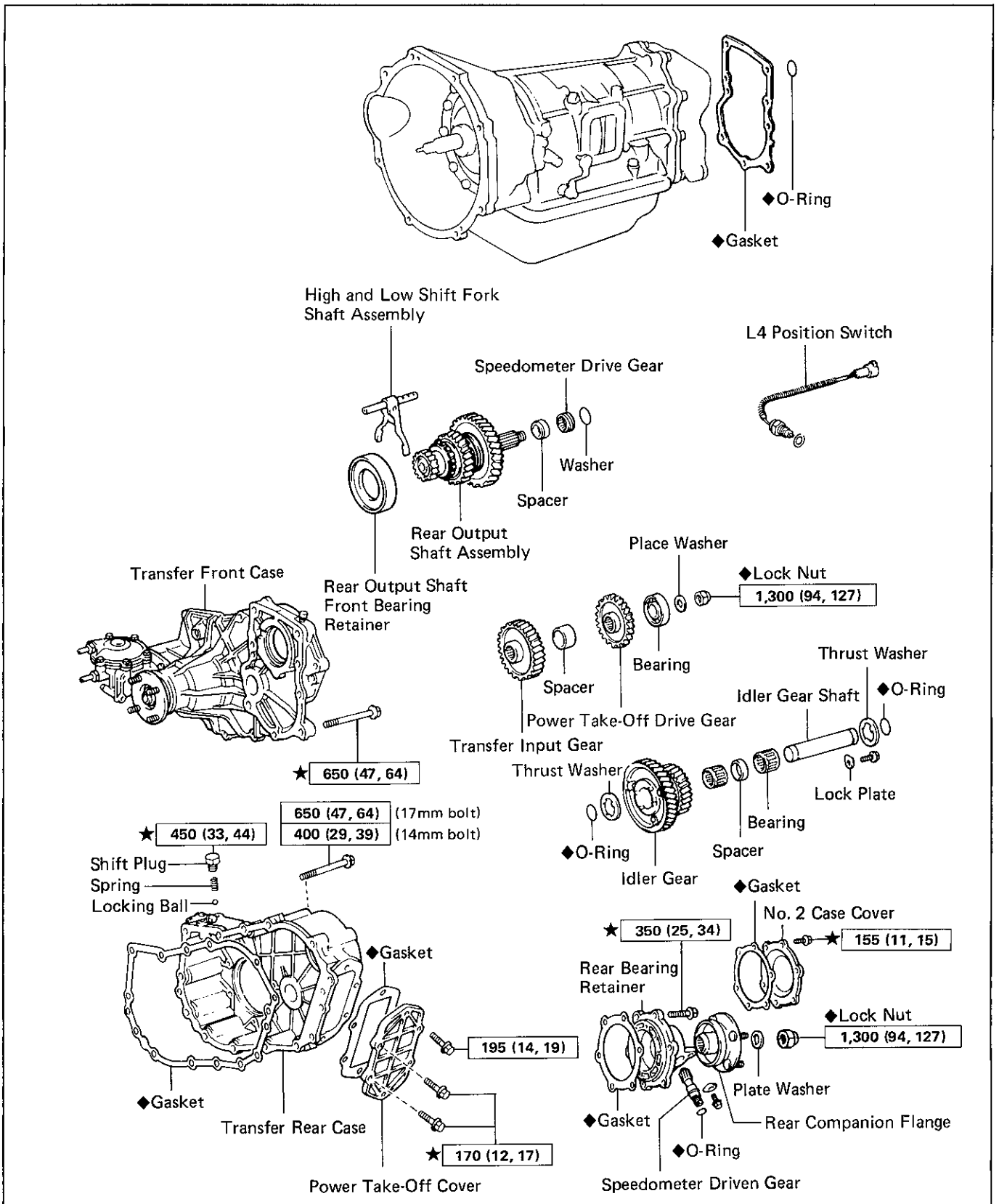
DISASSEMBLY OF TRANSFER

COMPONENTS

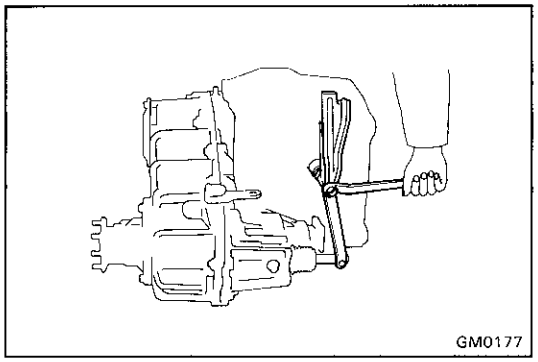


kg-cm (ft-lb, N·m) : Specified torque

◆ Non-reusable part

★ Precoated part

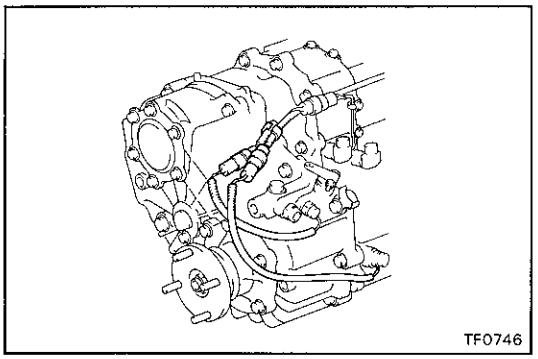
TF0830


GM0177

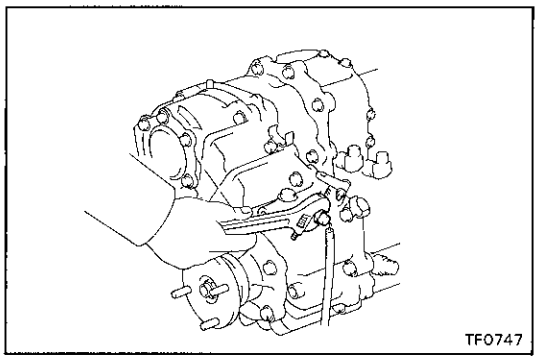
DISASSEMBLY OF TRANSFER

(See page TF-4)

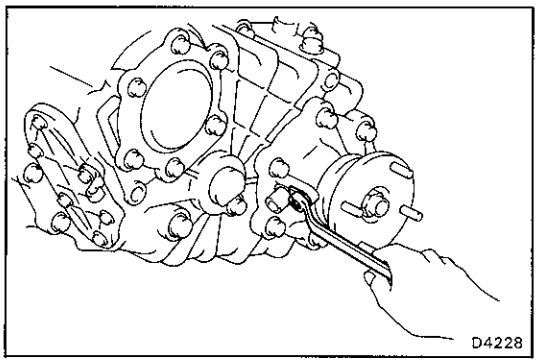
1. **(DIRECT SHIFT TYPE)**
   REMOVE TRANSFER FRONT DRIVE SHIFT LEVER
   (a) Remove the drive shift lever from transfer.
   (b) Remove the dust boot.


TF0746

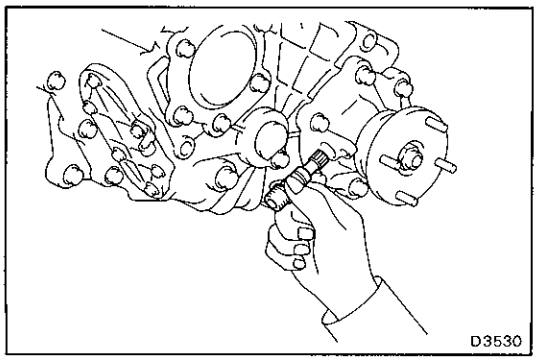
(VACUUM SHIFT TYPE)
REMOVE TRANSFER L4 POSITION SWITCH
(a) Disconnect the two connectors.


TF0747

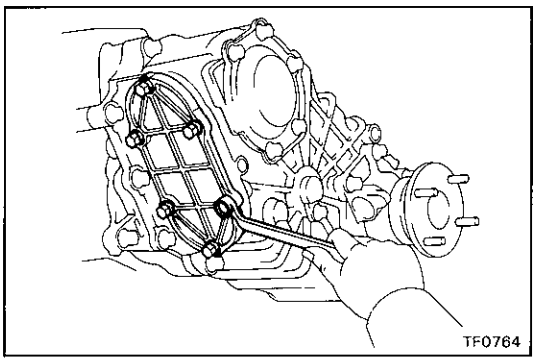
(b) Remove the transfer L4 position switch.


D4228

2. **REMOVE SPEEDOMETER DRIVEN GEAR**
   (a) Remove the bolt and lock plate.

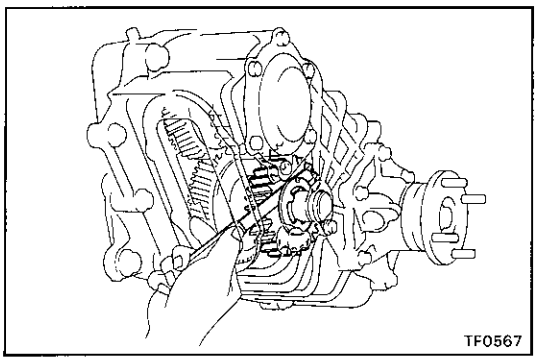

D3530

(b) Remove the speedometer driven gear.
(c) Remove the O-ring from the speedometer driven gear.



3. REMOVE POWER TAKE-OFF COVER

Remove the six bolts, and remove the power take- off cover and gasket.

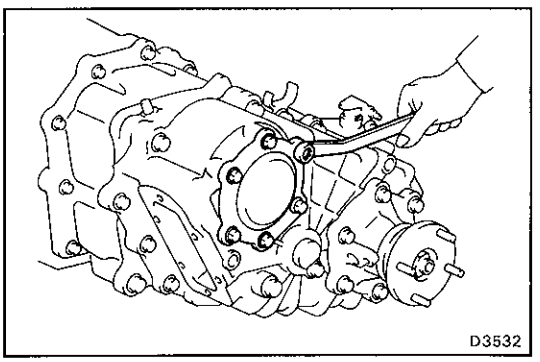


4. INSPECT IDLER GEAR THRUST CLEARANCE

Using a feeler gauge, measure the clearance between the idler gear and thrust washer.

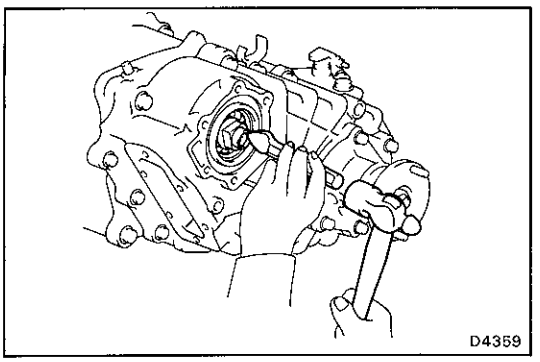
Standard clearance: **0.275 — 0.625 mm (0.0110 — 0.0246 in.)**

Maximum clearance: **0.625 mm (0.0264 in.)**



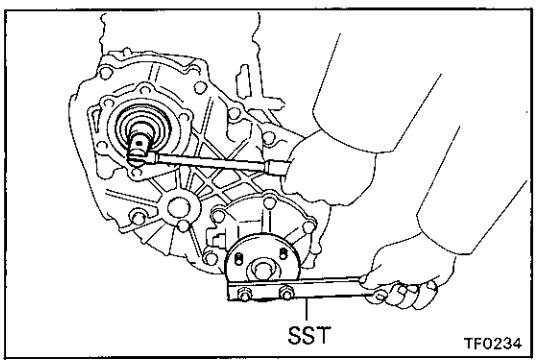
5. REMOVE TRANSFER NO.2 CASE COVER

Remove the six bolts, and remove transfer No.2 case cover and gasket.



6. REMOVE TRANSMISSION OUTPUT SHAFT LOCK NUT

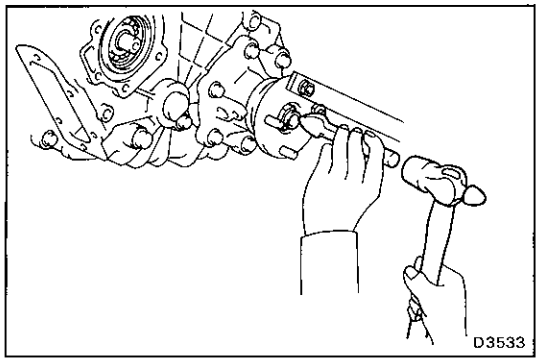
(a) Using a hammer and chisel, loosen the staked part of the nut.



(b) Shift the outer lever of the transfer high and low shift lever to H2 or L4 position.

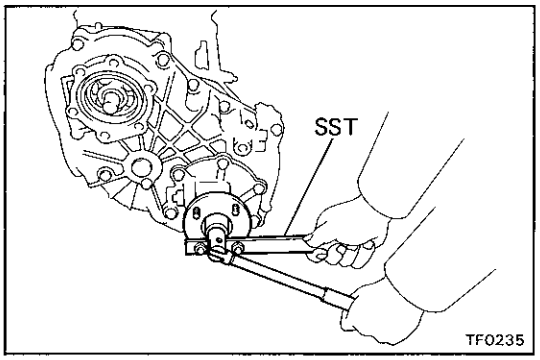
(c) Using SST and two nuts to hold the rear companion flange, remove the transmission output shaft lock nut and plate washer.

SST 09330-00021



7. REMOVE REAR COMPANION FLANGE

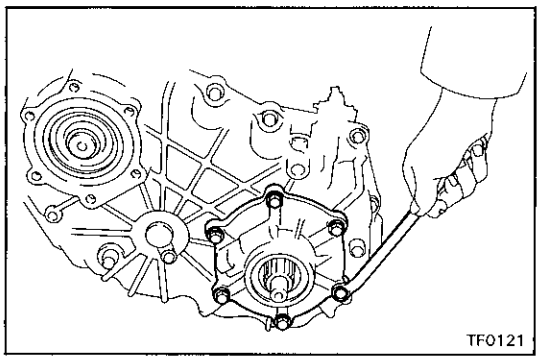
(a) Using a hammer and chisel, loosen the staked part of the nut.



(b) Using SST and two nuts to hold the rear companion flange, remove the companion flange lock nut.

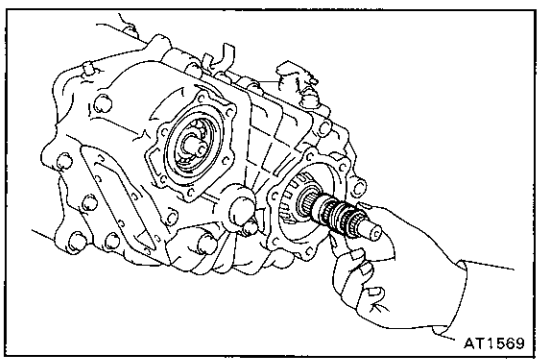
SST 09330-00021

(c) Remove the plate washer and companion flange.

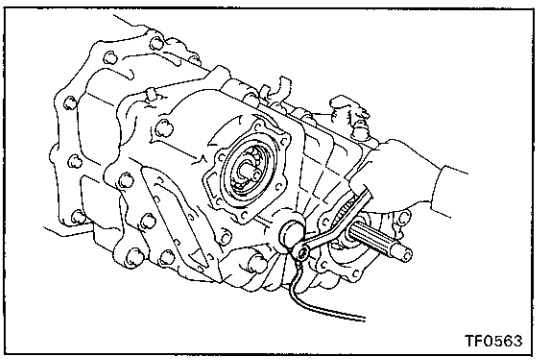


8. REMOVE REAR OUTPUT SHAFT REAR BEARING RETAINER

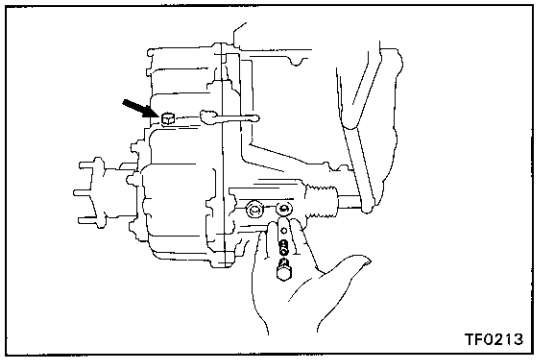
Remove the six bolts, and remove the rear output shaft bearing retainer and gasket.



9. REMOVE WASHER, SPEEDOMETER DRIVE GEAR AND SPACER

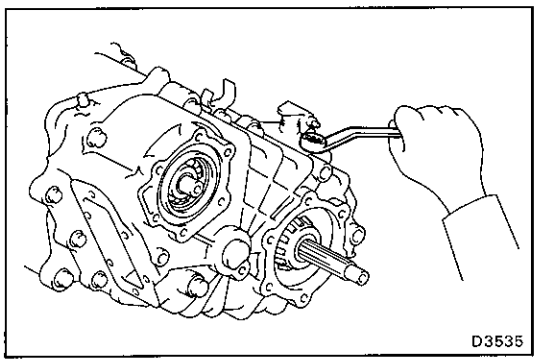


10. REMOVE IDLER GEAR SHAFT LOCK PLATE



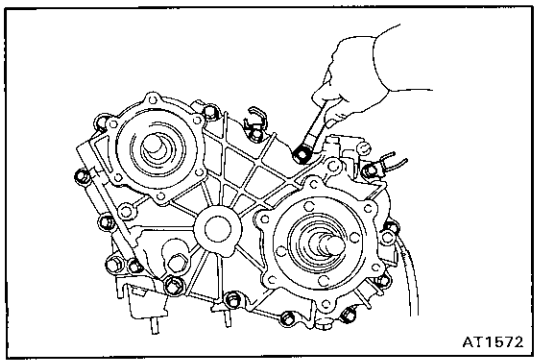
11. REMOVE SHIFT PLUGS, SPRINGS AND LOCKING BALLS
[Direct Shift Type]

Remove the shift plugs and, using a magnetic finger, remove the springs and locking balls.



[Vacuum Shift Type]

Remove the shift plug, and using a magnetic finger, remove the spring and locking ball.

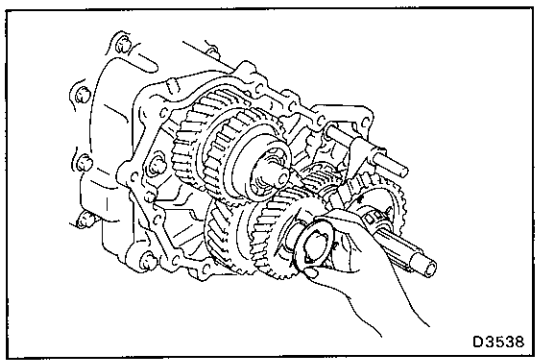


12. REMOVE TRANSFER REAR CASE

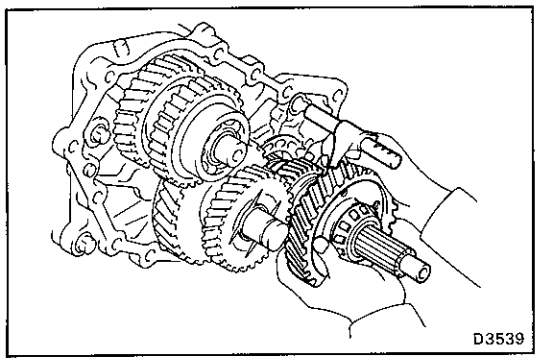
(a) Remove the fourteen bolts.

(b) Using a plastic hammer, remove the transfer rear case.

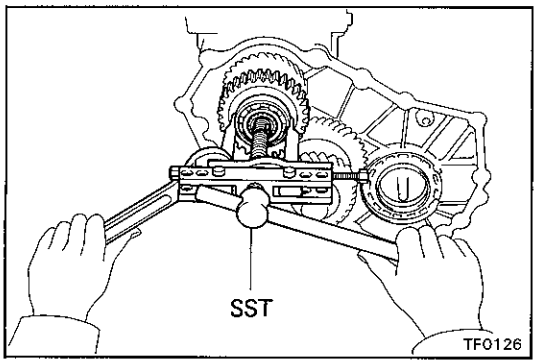
(c) Remove the gasket from the transfer rear case.



(d) Remove the thrust washer from the idler gear shaft.



13. REMOVE REAR OUTPUT SHAFT ASSEMBLY WITH HIGH AND LOW SHIFT FORK SHAFT ASSEMBLY

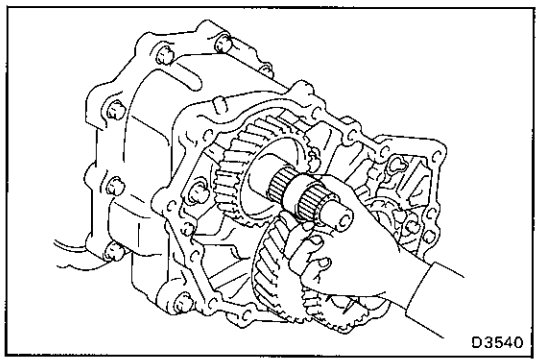


14. REMOVE POWER TAKE-OFF DRIVE GEAR

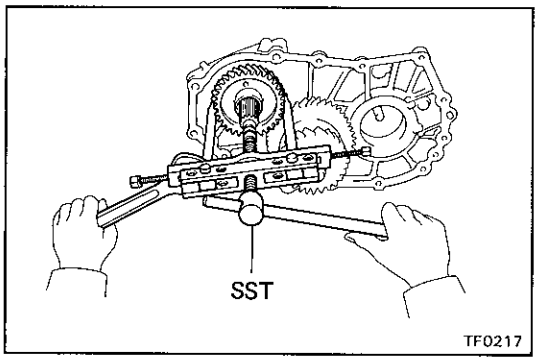
(a) Using SST, remove the transfer input gear bearing.

SST 09950-20017

(b) Remove the power take-off drive gear.



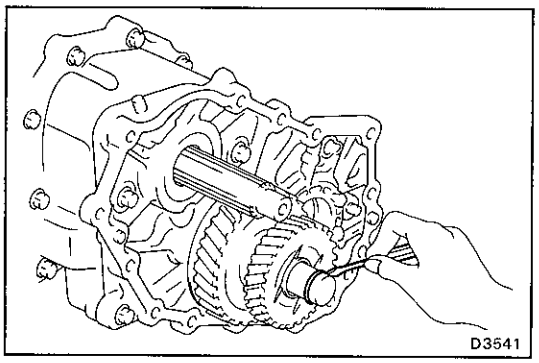
(c) Remove the spacer.



15. REMOVE TRANSFER INPUT GEAR

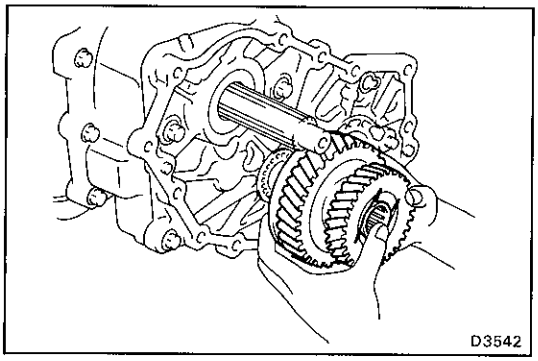
Using SST, remove the transfer input gear.

SST 09950-20017

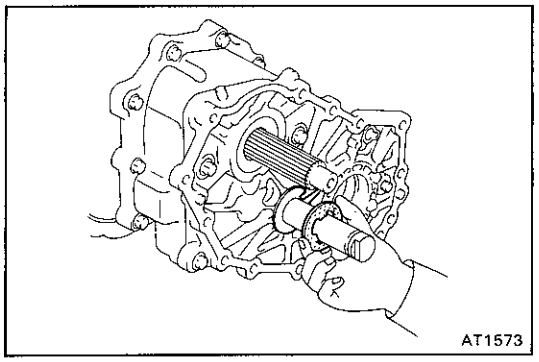


16. REMOVE IDLER GEAR AND IDLER GEAR SHAFT

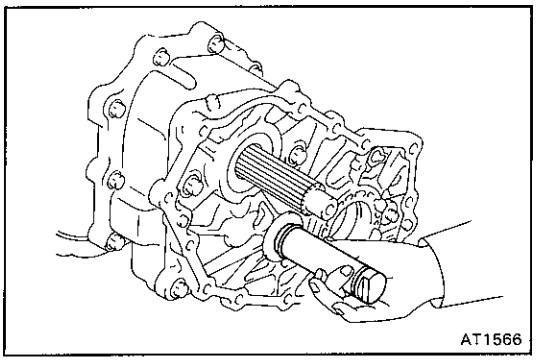
(a) Remove the O-ring from the idler gear shaft.



(b) Remove the idler gear with the two bearings and spacer.

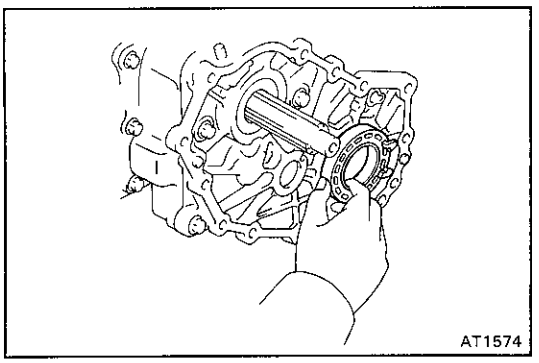


(c) Remove the thrust washer from idler gear shaft.

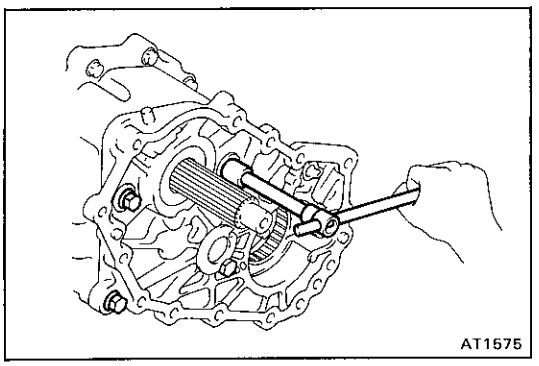


(d) Remove the idler gear shaft.

(e) Remove the O-ring from the idler gear shaft.



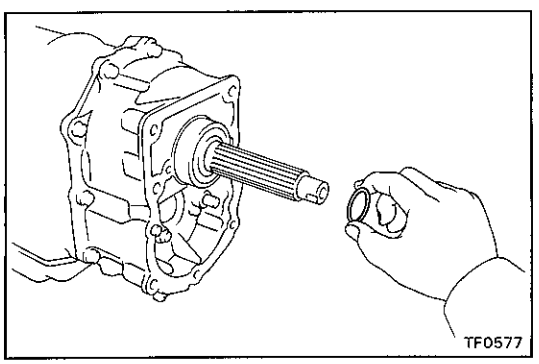
17. REMOVE REAR OUTPUT SHAFT FRONT BEARING RETAINER



18. REMOVE TRANSFER FRONT CASE

(a) Remove the four bolts and using a plastic hammer, remove the transfer front case.

(b) Remove the gasket.



19. REMOVE O-RING FROM TRANSMISSION OUTPUT SHAFT