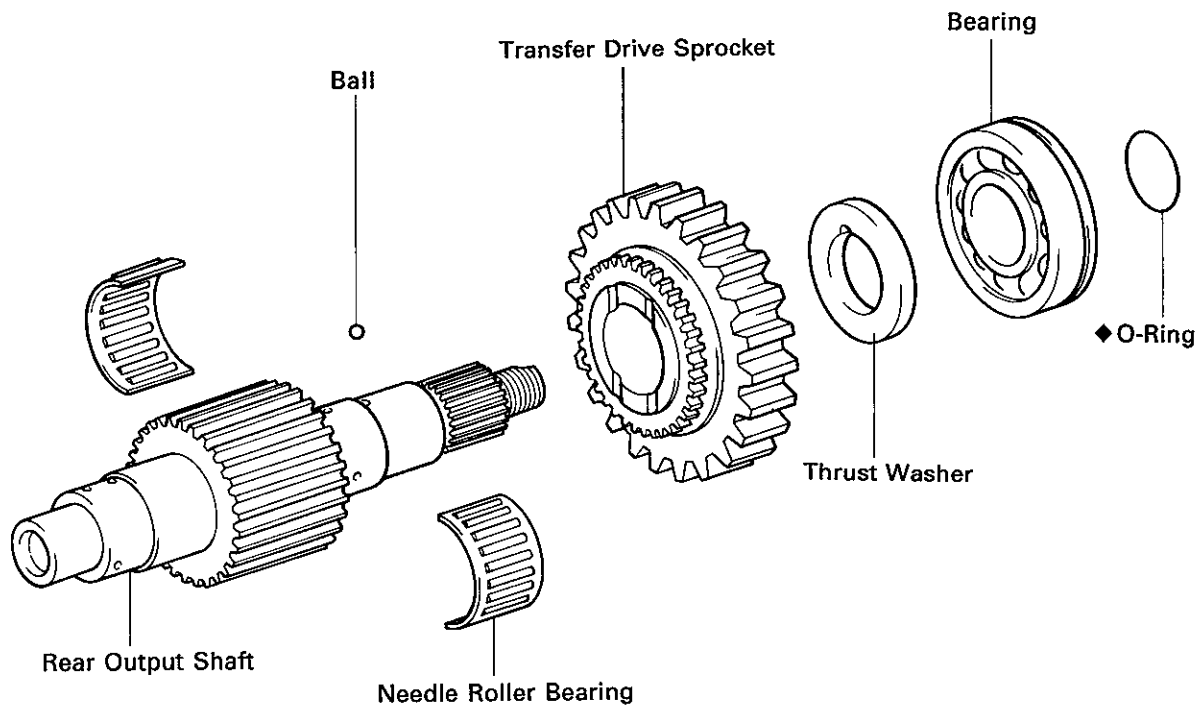


Rear Output Assembly COMPONENTS



◆ Non-reusable part

TF0446

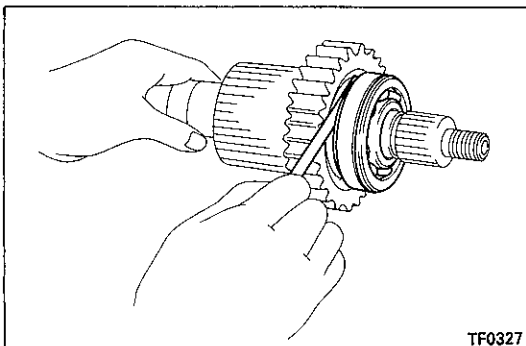
DISASSEMBLY OF REAR OUTPUT ASSEMBLY

1. MEASURE DRIVE SPROCKET THRUST CLEARANCE

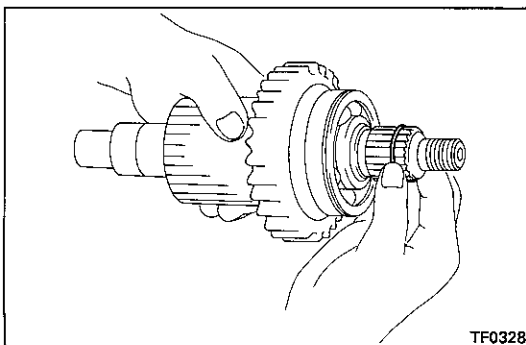
Using a feeler gauge, measure the drive sprocket thrust clearance.

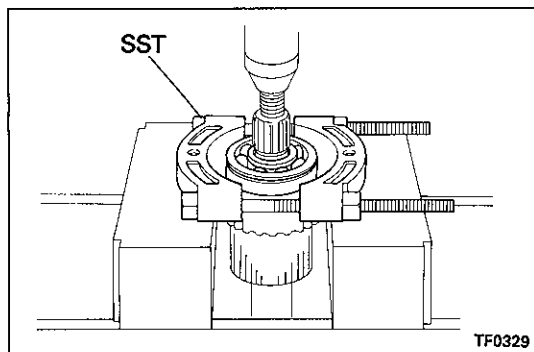
Standard clearance: 0.10 – 0.25 mm
(0.0039 – 0.0098 in.)

Maximum clearance: 0.40 mm (0.0157 in.)



2. REMOVE O-RING

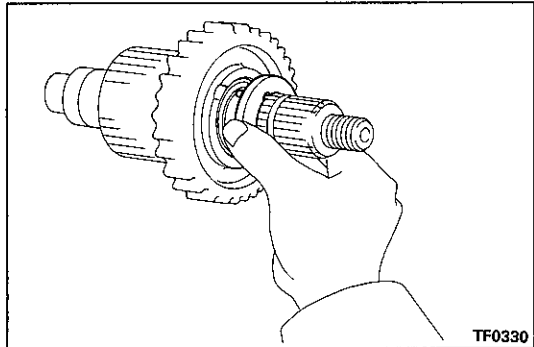




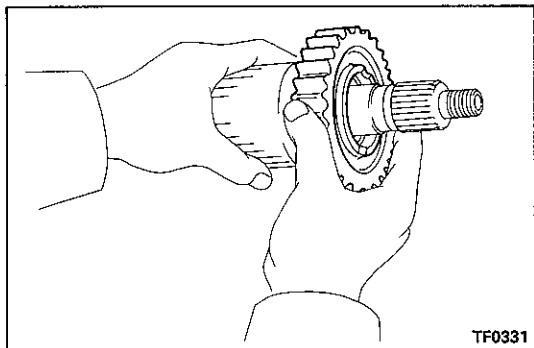
3. REMOVE REAR OUTPUT SHAFT BEARING

Using SST and a press, remove the bearing.

SST 09950-00020

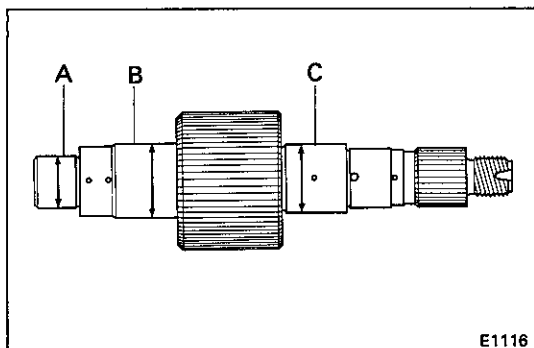


4. REMOVE THRUST WASHER AND BALL



5. REMOVE TRANSFER DRIVE SPROCKET

Remove the transfer drive sprocket and needle roller bearing.



INSPECTION OF REAR OUTPUT ASSEMBLY

1. INSPECT REAR OUTPUT SHAFT

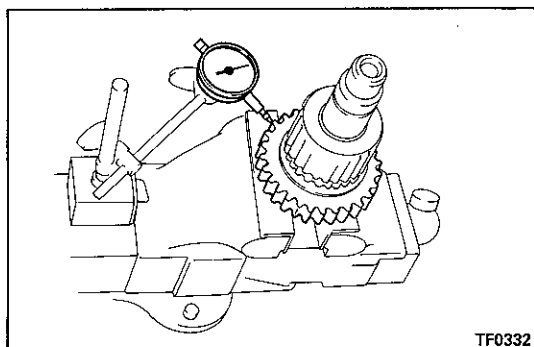
Using a micrometer, measure the outer diameter of the rear output shaft journal surface.

Minimum diameter:

Part A 27.930 mm (1.0996 in.)

B 38.900 mm (1.5315 in.)

C 36.930 mm (1.4539 in.)



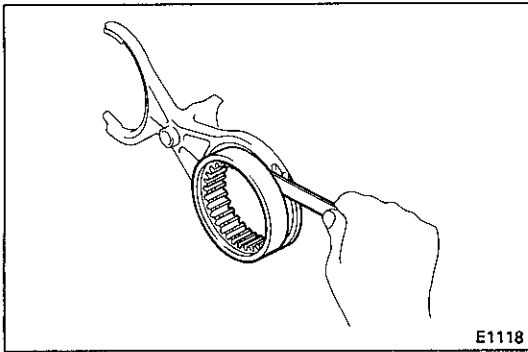
2. CHECK OIL CLEARANCE OF DRIVE SPROCKET

Using a dial indicator, measure the oil clearance between the sprocket and shaft with the needle roller bearing installed.

Standard clearance: 0.010 – 0.057 mm
(0.0004 – 0.0022 in.)

Maximum clearance: 0.15 mm (0.0059 in.)

If the clearance exceeds the limit, replace the drive sprocket, rear output shaft or needle roller bearing.

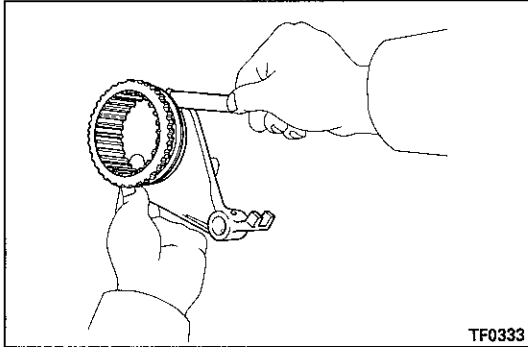


3. MEASURE CLEARANCE OF NO. 1 SHIFT FORK AND NO. 1 HUB SLEEVE

Using a feeler gauge, measure the clearance between No. 1 shift fork and hub sleeve.

Maximum clearance: 1.0 mm (0.039 in.)

If the clearance exceeds the limit, replace the shift fork or hub sleeve.



4. MEASURE CLEARANCE OF NO. 2 SHIFT FORK AND HIGH AND LOW HUB SLEEVE

Using a feeler gauge, measure the clearance between No. 2 shift fork and high and low hub sleeve.

Maximum clearance: 1.0 mm (0.039 in.)

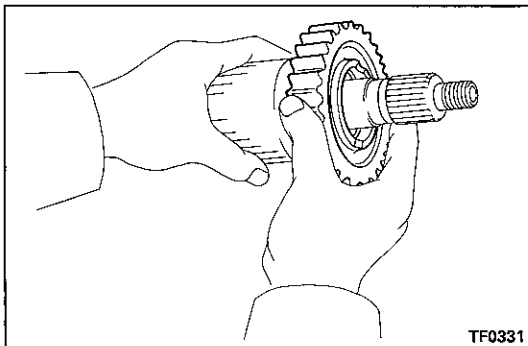
If the clearance exceeds the limit, replace the shift fork or hub sleeve.

ASSEMBLY OF REAR OUTPUT ASSEMBLY

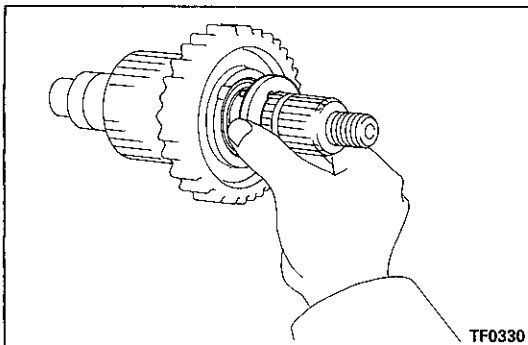
1. INSTALL TRANSFER DRIVE SPROCKET

(a) Apply gear oil to the shaft and needle roller bearing.

(b) Install the needle roller bearing in the drive sprocket.

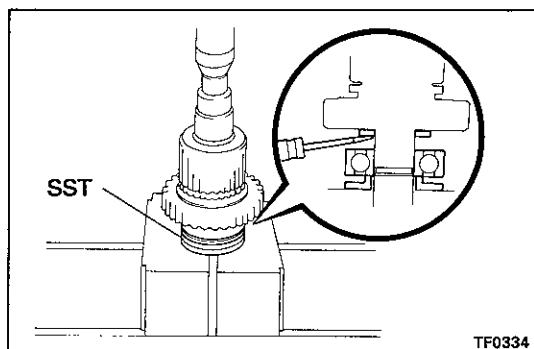


(c) Install the drive sprocket with the needle roller bearing.



2. INSTALL THRUST WASHER AND BALL

Turn the thrust washer to align it with the ball.

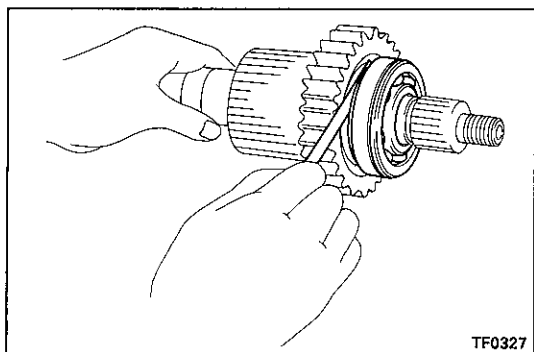


3. INSTALL REAR OUTPUT SHAFT BEARING

Using SST and a press, install the bearing.

SST 09506-30012

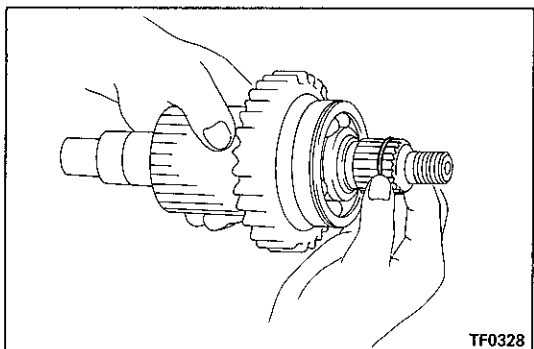
HINT: Hold the thrust washer with a screwdriver to prevent it from falling.



4. MEASURE DRIVE SPROCKET THRUST CLEARANCE

Using a feeler gauge, measure the drive sprocket thrust clearance.

Standard clearance: 0.10 – 0.25 mm
(0.0039 – 0.0098 in.)



5. INSTALL NEW O-RING