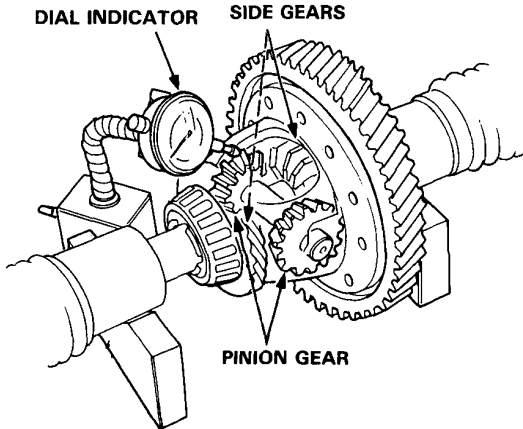


Differential

Backlash Inspection

1. Place differential assembly on V-blocks and install both axles.
2. Check backlash of both side gears.

**Standard (New): 0.05–0.15 mm
(0.002–0.006 in.)**



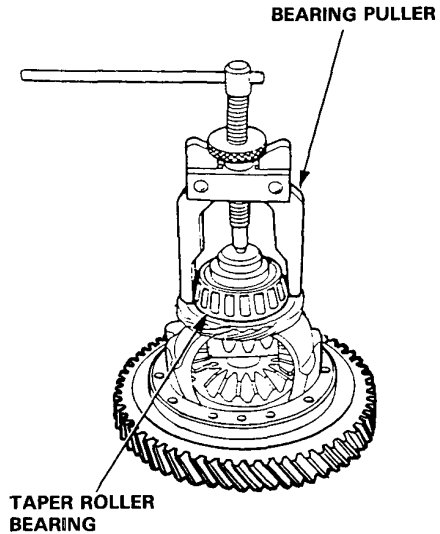
3. If out of tolerance, disassemble differential and select new pinion washers from the table below.

	PART NUMBER	THICKNESS
A	41351-PG1-000	0.70 mm (0.028 in.)
B	41352-PG1-000	0.75 mm (0.030 in.)
C	41353-PG1-000	0.80 mm (0.031 in.)
D	41354-PG1-000	0.85 mm (0.033 in.)
E	41355-PG1-000	0.90 mm (0.035 in.)
F	41356-PG1-000	0.95 mm (0.037 in.)
G	41357-PG1-000	1.00 mm (0.039 in.)
H	41358-PG1-000	1.05 mm (0.041 in.)

Bearing Replacement

NOTE: Check bearings for wear and rough rotation. If bearings are OK, removal is not necessary.

1. Remove bearings using a standard bearing puller.



2. Using a press and the special tool, install new bearings.

NOTE: Drive in the bearings until they fully bottom.

NOTE:

- Drive in the bearings until they fully bottom.
- The bearing and outer race should be replaced as a pair.
- Inspect the adjust the bearing preload whenever the bearing is replaced.
- Drive in the bearings securely so that there is no clearance between the bearings and differential carrier.

