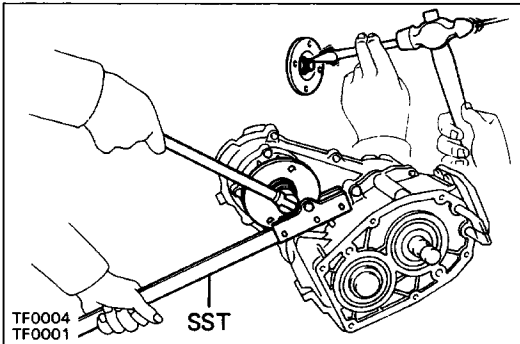# DISASSEMBLY OF TRANSFER
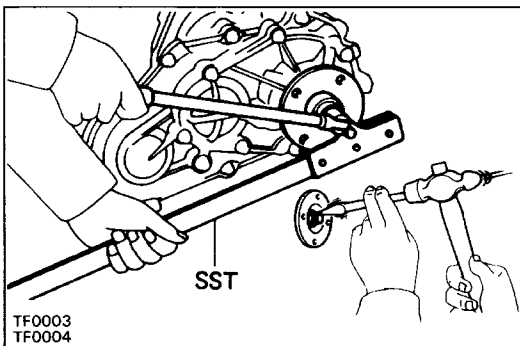**1. REMOVE No. 1 SPEED SENSOR**
2. REMOVE TRANSFER INDICATOR SWITCH

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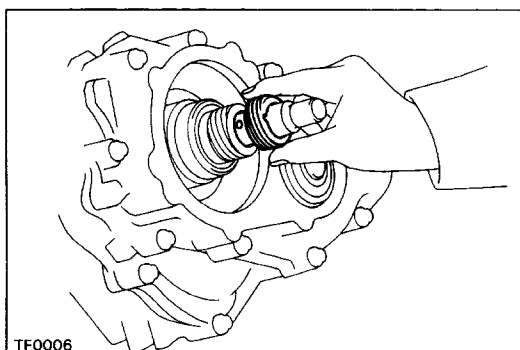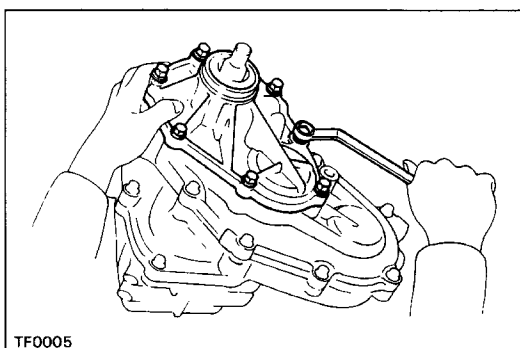(a) Using a hammer and chisel, loosen the staked part of the nut.
(b) Using SST to hold the flange, remove the nut and washer.
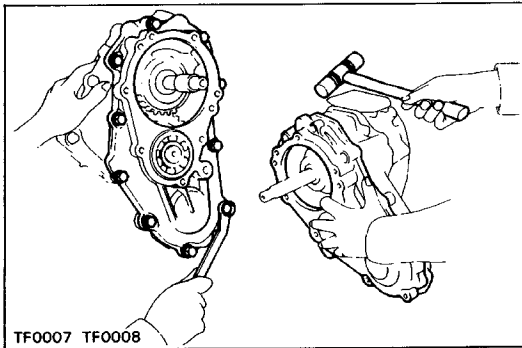SST 09330–00021
(c) Remove the companion flange.

5. REMOVE EXTENSION HOUSING
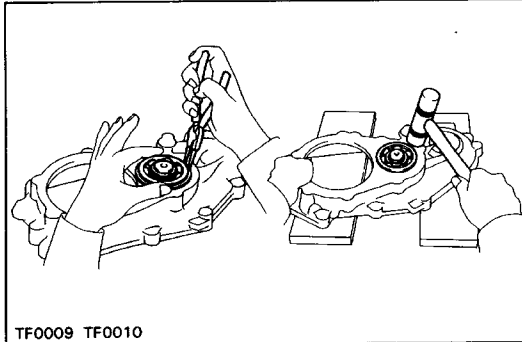Remove the seven bolts and remove the extension housing.

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

7. REMOVE REAR CASE

(a) Remove the ten bolts.

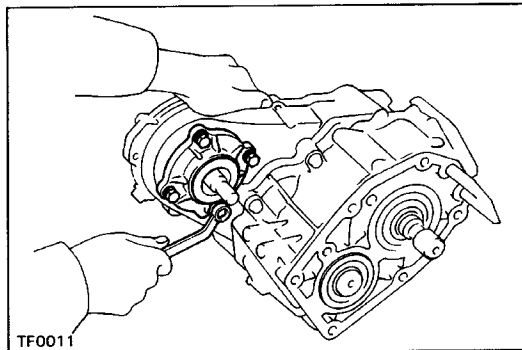(b) Using a plastic hammer, remove the rear case with the idler gear.

HINT: Hold the front case so the rear does not descend. If it descends, the clutch hub and steel ball may fall out.
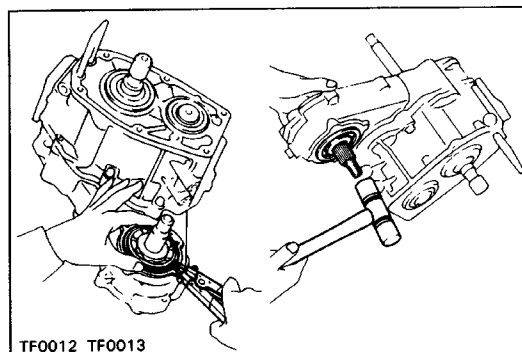
8. REMOVE IDLER GEAR FROM REAR CASE

(a) Using snap ring pliers, 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.

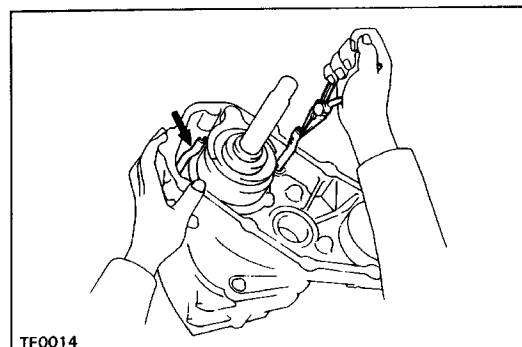## 9. REMOVE BEARING RETAINER
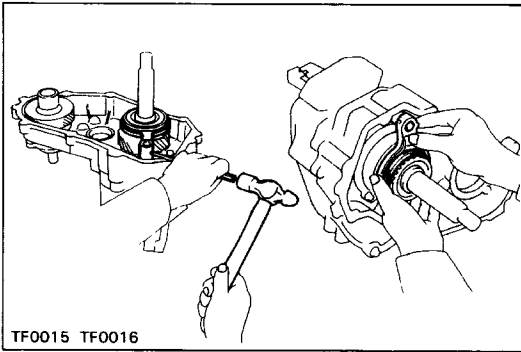
Remove the four bolts and remove the bearing retainer.

10. REMOVE FRONT DRIVE GEAR

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

(b) Using a plastic hammer, tap out the front drive gear from the front case.
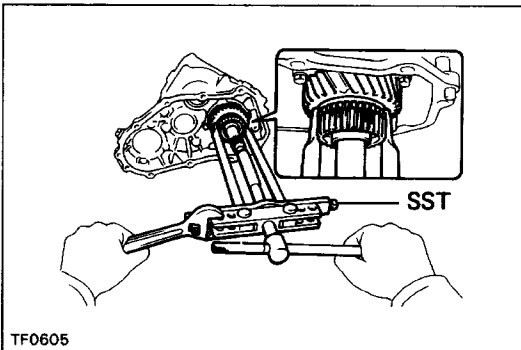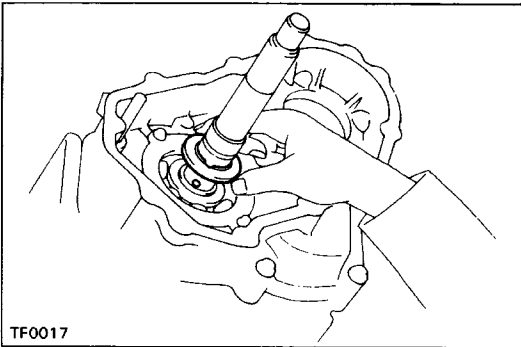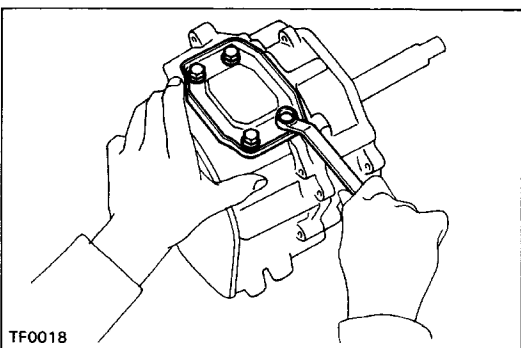
11. REMOVE OIL PIPES

Using pliers, remove the two oil pipes.

12. REMOVE SHIFT NO. 1 FORK AND CLUTCH SLEEVE
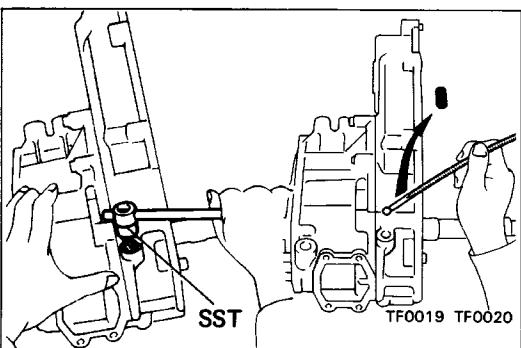(a) Shift the fork shafts to the high–low position.
(b) Using a pin punch and a hammer, drive out the slot–ted spring pin.
(c) Remove the shift No. 1 fork together with the clutch sleeve.

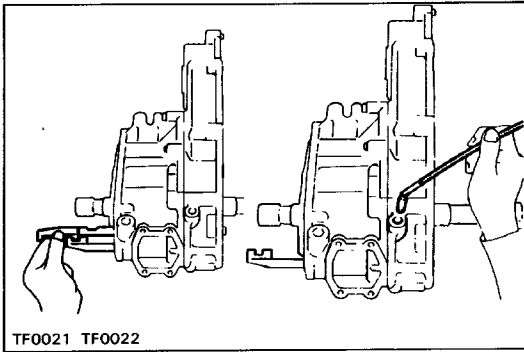**13. REMOVE CLUTCH HUB AND TRANSFER DRIVE GEAR**
Using SST, remove clutch hub and transfer drive gear.
SST 09950–20017

14. REMOVE NEEDLE ROLLER BEARING, NO.2 SPACER AND STEEL BALL

15. REMOVE TRANSFER CASE COVER
Remove the four bolts and remove the transfer case cover and gasket.

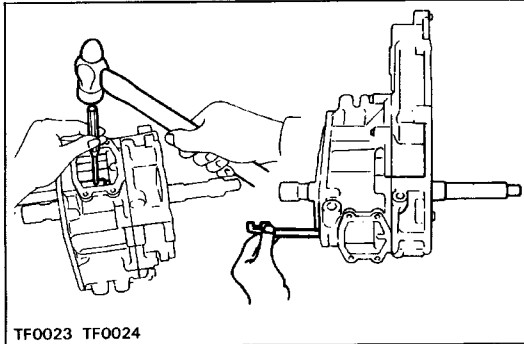**16. REMOVE STRAIGHT SCREW PLUGS, SPRINGS AND LOCKING BALLS**
(a) Using SST, remove the plug on the right side.
SST 09313–30021
(b) Using a magnetic finger, remove the spring and ball.
(c) Remove the plug, spring and ball on the left side in the same procedure.

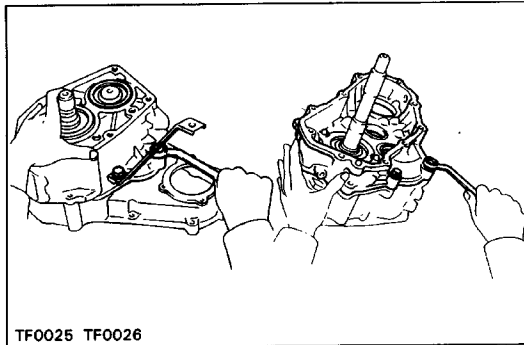**17. REMOVE FRONT DRIVE SHIFT FORK SHAFT**
18. REMOVE INTERLOCK PIN
Using a magnetic finger, remove the interlock pin.
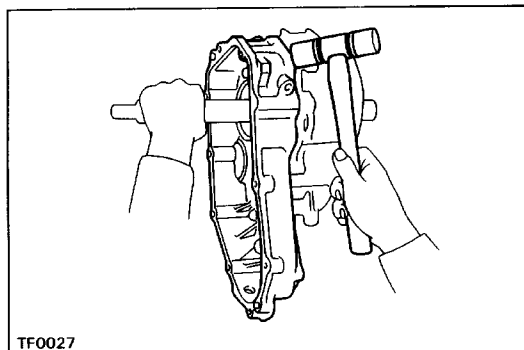
19. REMOVE HIGH AND LOW SHIFT FORK SHAFT
(a) Using a pin punch and a hammer, drive out the slot–
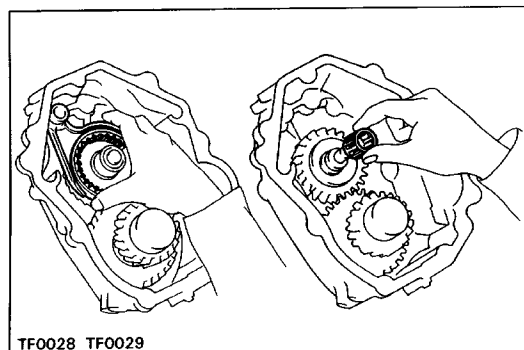ted spring pin.
(b) Remove the shaft.
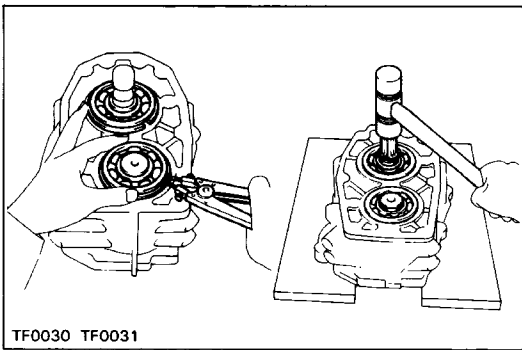
20. REMOVE FRONT CASE
(a) Remove the four bolts.

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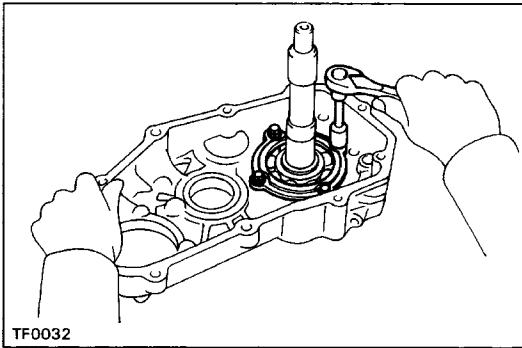the output shaft.

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

TF0030 TF0031

22. REMOVE INPUT GEAR AND COUNTER GEAR FROM REDUCTION GEAR CASE
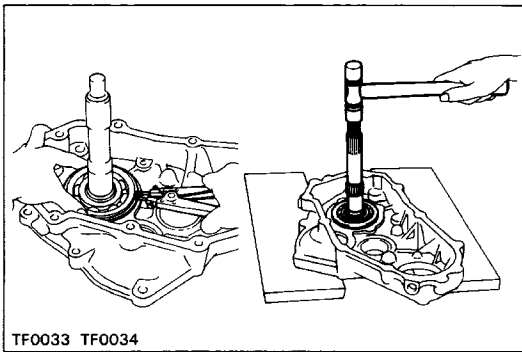(a) Using a snap ring pliers, remove the two snap rings.
(b) Using a plastic hammer, tap out the input gear and counter gear from the reduction gear case.

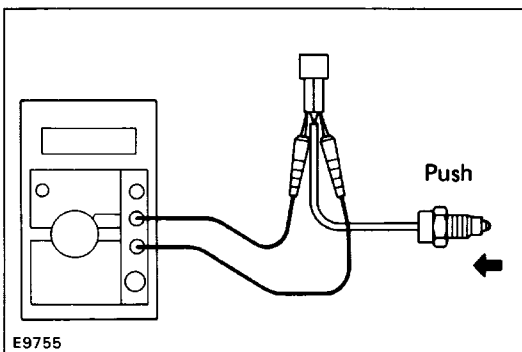HINT: Place the reduction gear case on something soft such as wooden blocks.

TF0032

23. REMOVE OUTPUT SHAFT FROM FRONT CASE
(a) Remove the four bearing retainer bolts and remove the bearing retainer.

TF0033 TF0034

(b) Using a snap ring pliers, 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.

E9755

24. INSPECTION OF TRANSFER INDICATOR SWITCH
Check that there is continuity between terminals as shown.

Switch Position	Specified
Push	Continuity
Free	No continuity

If operation is not as specified, replace the switch.