



## Inspection

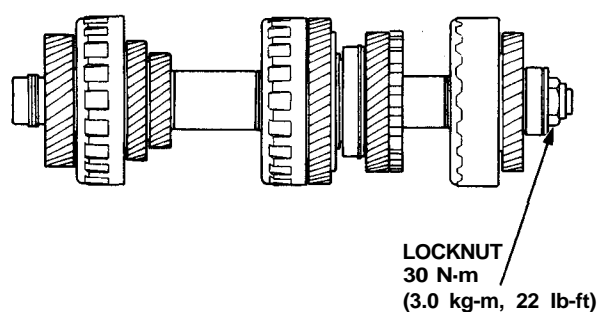
### ● Clearance Measurements

#### NOTE:

- Lubricate all parts with ATF during assembly.
- Do not install the O-rings during inspection.

1. Assemble all parts on the countershaft.
2. Torque countershaft locknut to 30 N·m (3.0 kg·m, 22 lb·ft).

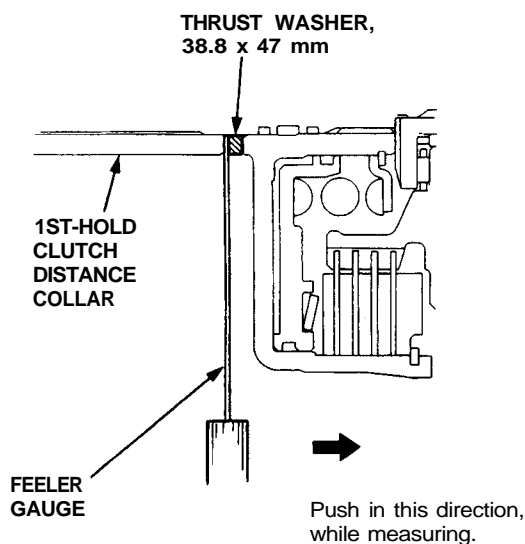
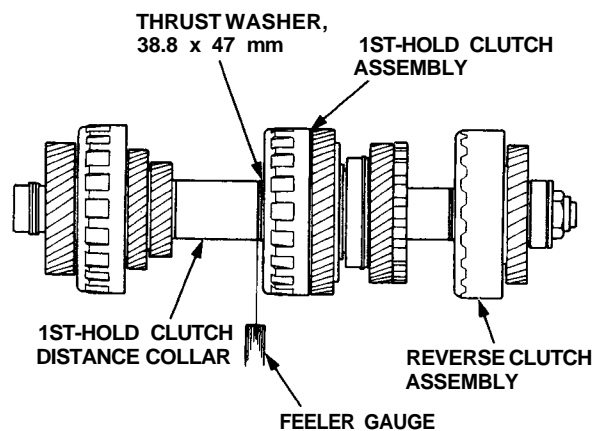
NOTE: Countershaft locknut has left-hand threads.



3. Hold the 1st-hold clutch assembly against the reverse clutch. Measure the clearance between the thrust washer, 38.8 x 47 mm, and the 1st-hold clutch distance collar with a feeler gauge.

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

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



4. If the clearance is out of tolerance, select and install a new thrust washer, 38.8 x 47 mm.

### THRUST WASHER 38.8 x 47 mm

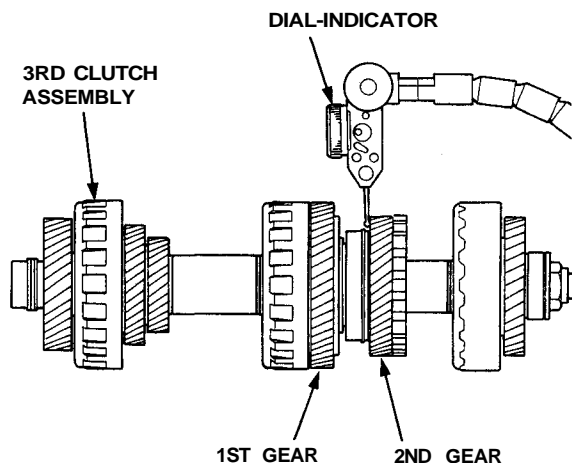
No.	Part Number	Thickness mm (in)
1	90451-PY4-000	2.97-3.00 (0.117-0.118)
2	90452-PY4-000	3.02-3.05 (0.119-0.120)
3	90453-PY4-000	3.07-3.10 (0.121-0.122)
4	90454-PY4-000	3.12-3.15 (0.123-0.124)
5	90455-PY4-000	3.17-3.20 (0.125-0.126)
6	90456-PY4-000	3.22-3.25 (0.127-0.128)
7	90457-PY4-000	3.27-3.30 (0.129-0.130)
8	90458-PY4-000	3.32-3.35 (0.131-0.132)
9	90459-PY4-000	3.37-3.40 (0.133-0.134)
10	90460-PY4-000	3.42-3.45 (0.135-0.136)
11	90461-PY4-000	3.47-3.50 (0.137-0.138)

(cont'd)

# Countershaft

## Inspection (cont'd)

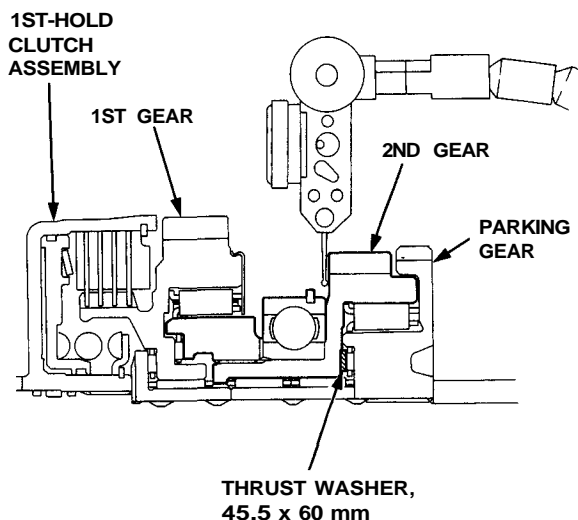
- Attach the dial-indicator to 2nd gear.



- Measure 2nd gear axial clearance while pushing 1st gear towards the 1st-hold clutch assembly.

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

**STANDARD: 0.07-0.15 mm (0.003-0.006 in)**



- If the clearance is out of tolerance, select and install a new thrust washer, 45.5 x 60 mm.

### THRUST WASHER 45.5 x 60 mm

No.	Part Number	Thickness mm (in)
1	90411-PY4-000	1.27-1.30 (0.050-0.051)
2	90412-PY4-000	1.32-1.35 (0.052-0.053)
3	90413-PY4-000	1.37-1.40 (0.054-0.055)
4	90414-PY4-000	1.42-1.45 (0.056-0.057)
5	90415-PY4-000	1.47-1.50 (0.058-0.059)
6	90416-PY4-000	1.52-1.55 (0.060-0.061)
7	90417-PY4-000	1.57-1.60 (0.062-0.063)
8	90418-PY4-000	1.62-1.65 (0.064-0.065)
9	90419-PY4-000	1.67-1.70 (0.066-0.067)
10	90420-PY4-000	1.72-1.75 (0.068-0.069)
11	90421-PY4-000	1.77-1.80 (0.070-0.071)
12	90422-PY4-000	1.82-1.85 (0.072-0.073)
13	90423-PY4-000	1.87-1.90 (0.074-0.075)

- After replacing the thrust washer(s), make sure that the clearance is within tolerance.

