



Inspection

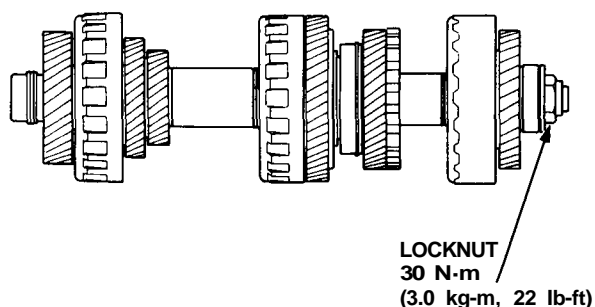
● Clearance Measurements

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).

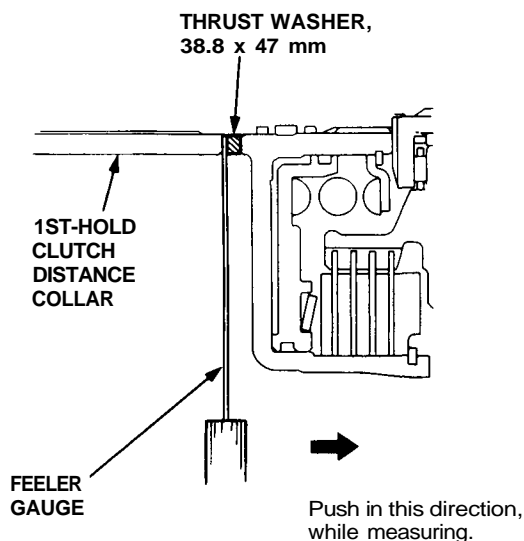
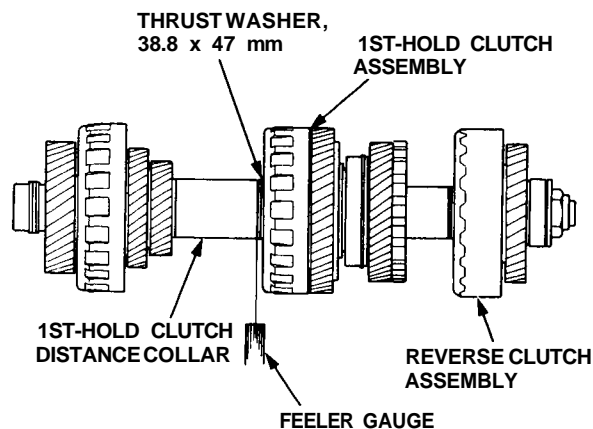
NOTE: Countershaft locknut has left-hand threads.



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

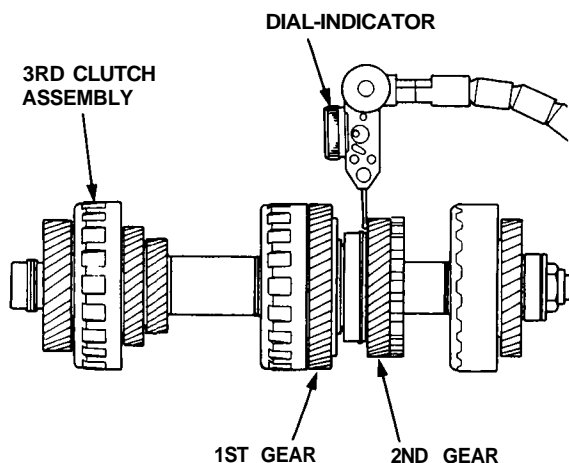
No.	Part Number	Thickness mm (in)
1	90451-PY4-000	2.97 – 3.00 (0.117–0.118)
2	90452-PY4-000	3.02 – 3.05 (0.119–0.120)
3	90453-PY4-000	3.07 – 3.10 (0.121–0.122)
4	90454-PY4-000	3.12 – 3.15 (0.123–0.124)
5	90455-PY4-000	3.17 – 3.20 (0.125–0.126)
6	90456-PY 4-000	3.22 – 3.25 (0.127–0.128)
7	90457-PY4-000	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-PY 4-000	3.47 – 3.50 (0.137–0.138)

(cont'd)

Countershaft

Inspection (cont'd)

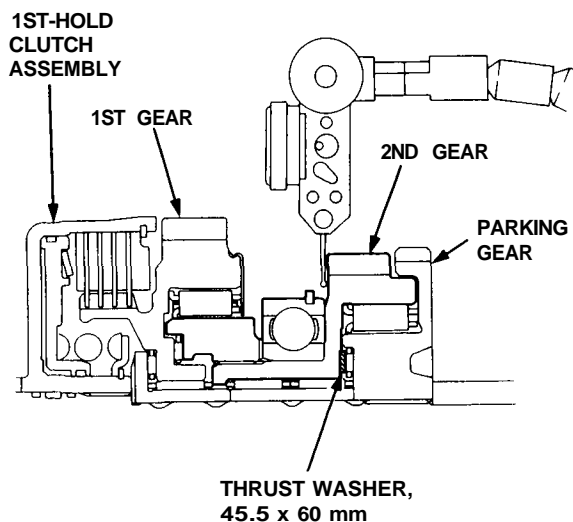
- Attach the dial-indicator to 2nd gear.



- 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.

