CAUTION / NOTICE / HINT

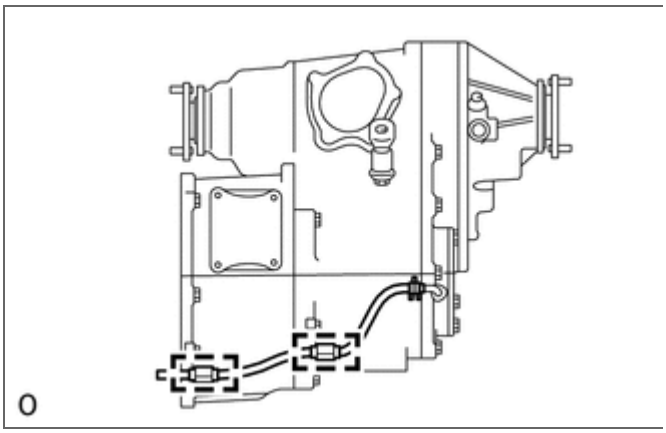
PROCEDURE

1.DRAIN TRANSFER OIL

Click hereDrivetrain>HF1A (TRANSFER / 4WD / AWD)>TRANSFER OIL>REPLACEMENT

2.REMOVE REAR NO. 1 TRANSFER CASE HOSE 36112B

a.



Disconnect the rear No. 1 transfer case hose from the 2 clamps.

b. Slide the clip to remove the rear No. 1 transfer case hose.

3.REMOVE SPEEDOMETER DRIVEN HOLE COVER SUB-ASSEMBLY (w/ ABS) 33403D

a. Remove the bolt and speedometer driven hole cover sub-assembly.

b. Remove the O-ring from the speedometer driven hole cover sub-assembly.

4.REMOVE SPEEDOMETER DRIVEN GEAR SUB-ASSEMBLY (w/o ABS)

a. Remove the bolt and speedometer driven gear sub-assembly.

5.REMOVE TRANSFER HEAT INSULATOR (w/ ABS) 36336

Click hereDrivetrain>HF1A (TRANSFER / 4WD / AWD)>TRANSFER INDICATOR SWITCH>REMOVAL

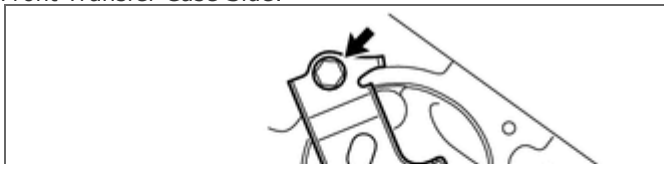
6.REMOVE NO .1 TRANSFER INDICATOR SWITCH (4WD Position) 84222

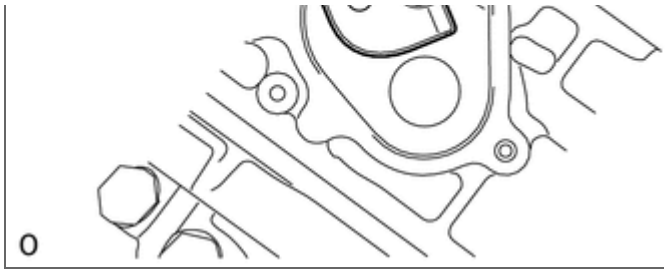
Click hereDrivetrain>HF1A (TRANSFER / 4WD / AWD)>TRANSFER INDICATOR SWITCH>REMOVAL

7.REMOVE SHIFT DETENT BALL SPRING PLUG 36275

a. for Front Transfer Case Side:

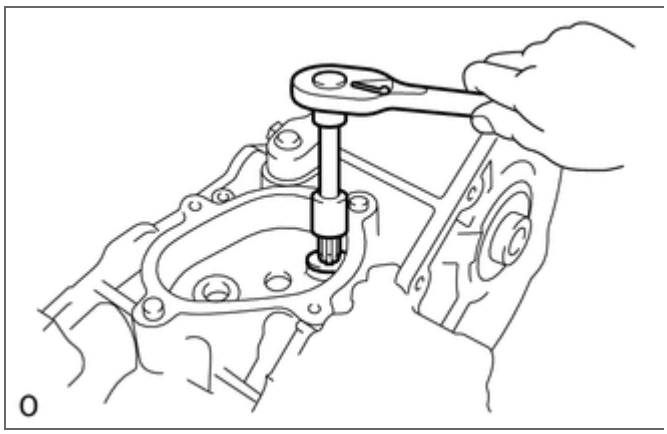
i.





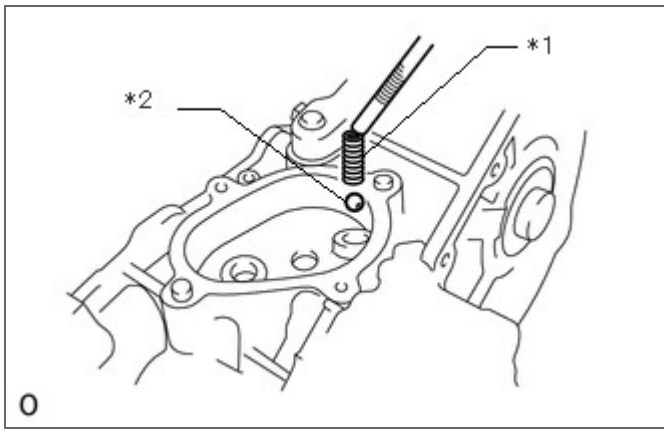
Remove the bolt and bracket from the front transfer case.

ii.



Using a T40 "TORX" socket wrench, remove the shift detent ball spring plug.

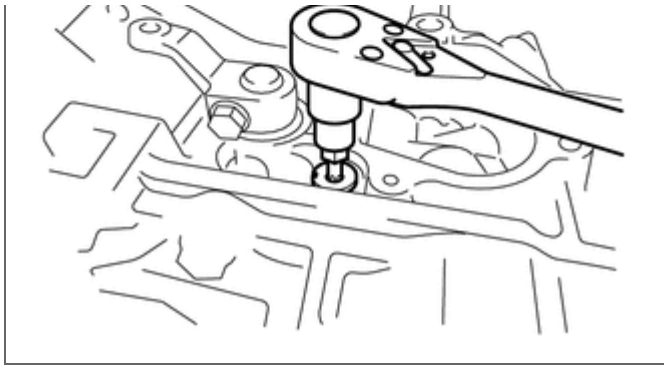
iii.



*1	Shift Detent Ball Compression Spring
*2	Shift Detent Ball

Using a magnet hand, remove the shift detent ball compression spring and shift detent ball.

iv.



Using a T40 "TORX" socket wrench, remove the 2 shift detent ball spring plugs.

b. for Front Transfer Extension Housing Side:
Click hereDrivetrain>HF1A (TRANSFER / 4WD / AWD)>TRANSFER CASE FRONT OIL SEAL>REPLACEMENT

8.REMOVE TRANSFER OUTPUT SHAFT COMPANION FLANGE SUB-ASSEMBLY **33309**

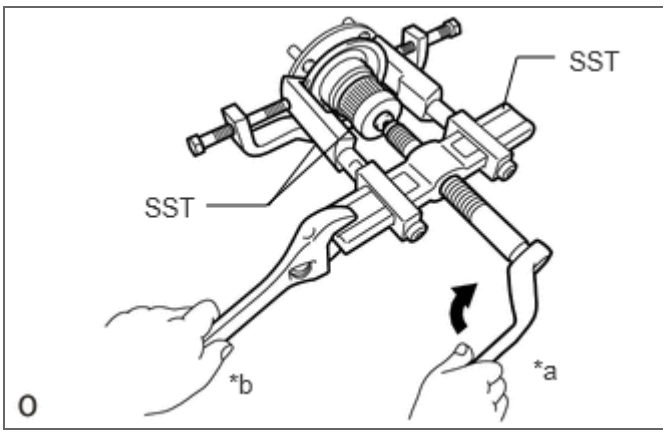
Click hereDrivetrain>HF1A (TRANSFER / 4WD / AWD)>TRANSFER CASE REAR OIL SEAL>REPLACEMENT

9.REMOVE TRANSFER SPEEDOMETER DRIVE GEAR **33481P**

a. Remove the transfer speedometer drive gear from the transfer output shaft companion flange sub-assembly.

10.REMOVE DUST DEFLECTOR **33309A**

a.



*a	Turn
*b	Hold

Using SST, remove the dust deflector from the transfer output shaft companion flange sub-assembly.
SST
09950-40011 (09951-04020, 09952-04010, 09953-04020, 09954-04010, 09955-04031, 09957-04010, 09958-04011)
09950-60010 (09951-00420)

11.REMOVE FRONT TRANSFER EXTENSION HOUSING SUB-ASSEMBLY **36105**

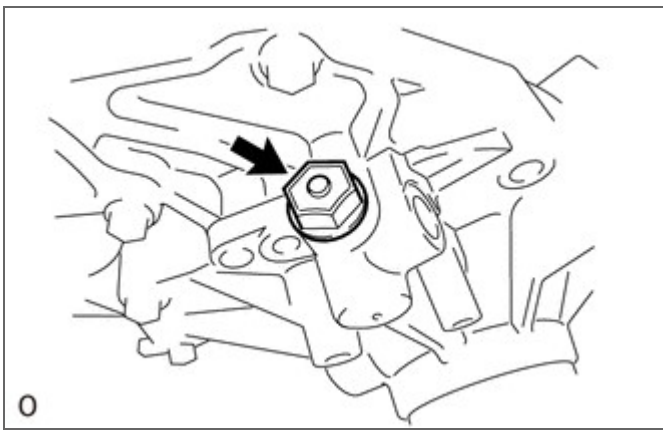
Click hereDrivetrain>HF1A (TRANSFER / 4WD / AWD)>TRANSFER CASE FRONT OIL SEAL>REPLACEMENT

12.REMOVE NO .1 TRANSFER INDICATOR SWITCH (L4 POSITION) (w/ ABS) **84222**

Click hereDrivetrain>HF1A (TRANSFER / 4WD / AWD)>TRANSFER INDICATOR SWITCH>REMOVAL

13.REMOVE TRANSFER CASE PLUG **36111F**

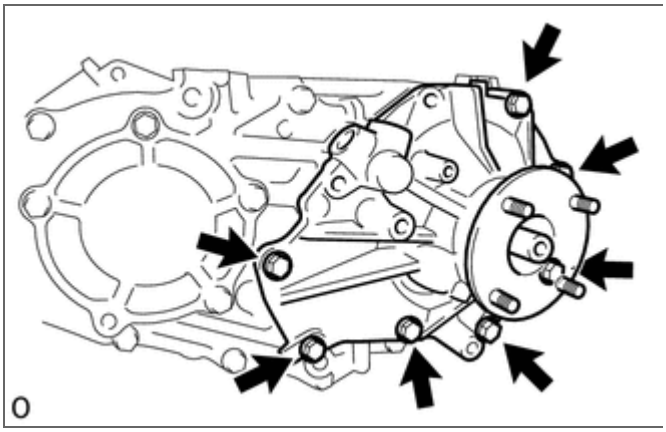
a.



Remove the transfer case plug and gasket from the rear transfer extension housing sub-assembly.

14.REMOVE REAR TRANSFER EXTENSION HOUSING SUB-ASSEMBLY **36109B**

a.



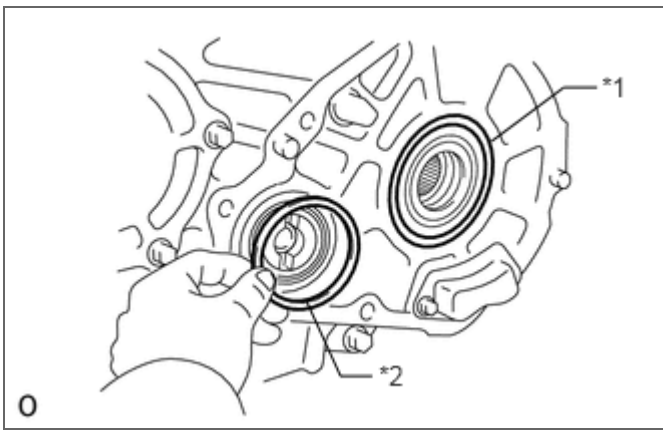
w/ ABS:

i. Remove the 7 bolts and rear transfer extension housing sub-assembly.
If necessary, tap the rear transfer extension housing sub-assembly with a plastic-faced hammer.

b. w/o ABS:

i. Remove the 9 bolts and rear transfer extension housing sub-assembly.
If necessary, tap the rear transfer extension housing sub-assembly with a plastic-faced hammer.

c.

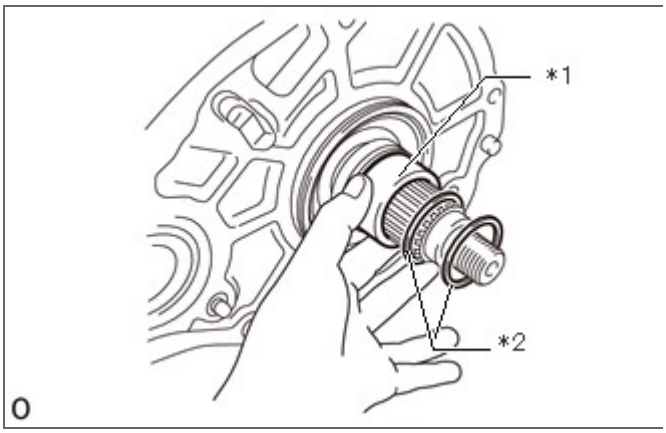


*1	Transfer Output Rear Case Plate Washer
*2	Transfer Idler Gear Plate Washer

Remove the transfer output rear case plate washer and transfer idler gear plate washer.

15.REMOVE NO. 1 TRANSFER OUTPUT SHAFT SPACER **36255**

a.

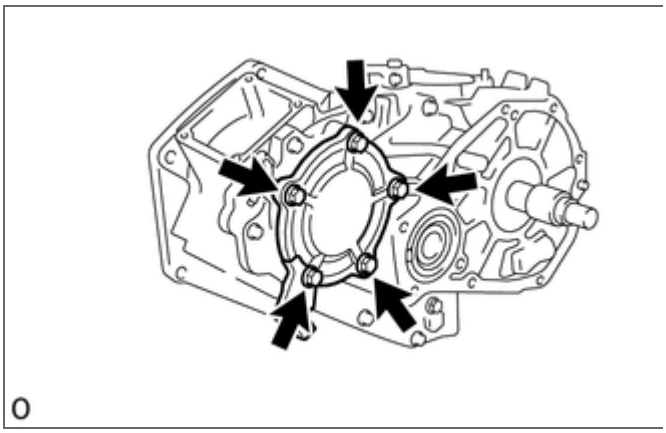


*1	No. 1 Transfer Output Shaft Spacer
*2	Transfer Output Rear Shaft Plate Washer

Remove the No. 1 transfer output shaft spacer with 2 transfer output rear shaft plate washers.

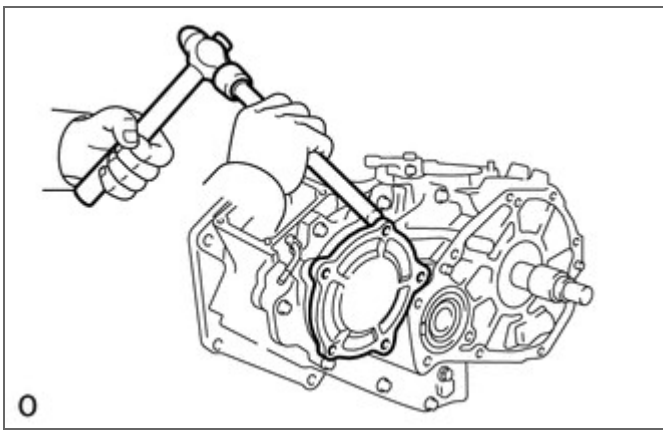
16.REMOVE NO. 2 TRANSFER CASE COVER **36122**

a.



Remove the 5 bolts and bracket.

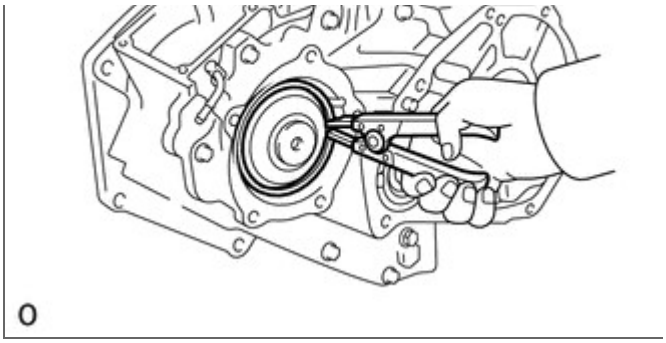
b.



Using a brass bar and hammer, remove the No. 2 transfer case cover.

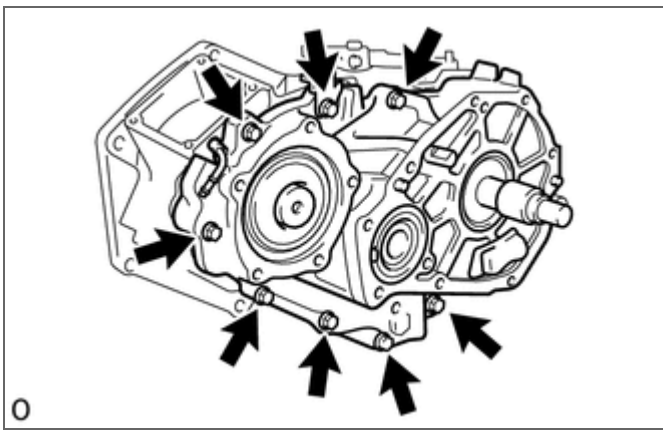
17.REMOVE REAR TRANSFER CASE **36112**

a.



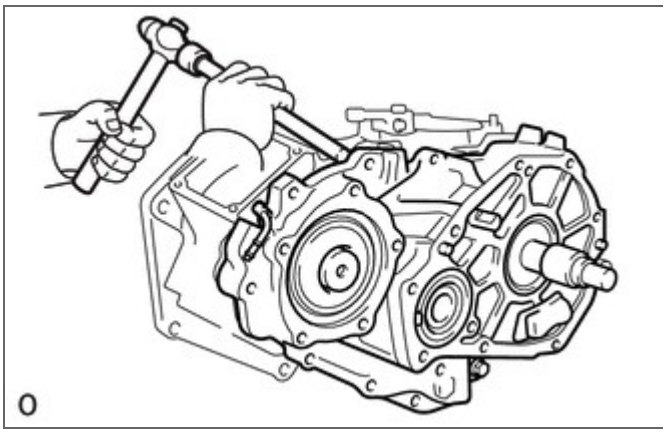
Using a snap ring expander, remove the transfer input gear shaft snap ring.

b.



Remove the 8 bolts and bracket.

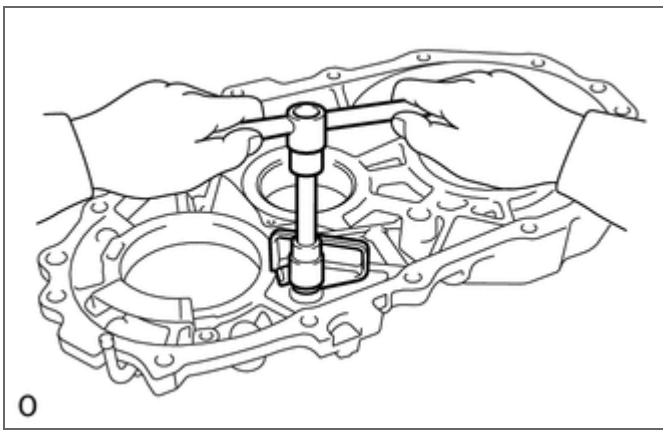
c.



Using a brass bar and hammer, remove the rear transfer case.

18.REMOVE REAR TRANSFER CASE OIL RECEIVER PIPE **33124B**

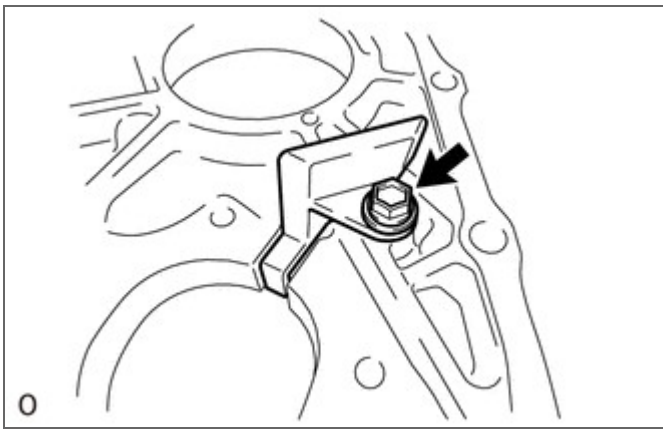
a.



Remove the bolt and rear transfer case oil receiver pipe from the rear transfer case.

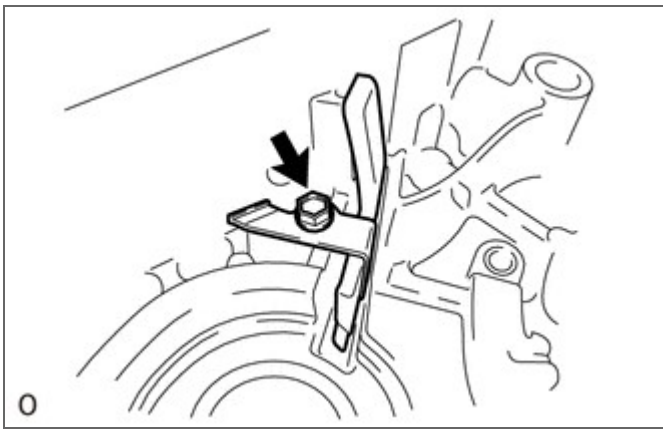
19.REMOVE TRANSFER OIL RECEIVER PIPE **33124E**

a.



for Rear Transfer Case Side:
Remove the bolt and transfer oil receiver pipe.

b.

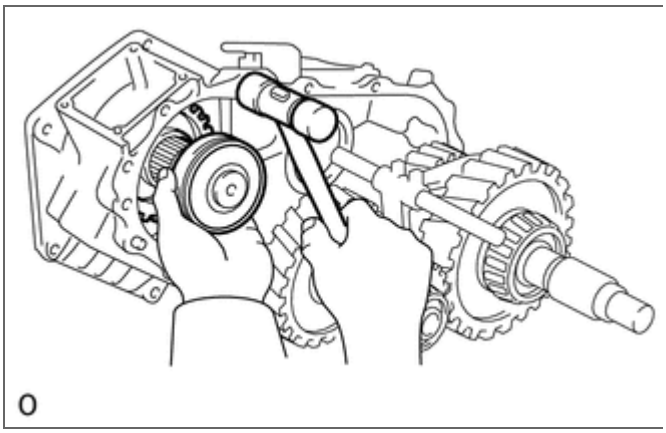


for Front Transfer Case Side:
Remove the bolt and transfer oil receiver pipe.

c. for Front Transfer Extension Housing Side:
Click hereDrivetrain>HF1A (TRANSFER / 4WD / AWD)>TRANSFER CASE FRONT OIL SEAL>REPLACEMENT

20.REMOVE INPUT SHAFT ASSEMBLY

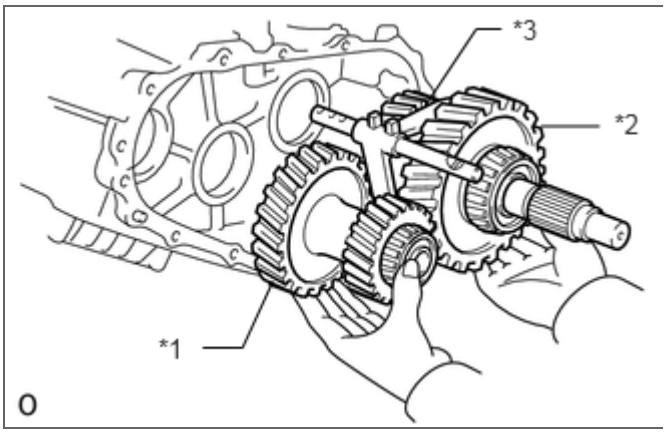
a.



Using a plastic-faced hammer, tap the front transfer case and remove the input shaft assembly.

21.REMOVE OUTPUT SHAFT ASSEMBLY

a.

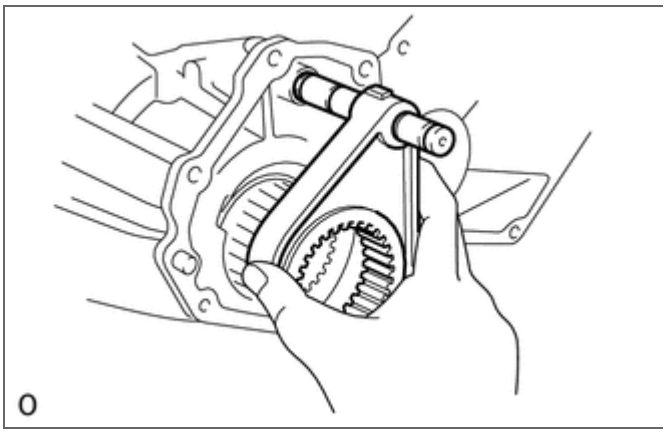


*1	Idler Gear Assembly
*2	Output Shaft Assembly
*3	No. 1 Transfer Gear Shift Fork and Transfer High and Low Shift Fork Shaft

Remove the idler gear assembly and output shaft assembly together with the No. 1 transfer gear shift fork and transfer high and low shift fork shaft.

22.REMOVE FRONT DRIVE CLUTCH SLEEVE **36236**

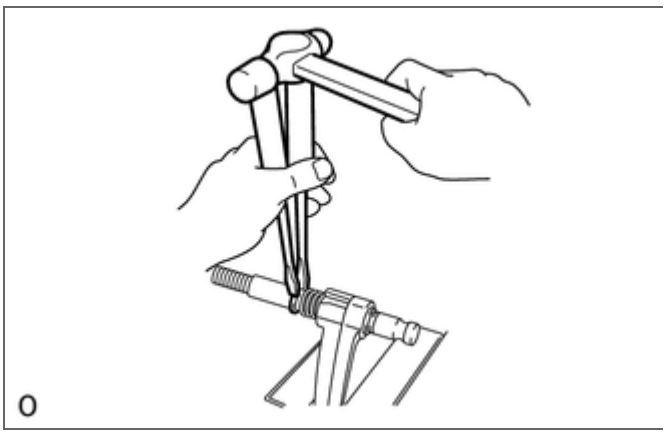
a.



Remove the front drive clutch sleeve with the No. 2 transfer gear shift fork and transfer front drive shift fork shaft.

23.REMOVE NO. 2 TRANSFER GEAR SHIFT FORK **36312F**

a.

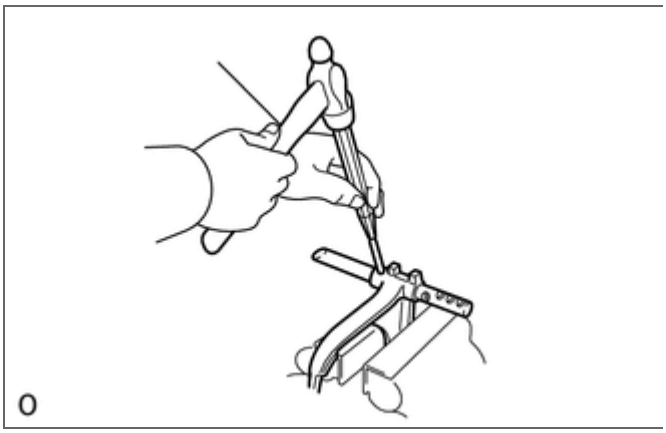


Using 2 screwdrivers and a hammer, tap out the 2 transfer gear shift fork shaft snap rings.

b. Remove the No. 2 transfer gear shift fork and shift detent ball compression spring from the transfer front drive shift fork shaft.

24.REMOVE NO. 1 TRANSFER GEAR SHIFT FORK **36311F**

a.

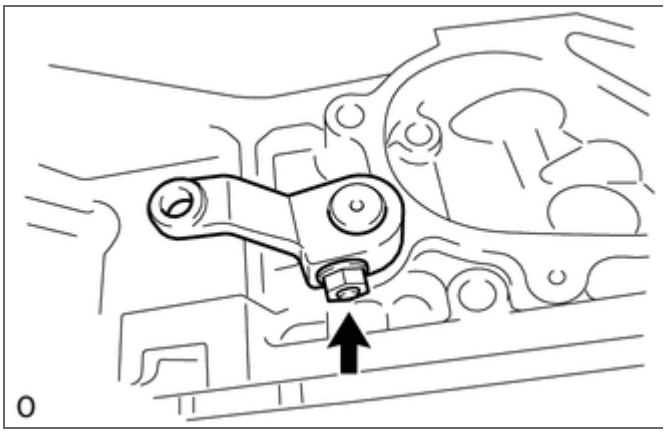


Using a pin punch and hammer, tap out the transfer shift fork slotted spring pin.

b. Remove the No. 1 transfer gear shift fork from the transfer high and low shift fork shaft.

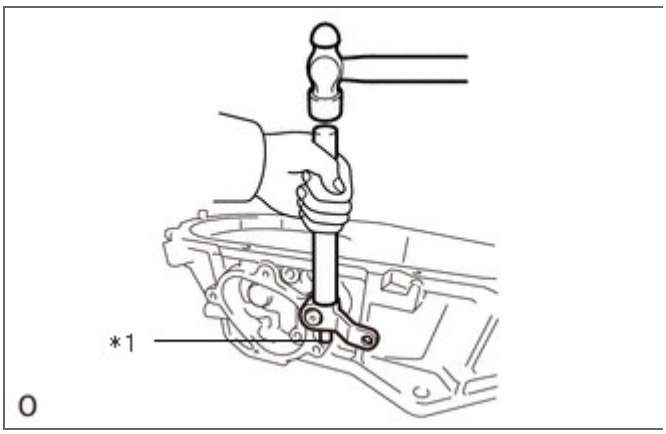
25.REMOVE TRANSFER SHIFT OUTER LEVER **36362A**

a.



Remove the nut and washer from the transfer shift outer lever.

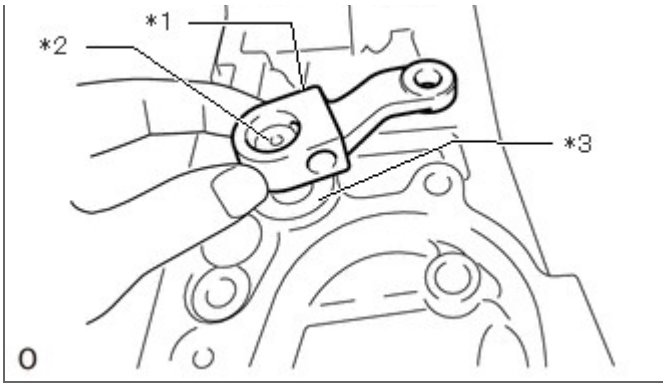
b.



*1	Lever Lock Pin

Using a brass bar and hammer, tap out the lever lock pin.

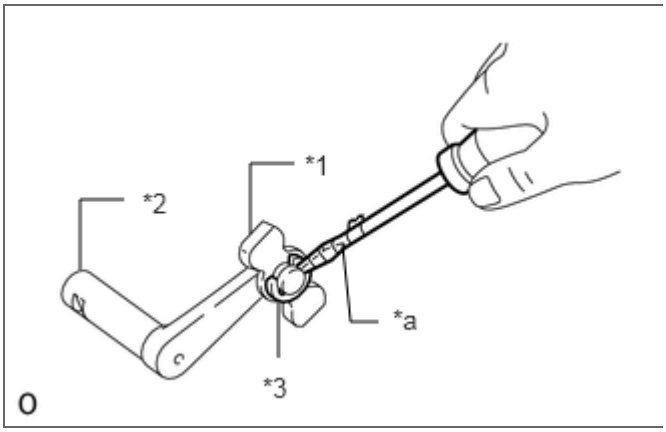
c.



*1	Transfer Shift Outer Lever
*2	Transfer Shift Inner Lever Shaft
*3	Washer

Remove the transfer shift outer lever, washer and transfer shift inner lever shaft.

d.



*1	Transfer Shift Lever Inner
*2	Transfer Shift Inner Lever Shaft
*3	E-Ring
*a	Protective Tape

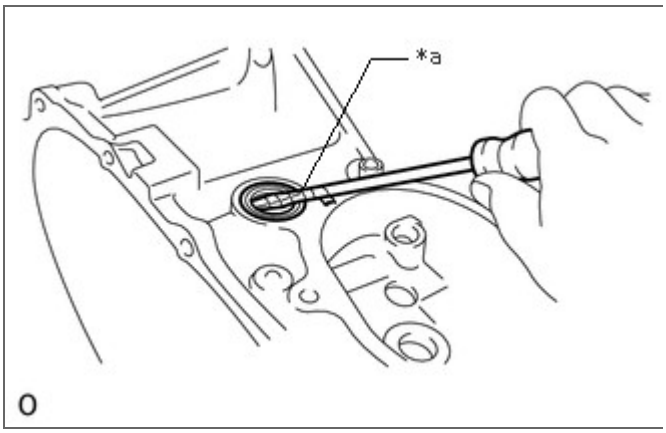
Using a screwdriver, remove the E-ring and transfer shift lever inner from the transfer shift inner lever shaft.

HINT:

Tape the screwdriver tip before use.

26.REMOVE TRANSFER CASE OIL SEAL **36111B**

a.

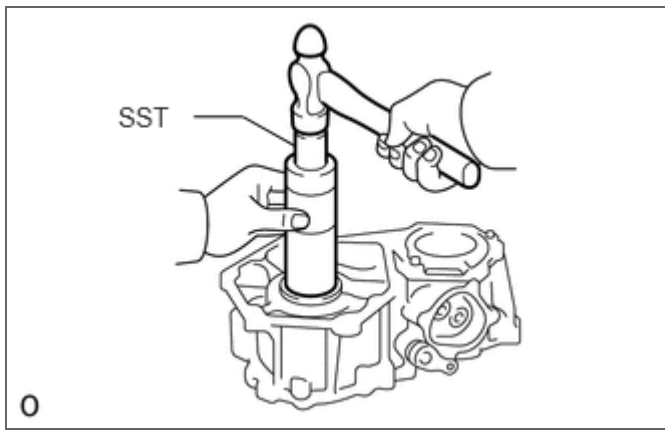


*a	Protective Tape

for Transfer Shift Inner Lever Shaft Side:
Using a screwdriver, remove the transfer case oil seal.

HINT:
Tape the screwdriver tip before use.

b.

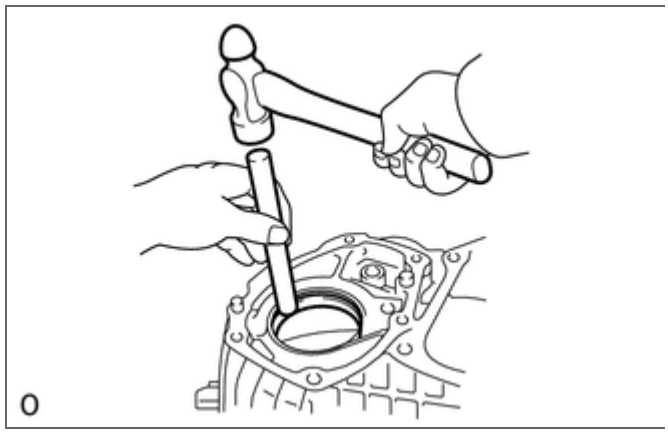


for Input Shaft Side:
Using SST and a hammer, remove the transfer case oil seal.

SST
09316-60011 (09316-00011)

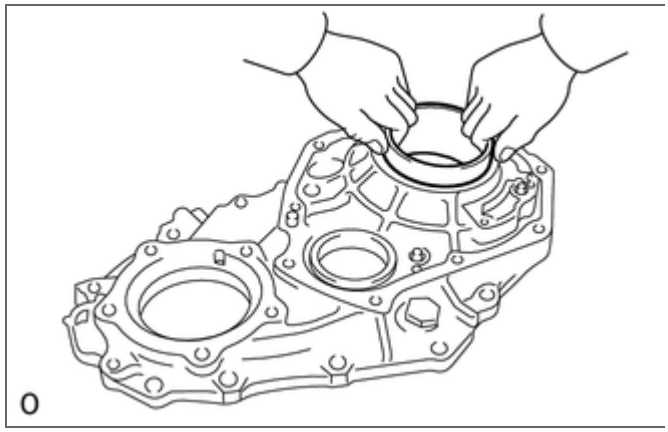
27.REMOVE TRANSFER OUTPUT SHAFT TAPER ROLLER BEARING **36231C**

a.



for Front Transfer Case Side:
Using a brass bar and hammer, remove the transfer output shaft taper roller bearing (outer race) from the front transfer case.

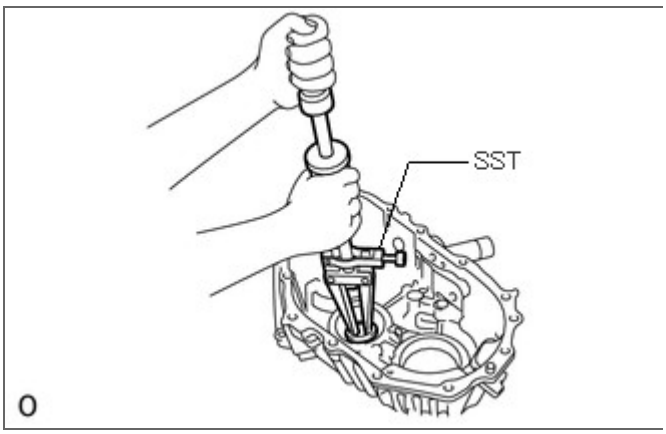
b.



for Rear Transfer Case Side:
Remove the transfer output shaft taper roller bearing (outer race) from the rear transfer case.

28.REMOVE TRANSFER ILDER GEAR BEARING (for Front Side) **36221G**

a.

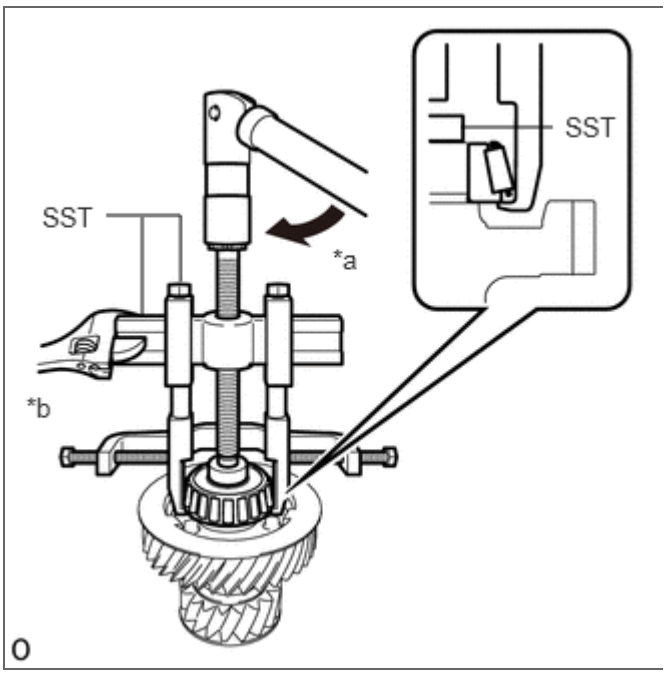


Using SST, remove the transfer idler gear bearing (outer race) from the front transfer case.

SST

09308-00010

b.



*a	Turn
*b	Hold

Using SST and a press, remove the transfer idler gear bearing (inner race) from the idler gear assembly.

SST

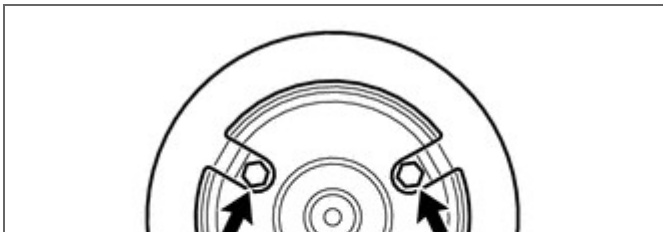
09950-40011 (09951-04010, 09952-04010, 09953-04020, 09954-04010, 09955-04061, 09957-04010, 09958-04011)

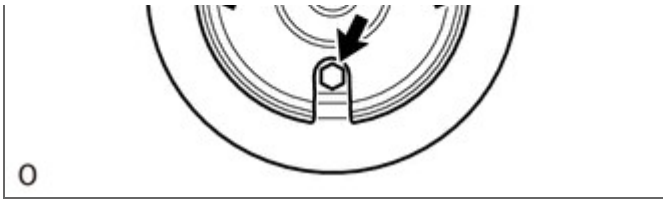
09950-60010 (09951-00320)

HINT:

Support the idler gear assembly by hand to prevent it from dropping.

c.



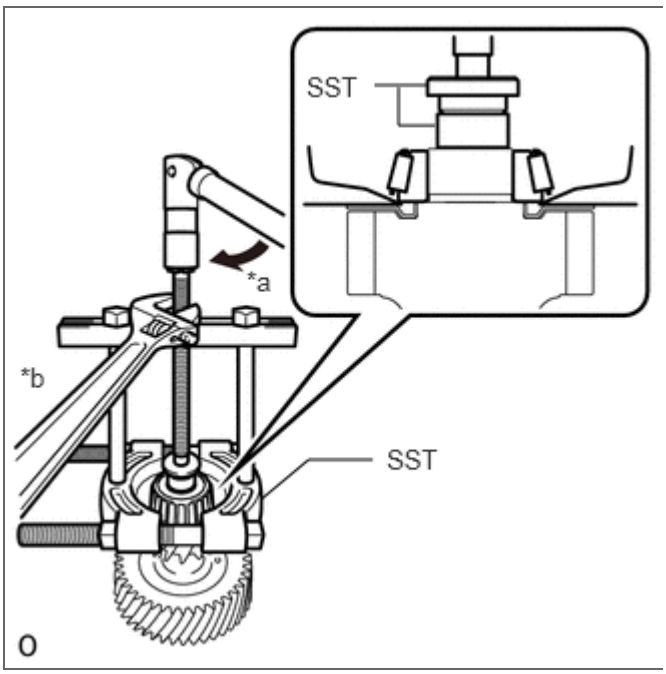


Remove the 3 bolts and transfer idler gear transfer oil receiver.

29.REMOVE TRANSFER ILDER GEAR BEARING (for Rear Side) 36221H

a. Remove the transfer idler gear bearing (outer race) from the rear transfer case.

b.



*a	Turn
*b	Hold

Using SST and a press, remove the transfer idler gear bearing (inner race) from the idler gear assembly.

SST

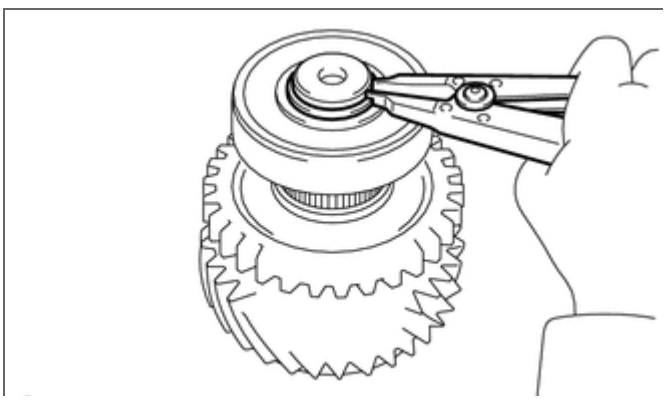
09950-00020
09950-00030
09950-60010 (09951-00300)

HINT:

Support the idler gear assembly by hand to prevent it from dropping.

30.REMOVE TRANSFER INPUT GEAR RADIAL BALL BEARING 36212A

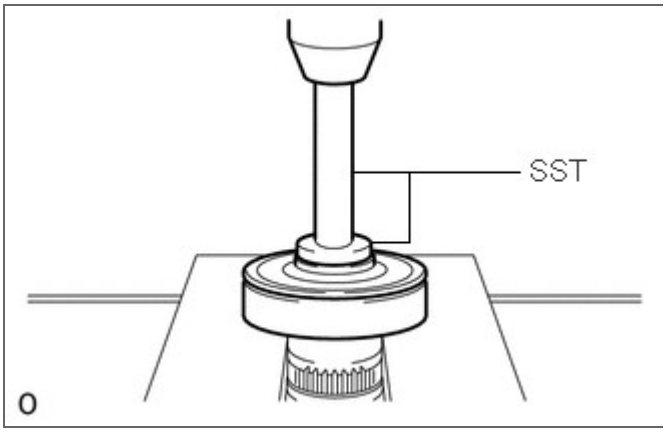
a.



O

Using a snap ring expander, remove the transfer input bearing shaft snap ring.

b.



Using SST and a press, remove the transfer input gear radial ball bearing.

SST

09950-60010 (09951-00320)
09950-70010 (09951-07100)

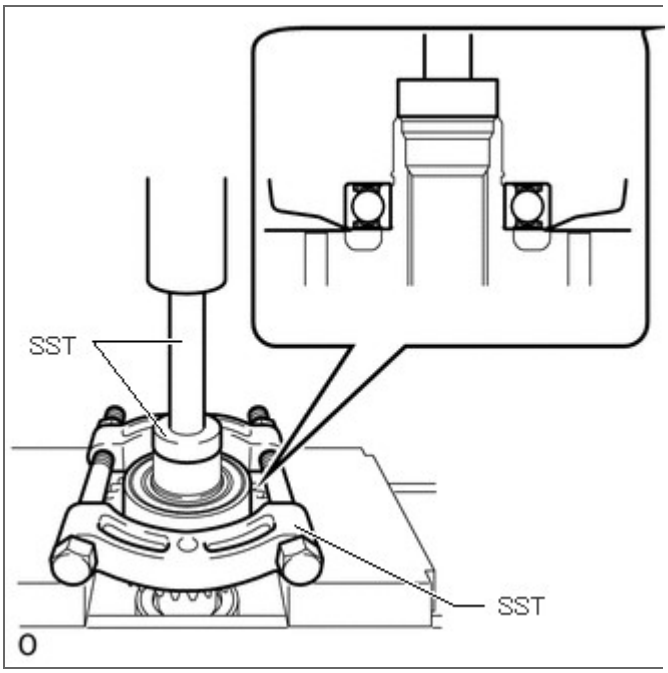
HINT:

Support the output shaft assembly by hand to prevent it from dropping.

31.REMOVE FRONT TRANSFER INPUT SHAFT RADIAL BALL BEARING **36212F**

a. Using a snap ring expander, remove the shaft snap ring.

b.



Using SST and a press, remove the front transfer input shaft radial ball bearing.

SST

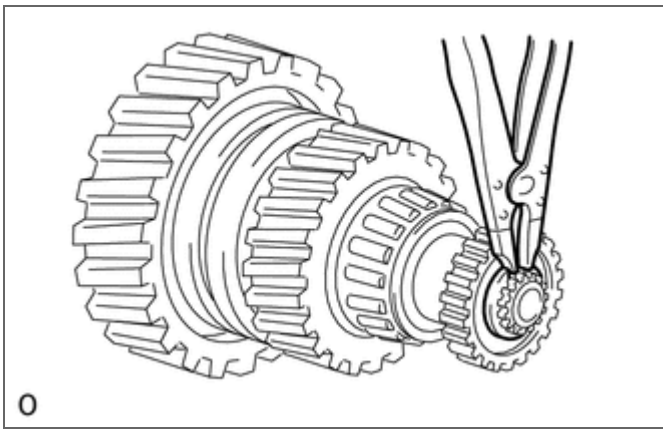
09950-00020
09950-60010 (09951-00480)
09950-70010 (09951-07100)

HINT:

Support the input shaft assembly by hand to prevent it from dropping.

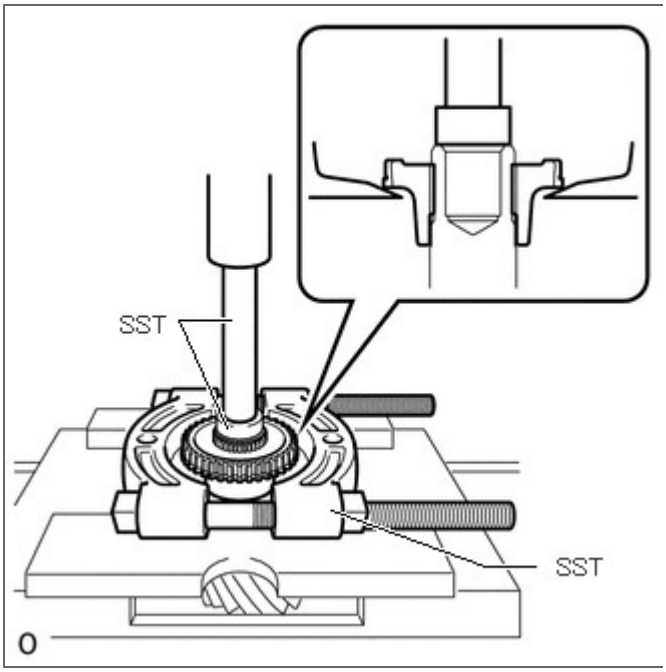
32.REMOVE FRONT TRANSFER DRIVE GEAR PIECE **36245**

a.



Using a snap ring expander, remove the transfer output shaft shaft snap ring.

b.



Using SST and a press, remove the front transfer drive gear piece from the output shaft assembly.

SST

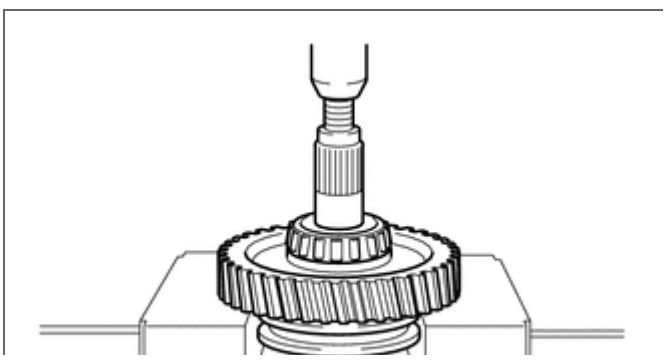
09527-20011
09950-60010 (09951-00300)
09950-70010 (09951-07100)

HINT:

Support the output shaft assembly by hand to prevent it from dropping.

33.REMOVE TRANSFER LOW GEAR **36242**

a.



Using a press, remove the transfer low gear and transfer output shaft taper roller bearing (inner race) from the output shaft assembly.

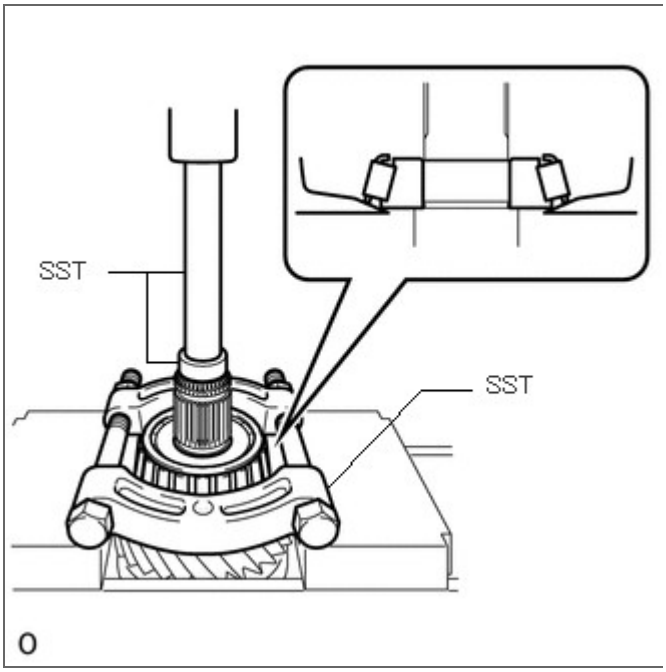
HINT:

Support the output shaft assembly by hand to prevent it from dropping.

b. Remove the transfer output shaft front needle roller bearing from the output shaft assembly.

34.REMOVE TRANSFER HIGH SPEED OUTPUT GEAR SUB-ASSEMBLY **36203**

a.



Using SST and a press, remove the transfer output shaft taper roller bearing (inner race) from the output shaft assembly.

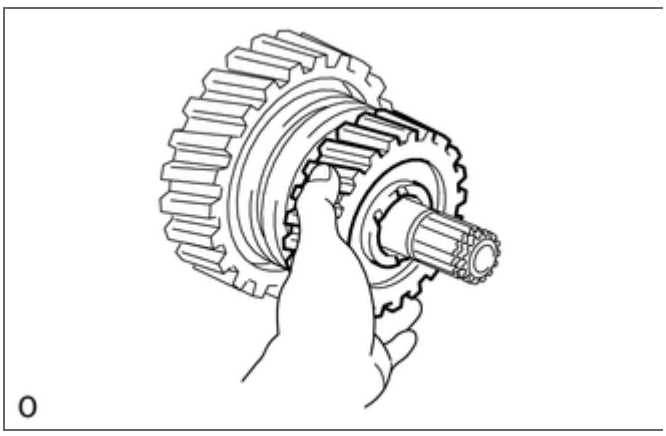
SST

09950-00020
09950-60010 (09951-00300)
09950-70010 (09951-07100)

HINT:

Support the output shaft assembly by hand to prevent it from dropping.

b.

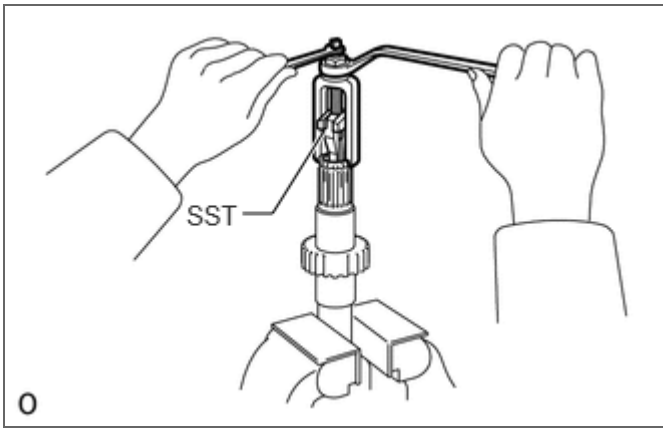


Remove the transfer high speed output gear sub-assembly from the output shaft assembly.

c. Remove the 2 pieces of the front transfer output shaft needle roller bearing and No. 1 transfer output shaft spacer.

35.REMOVE FRONT TRANSFER OUTPUT SHAFT NEEDLE ROLLER BEARING 36231E

a.



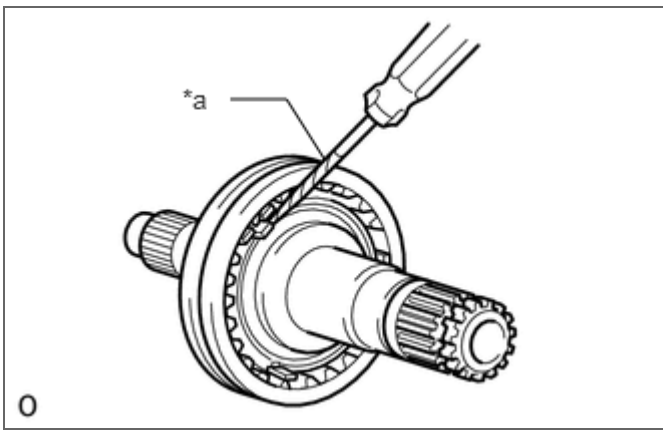
Using SST, remove the front transfer output shaft needle roller bearing.

SST
09319-60020

36.REMOVE TRANSFER SYNCHRONIZER RING 36247

37.REMOVE TRANSFER HIGH AND LOW CLUTCH SLEEVE 36235

a.



*a	Protective Tape

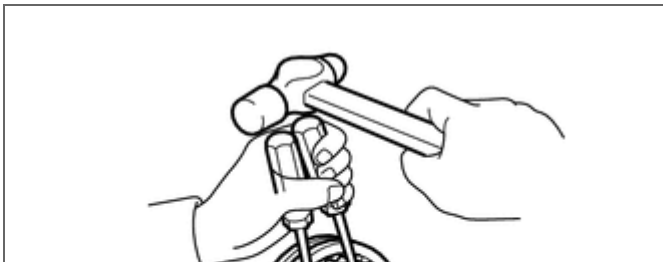
Using a screwdriver, remove the 2 transfer synchromesh shifting key springs.

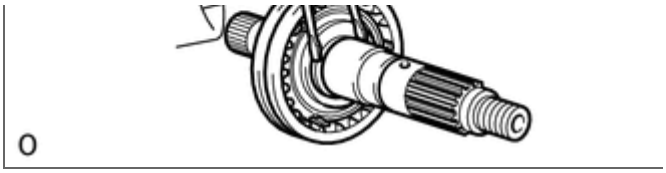
HINT:
Tape the screwdriver tip before use.

b. Remove the transfer high and low clutch sleeve and the 3 No. 2 synchromesh shifting keys.

38.REMOVE TRANSFER CLUTCH HUB 36237

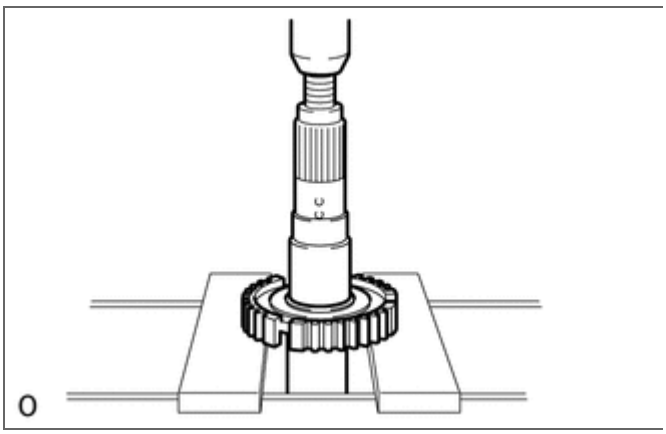
a.





Using 2 screwdrivers and a hammer, remove the transfer clutch hub shaft snap ring.

b.



Using a press, remove the transfer clutch hub.

39.REMOVE TRANSFER DRIVE CLUTCH HUB **36239**

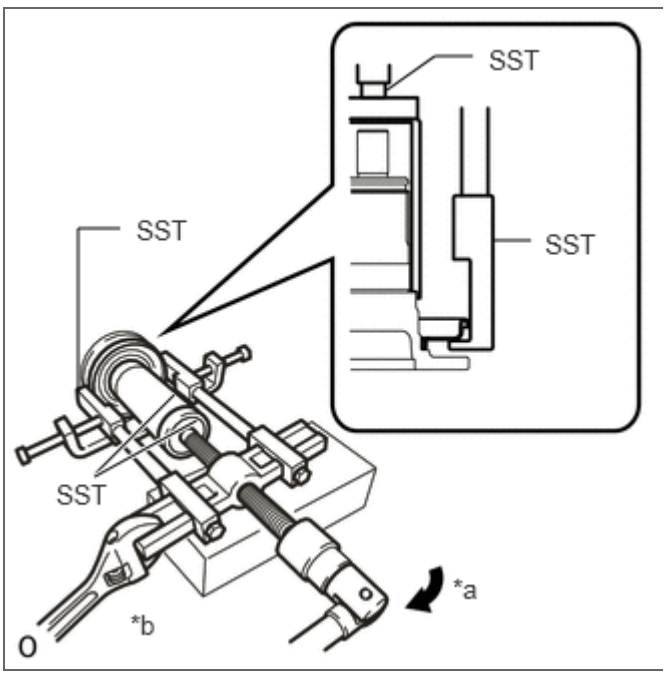
Click hereDrivetrain>HF1A (TRANSFER / 4WD / AWD)>TRANSFER CASE FRONT OIL SEAL>REPLACEMENT

40.REMOVE FRONT TRANSFER OUTPUT SHAFT **36209A**

Click hereDrivetrain>HF1A (TRANSFER / 4WD / AWD)>TRANSFER CASE FRONT OIL SEAL>REPLACEMENT

41.REMOVE TRANSFER OUTPUT SHAFT DUST DEFLECTOR **36104B**

a.



*a	Turn
*b	Hold

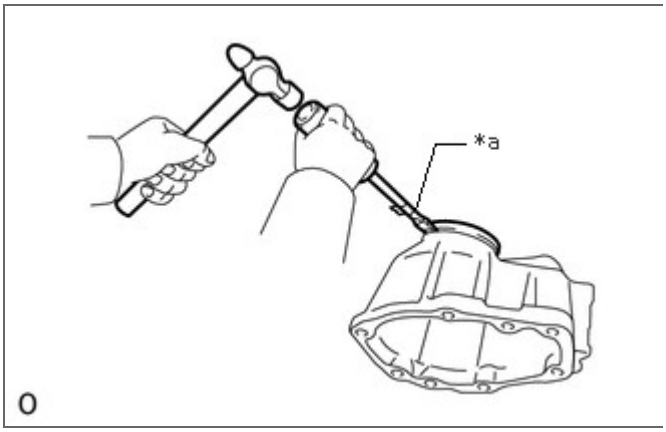
Using SST, remove the transfer output shaft dust deflector.

SST

09309-60010
09950-40011 (09951-04020, 09952-04010, 09953-04020, 09954-04010, 09955-04031, 09957-04010, 09958-04011)
09950-60010 (09951-00500)

42.REMOVE FRONT TRANSFER EXTENSION HOUSING DUST DEFLECTOR **33325B**

a.



*a	Protective Tape

Using a screwdriver and hammer, remove the front transfer extension housing dust deflector.

HINT:
Tape the screwdriver tip before use.

43.REMOVE FRONT TRANSFER EXTENSION HOUSING OIL SEAL **36105A**

Click hereDrivetrain>HF1A (TRANSFER / 4WD / AWD)>TRANSFER CASE FRONT OIL SEAL>REPLACEMENT

44.REMOVE FRONT TRANSFER OUTPUT SHAFT RADIAL BALL BEARING **36231H**

Click hereDrivetrain>HF1A (TRANSFER / 4WD / AWD)>TRANSFER CASE FRONT OIL SEAL>REPLACEMENT

45.REMOVE REAR TRANSFER EXTENSION HOUSING OIL SEAL **36109C**

Click hereDrivetrain>HF1A (TRANSFER / 4WD / AWD)>TRANSFER CASE REAR OIL SEAL>REPLACEMENT

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