



Inspection

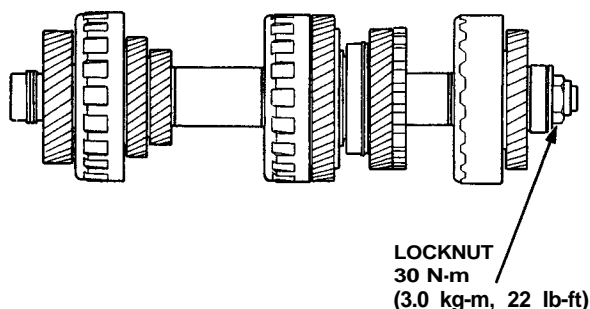
● Clearance Measurements

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).

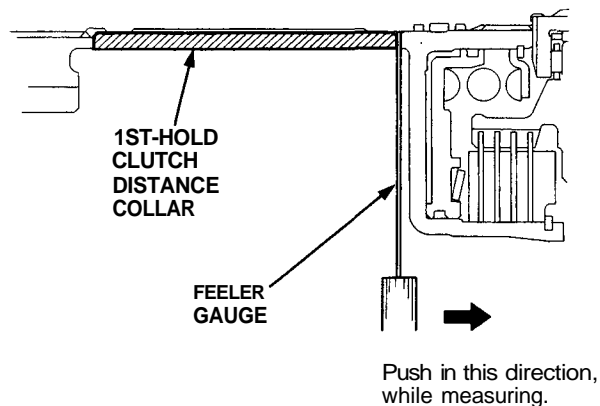
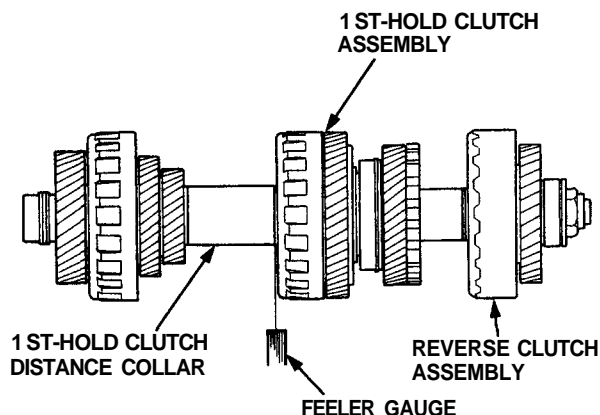
NOTE: Countershaft locknut has left-hand threads.



3. Hold the 1st-hold clutch assembly against the reverse clutch assembly. Measure the clearance between the 1st-hold clutch assembly 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 1st-hold clutch distance collar.

1ST-HOLD CLUTCH DISTANCE COLLAR

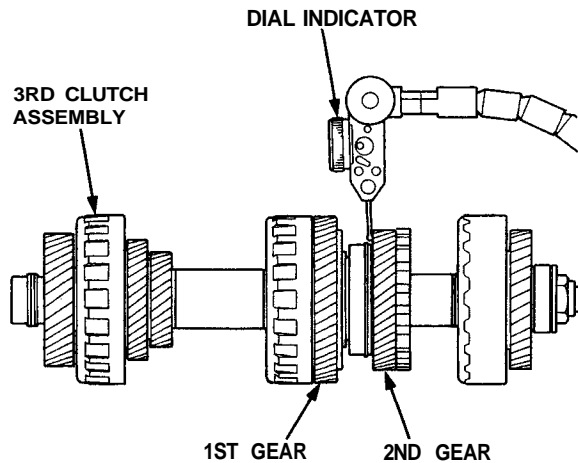
No.	Part Number	Thickness mm (in)
1	90451-PY4-010	71.97-72.00 (2.833-2.835)
2	90452-PY4-010	72.02-72.05 (2.835-2.837)
3	90453-PY4-010	72.07-72.10 (2.837-2.839)
4	90454-PY4-010	72.12-72.15 (2.839-2.841)
5	90455-PY4-010	72.17-72.20 (2.841-2.843)
6	90456-PY4-010	72.22-72.25 (2.843-2.844)
7	90457-PY4-010	72.27-72.30 (2.845-2.846)
8	90458-PY4-010	72.32-72.35 (2.847-2.848)
9	90459-PY4-010	72.37-72.40 (2.849-2.850)
10	90460-PY4-010	72.42-72.45 (2.851-2.852)
11	90461-PY4-010	72.47-72.50 (2.853-2.854)

(cont'd)

Countershaft

Inspection (cont'd)

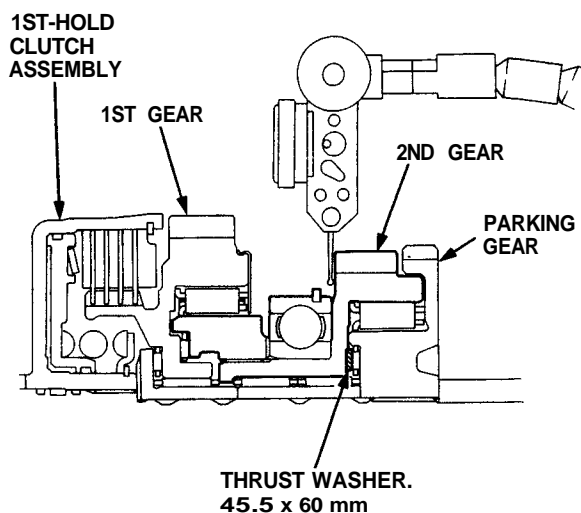
- Attach the dial indicator to 2nd gear.



- Measure 2nd gear axial clearance while pushing 1st gear toward 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	904 21-PY4-000	1.77—1.80 (0.070—0.071)
12	90422-PY 4-000	1.82—1.85 (0.072—0.073)
13	90423-PY 4-000	1.87—1.90 (0.074—0.075)

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

