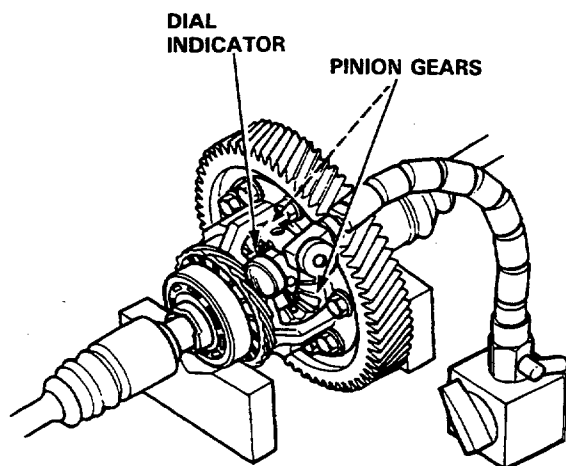


Differential (Manual Transmission)

Backlash Inspection

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

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

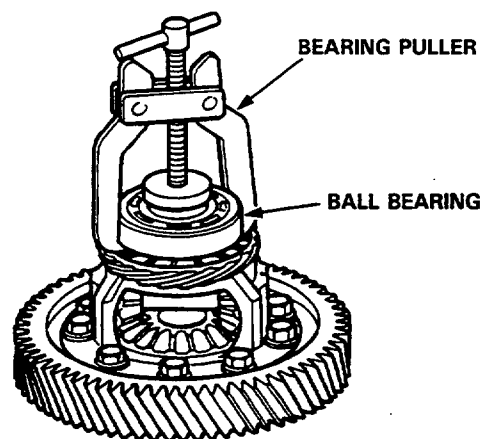


3. If the backlash is not within the standard, replace the differential carrier.

Bearing Replacement

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

1. Remove ball bearings using a bearing puller as shown.



2. Install new ball bearings using the special tool as shown.

NOTE: Drive the bearings squarely until they bottom against the carrier.

