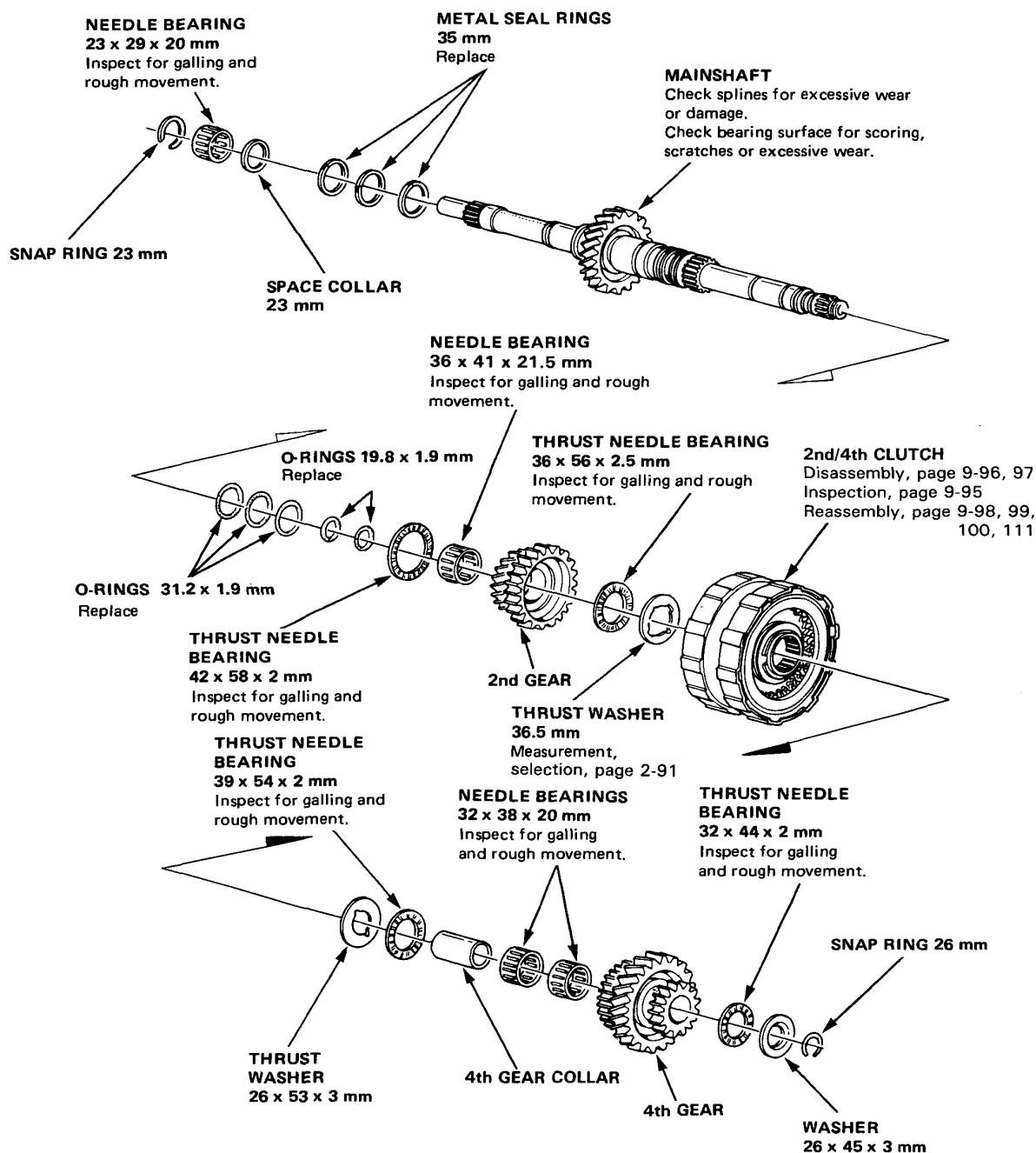


Mainshaft

Disassembly/Inspection/Reassembly

NOTE:

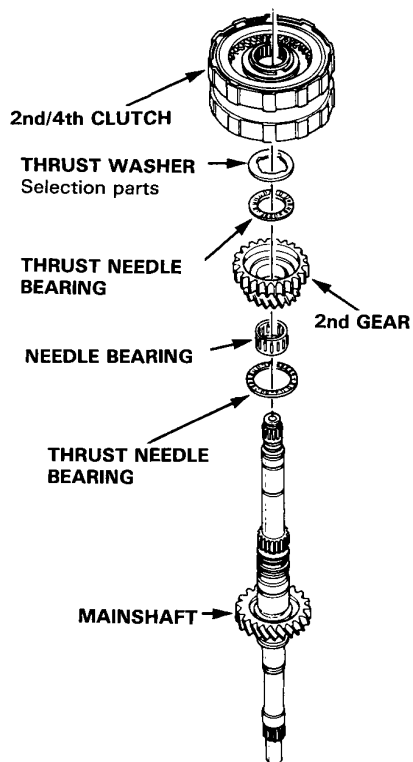
- Lubricate all parts with ATF during reassembly.
- Install thrust needle bearings with unrolled edge of bearing retainer facing washer.
- Before installing the O-rings, wrap the shaft splines with vinyl tape to prevent damage to the O-rings.



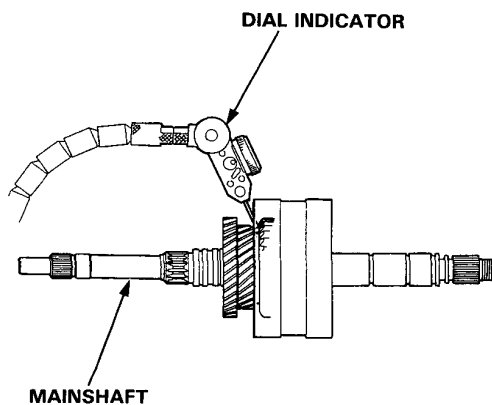


Thrust Washer Selecting

1. Install the thrust needle bearing, needle bearing, 2nd gear, thrust needle bearing, thrust washer and 2nd/4th clutch assembly to the mainshaft.



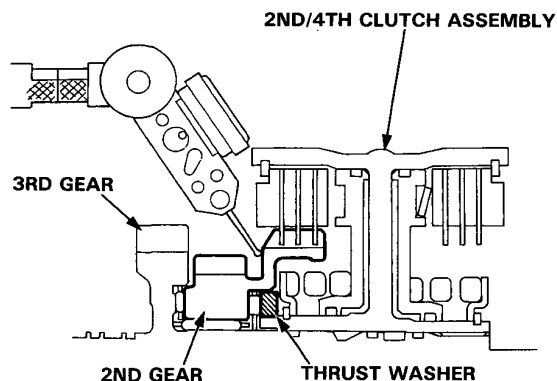
2. Attach the dial-indicator to the mainshaft 2nd gear.



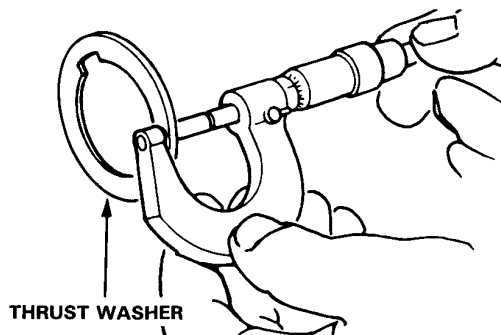
3. Measure the 2nd gear axial clearance while pushing the clutch assembly towards 3rd gear.

NOTE: Measure the clearance at three places 120° apart, and take the average as the actual clearance.

Standard: 0.07—0.15 mm
(0.003—0.006 in)



4. If the clearance exceeds the service limit, measure the thickness of the thrust washer and select one which gives the proper clearance.



Replacement thrust washers:

P/N	THICKNESS
90441-PG4-010	3.97—4.00 mm (0.156—0.157 in)
90442-PG4-010	4.02—4.05 mm (0.158—0.159 in)
90443-PG4-010	4.07—4.10 mm (0.160—0.161 in)
90444-PG4-010	4.12—4.15 mm (0.162—0.163 in)
90445-PG4-010	4.17—4.20 mm (0.164—0.165 in)
90446-PG4-010	4.22—4.25 mm (0.166—0.167 in)
90447-PG4-010	4.27—4.30 mm (0.168—0.169 in)
90448-PG4-010	4.32—4.35 mm (0.170—0.171 in)
90449-PG4-010	4.37—4.40 mm (0.172—0.173 in)