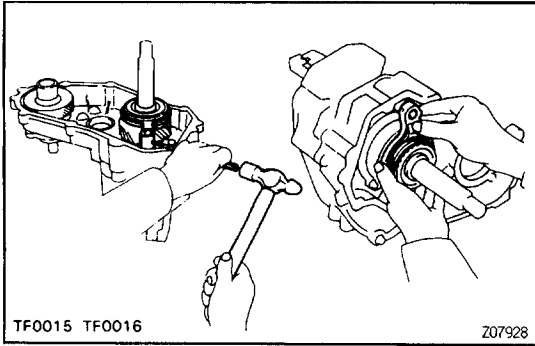
Remove the 4 bolts and remove the bearing retainer.

**10. REMOVE FRONT DRIVE GEAR**

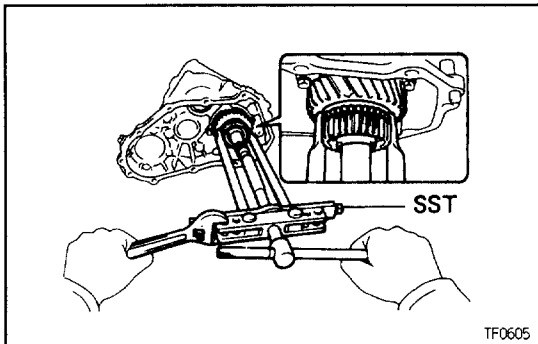
- (a) Using a snap ring expander, remove the snap ring.
- (b) Using a plastic hammer, tap out the front drive gear from the front case.

**11. REMOVE OIL PIPES**

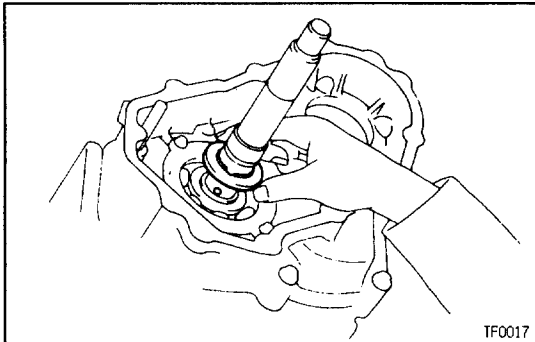
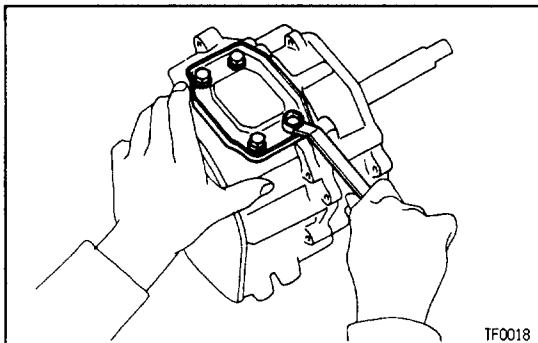
Using pliers, remove the 2 oil pipes.

**12. REMOVE SHIFT NO.1 FORK AND CLUTCH SLEEVE**

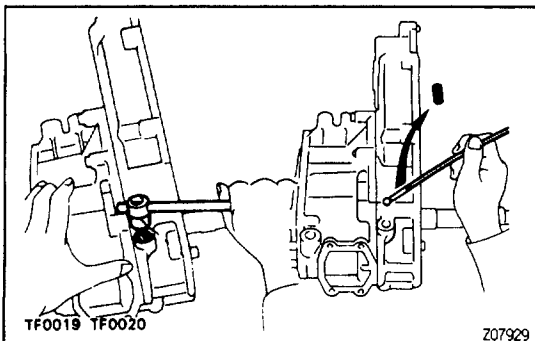
- (a) Shift the fork shafts to the high-low position.
- (b) Using a pin punch and a hammer, drive out the slotted spring pin.
- (c) Remove the shift No.1 fork together with the clutch sleeve.

**13. REMOVE CLUTCH HUB AND TRANSFER DRIVE GEAR**

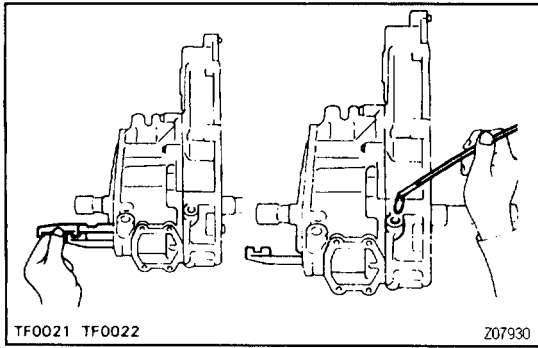
Using SST, remove clutch hub and transfer drive gear.
SST 09950-20017

**14. REMOVE NEEDLE ROLLER BEARING, NO.2 SPACER AND STEEL BALL****15. REMOVE TRANSFER CASE COVER**

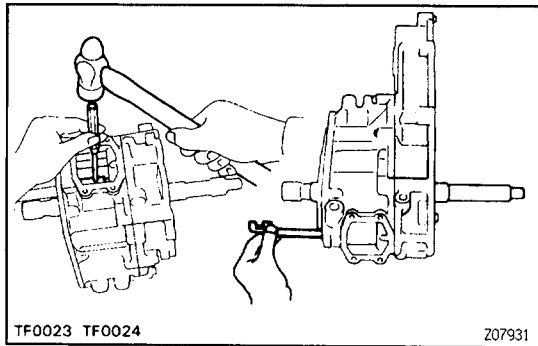
Remove the 4 bolts and remove the transfer case cover and gasket.

**16. REMOVE STRAIGHT SCREW PLUGS, SPRINGS AND LOCKING BALLS**

- (a) Using a hexagon wrench, remove the plug on the right side.
- (b) Using a magnetic finger, remove the spring and ball.
- (c) Similarly, remove the plug, spring and ball on the left side.

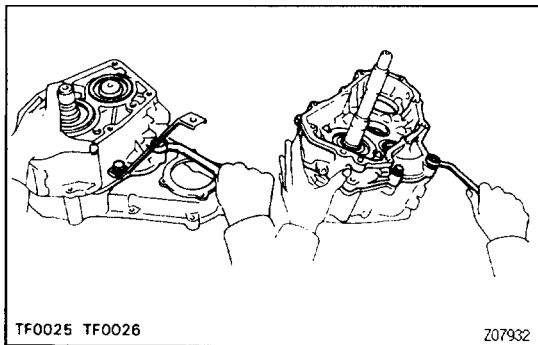
**17. REMOVE FRONT DRIVE SHIFT FORK SHAFT****18. REMOVE INTERLOCK PIN**

Using a magnetic finger, remove the interlock pin.

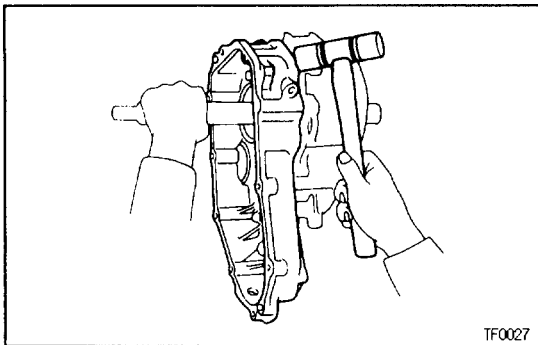
**19. REMOVE HIGH AND LOW SHIFT FORK SHAFT**

(a) Using a pin punch and a hammer, drive out the slotted spring pin.

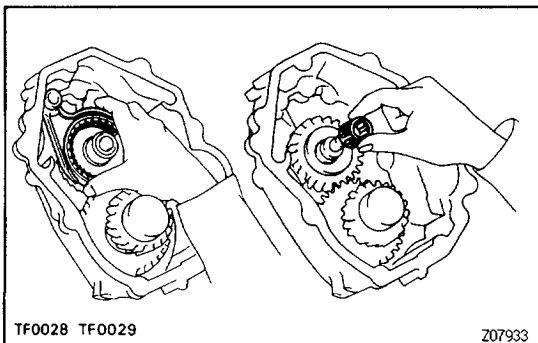
(b) Remove the shaft.

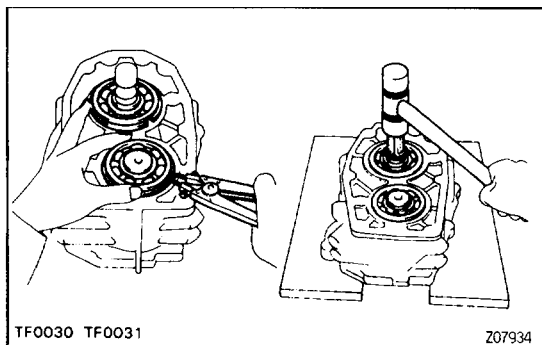
**20. REMOVE FRONT CASE**

(a) Remove the 4 bolts.



(b) Using a plastic hammer, remove the front case with the output shaft.

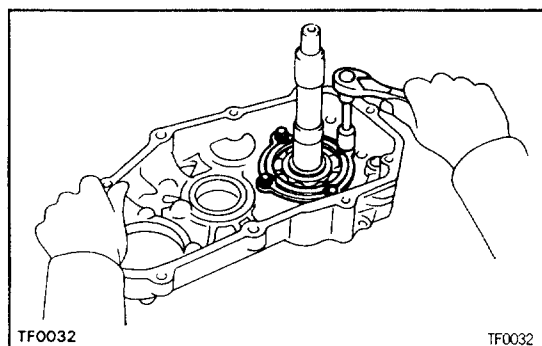
**21. REMOVE NO.2 FORK WITH CLUTCH SLEEVE AND NEEDLE ROLLER BEARING FROM INPUT SHAFT**



22. REMOVE INPUT GEAR AND COUNTER GEAR FROM REDUCTION GEAR CASE

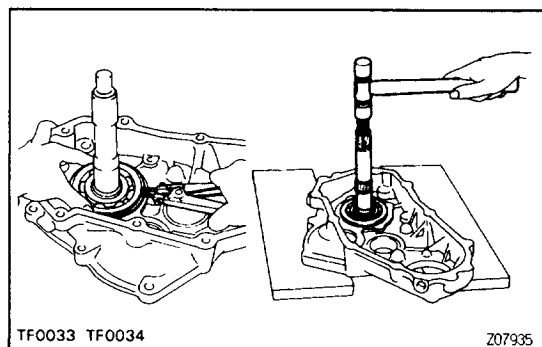
- (a) Using a snap ring expander, remove the 2 snap rings.
- (b) Using a plastic hammer, tap out the input gear and counter gear from the reduction gear case.

HINT: Place the reduction gear case on something soft such as wooden blocks.



23. REMOVE OUTPUT SHAFT FROM FRONT CASE

- (a) Remove the 4 bearing retainer bolts and remove the bearing retainer.



- (b) Using a snap ring expander, remove the snap ring.
- (c) Using a plastic hammer, tap out the output shaft from the front case.

HINT: Place the front case on something soft such as wooden blocks.