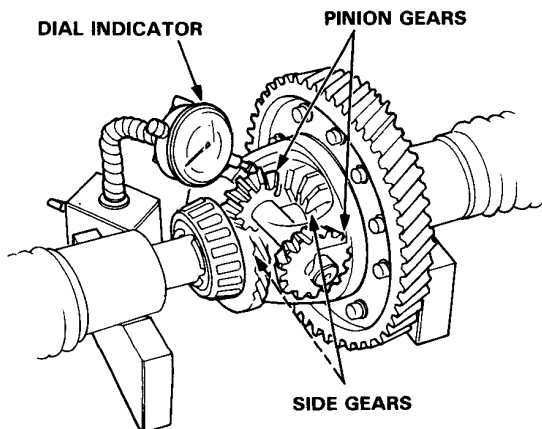


Differential

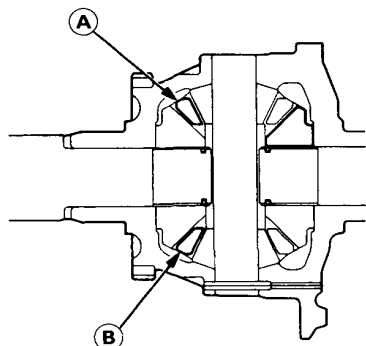
Backlash Inspection

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

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



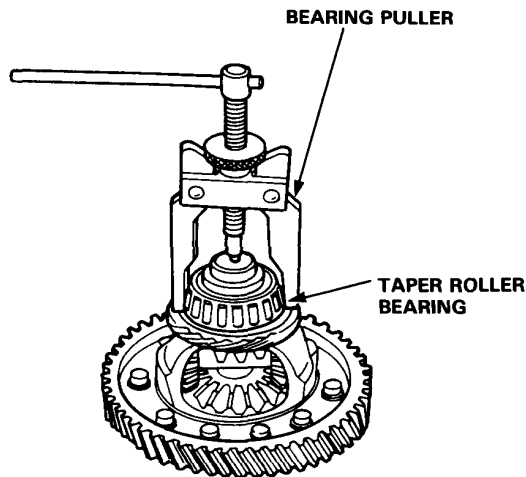
3. If out of tolerance, disassemble differential and select new thrust washers as shown on page 8-20.
4. Measure clearances in the A and B position of the drive pinion.



Bearing Replacement

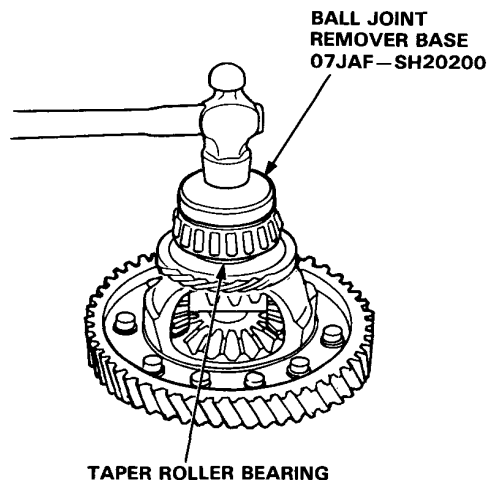
NOTE: Check bearings for wear and rough rotation. If bearings are OK, removal is not necessary.

1. Remove bearings using a standard bearing puller.



2. Install new bearings using the special tool.

NOTE: Press the bearings squarely until they bottom against the case.



NOTE:

- The bearing and outer race should be replaced as a pair.
- Inspect and adjust the bearing preload whenever the bearing is replaced.