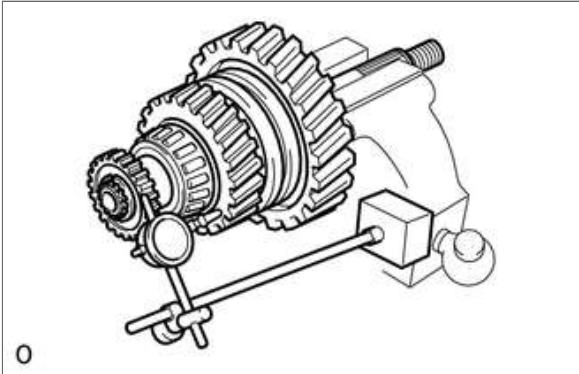


PROCEDURE

1.INSPECT TRANSFER HIGH SPEED OUTPUT GEAR THRUST CLEARANCE

36203



- a. Using a dial indicator, measure the thrust clearance of the transfer high speed output gear.

Standard clearance:

0.28 to 0.43 mm (0.0111 to 0.0169 in.)

Maximum clearance:

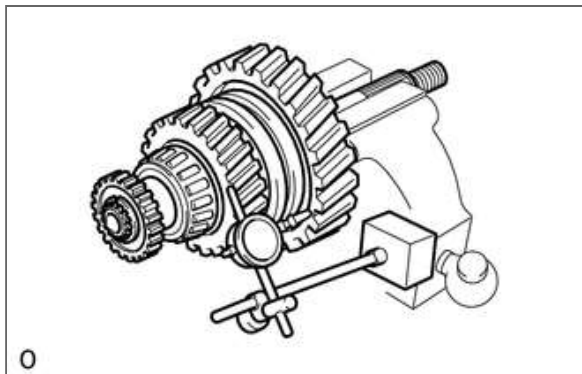
0.43 mm (0.0169 in.)

If the clearance is more than the maximum, replace the transfer front drive gear piece, transfer high speed output gear or output shaft. Replace the part or parts determined to be the most likely cause of the problem.

2.INSPECT TRANSFER LOW GEAR THRUST CLEARANCE

36242

a.



Using a dial indicator, measure the thrust clearance of the transfer low gear.

Standard clearance:

0.20 to 0.45 mm (0.0079 to 0.0177 in.)

Maximum clearance:

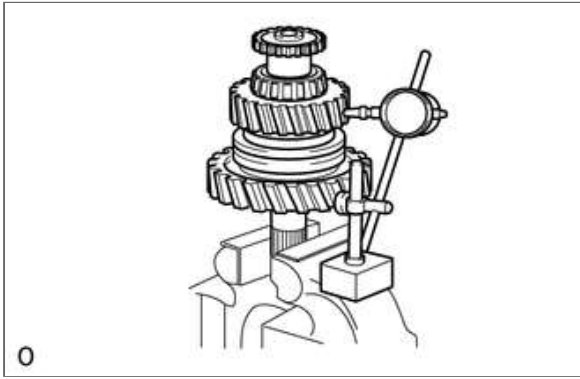
0.45 mm (0.0177 in.)

If the clearance is more than the maximum, replace the transfer clutch hub, transfer low gear or output shaft. Replace the part or parts determined to be the most likely cause of the problem.

3.INSPECT TRANSFER HIGH SPEED OUTPUT GEAR RADIAL CLEARANCE

36203

a.



Using a dial indicator, measure the transfer high speed output gear radial clearance between the gear and shaft.

Standard clearance:

0.0075 to 0.034 mm (0.00030 to 0.00133 in.)

Maximum clearance:

0.034 mm (0.00133 in.)

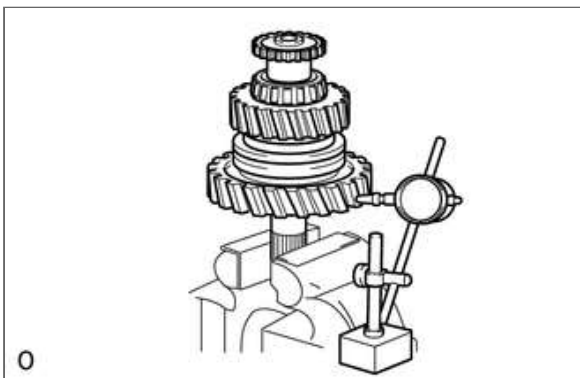
If the clearance is more than the maximum, replace the transfer high speed output gear, transfer output shaft front needle roller bearing, No. 1 transfer output shaft spacer or output shaft. Replace the part or parts determined to be the most likely cause of the problem.



4.INSPECT TRANSFER LOW GEAR RADIAL CLEARANCE

36242

a.



Using a dial indicator, measure the transfer low gear radial clearance between the gear and shaft.

Standard clearance:

0.0075 to 0.034 mm (0.00030 to 0.00133 in.)

Maximum clearance:

0.034 mm (0.00133 in.)

If the clearance is more than the maximum, replace the transfer low gear, transfer output shaft front needle roller bearing or output shaft. Replace the part or parts determined to be the most likely cause of the problem.