

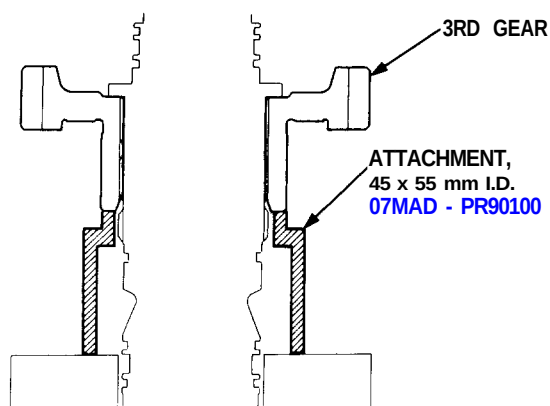
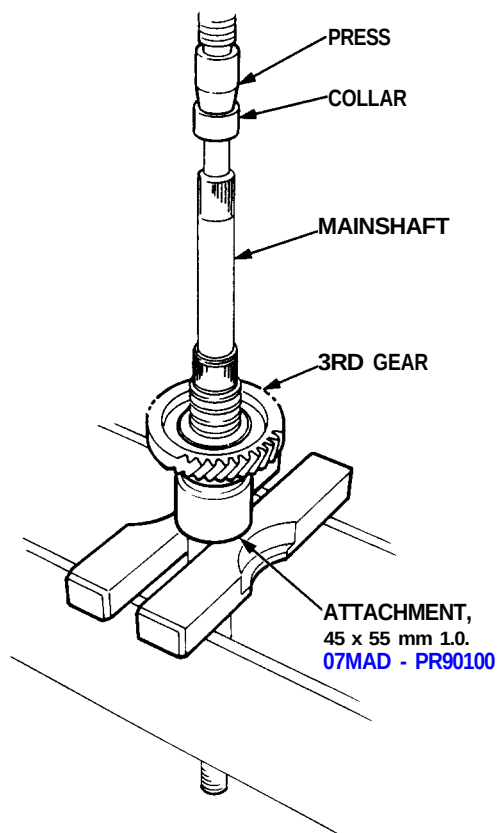


Inspection

NOTE:

- Inspect and adjust the 43 x 74 mm thrust washer when disassembling the mainshaft assembly or replacing mainshaft 3rd gear and/or 1st/4th clutch assembly.
- Lubricate all parts with ATF during assembly.

1. Install mainshaft 3rd gear on the mainshaft using the special tool and a press as shown.



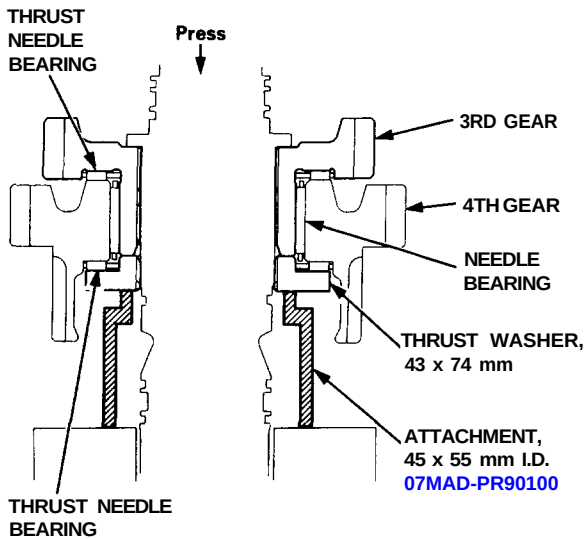
(cont'd)

Mainshaft

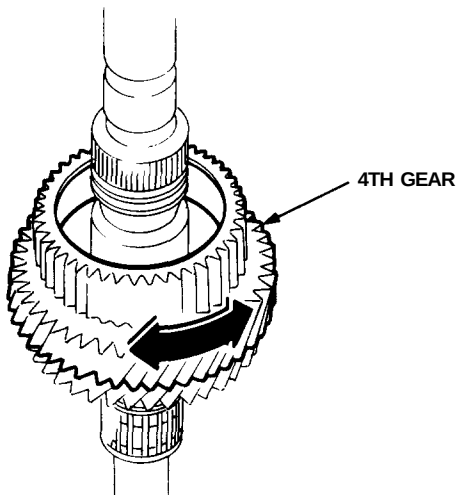
Inspection (cont'd)

- Assemble the thrust needle bearing, needle bearing, and 4th gear, then install the 43 x 74 mm thrust washer using the special tool and a press as shown.

NOTE: Replace the 43 x 74 mm thrust washer if you can install it by pressing it with your hand.

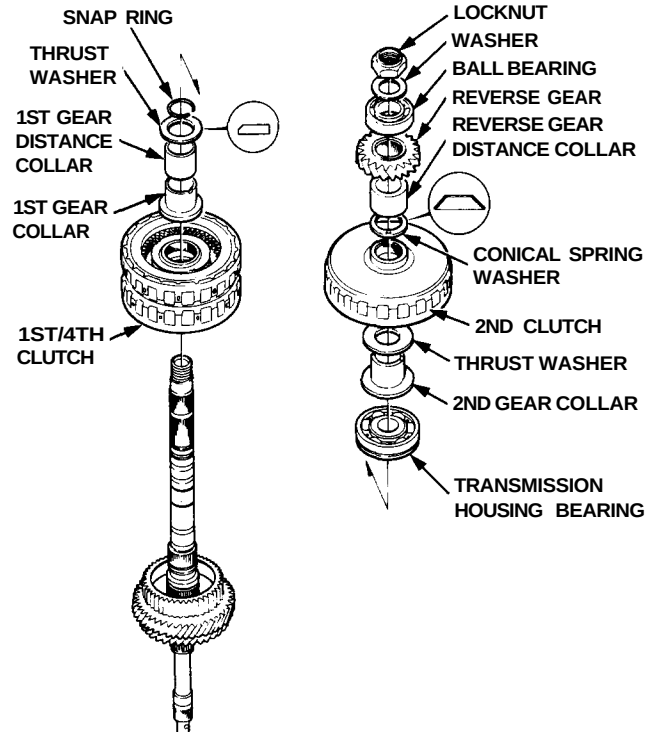


- Spin the mainshaft 4th gear by hand to check for clearance. The clearance is normal if the gear turns freely without binding.

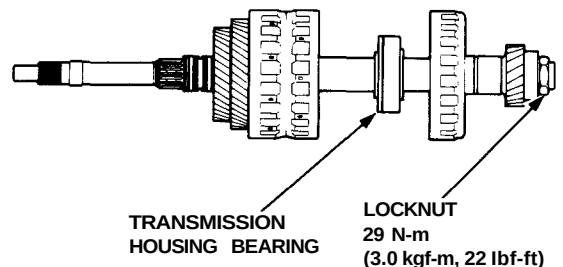


- Remove the mainshaft bearing from the transmission housing (see page 14-178).
- Assemble the parts below on the mainshaft.

NOTE: Do not install the O-rings and the mainshaft 1st gear on the mainshaft during inspection.



- Torque the mainshaft locknut to 29 N-m (3.0 kgf-m, 22 lbf-ft).



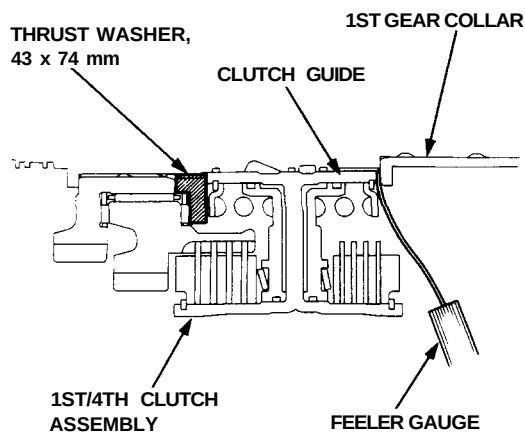
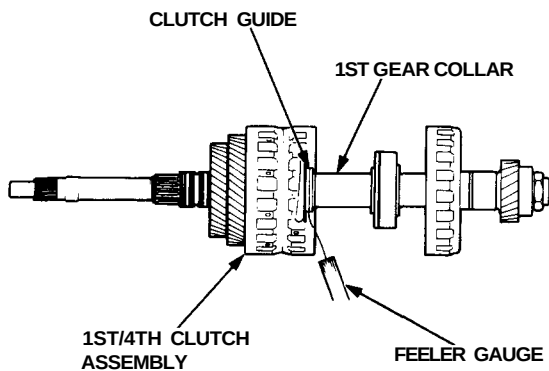
- Move the 1st/4th clutch assembly to check the axial clearances.



8. Measure the clearance between the 1st/4th clutch guide and 1st gear collar with a feeler gauge.

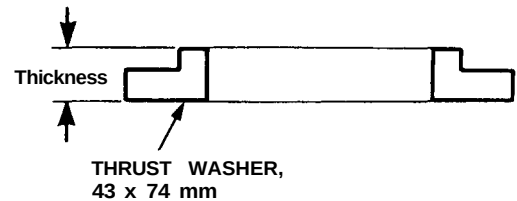
STANDARD: 0 - 0.08 mm (0 - 0.003 in)

NOTE: Take measurements in at least three places, and use the average as the actual clearance.



9. If the clearance is out of tolerance, remove the 43 x 74 mm thrust washer, and measure its thickness.

NOTE: If the 0.08 mm (0.003 in) feeler gauge can be inserted, perform this step.



10. Select and install a new 43 x 74 mm thrust washer, then recheck the clearance.

THRUST WASHER, 43 x 74 mm

No.	Part Number	Thickness
1	90431 - PY4 - 020	9.70 mm (0.382 in)
2	90432 - PY4 - 020	9.75 mm (0.384 in)
3	90433 - PY4 - 020	9.80 mm (0.386 in)
4	90434 - PY4 - 020	9.85 mm (0.388 in)
5	90435 - PY4 - 020	9.90 mm (0.390 in)
6	90436 - PY4 - 020	9.95 mm (0.392 in)
7	90437 - PY4 - 020	10.00 mm (0.394 in)

11. After replacing the 43 x 74 mm thrust washer, make sure that the clearance is within the tolerance.