

Figure 30
Pinion Assembly

- 1. Bearing Cup
- 2. Pinion Bearing
- 3. Pinion
- 4. Shim
- 5. Bearing Cup
- 6. Oil Seal
- 7. Washer

- 8. Nut Retainer
- 9. Securing Nut
- 10. Pinion Drive Flange
- 11. Dirt Shield APL 345 and 350 Axle only
- 12. Bearing
- 13. Bearing Pre-load Sleeve

- 5. Inspect the crown wheel for wear or damage, and replace if necessary.

NOTE: The crown wheel and pinion are only supplied as matched pairs, identified by a serial number etched on the periphery of the crown wheel and on the end of the pinion. Replacement of either the pinion or crown wheel necessitates the installation of a matched pinion and crown wheel.

- 6. Inspect the pinion assembly components for wear and damage and replace as necessary. Figure 30. The bearing pre-load spacer must be renewed to ensure correct bearing pre-load is obtained on re-assembly.

- 7. If necessary remove the pinion bearing using Puller Tool No. 1003 or 9516, Pulling Attachment Tool No. 951 or 9190 and Shaft Protector Tool No. 625A or 9212, Figure 31.

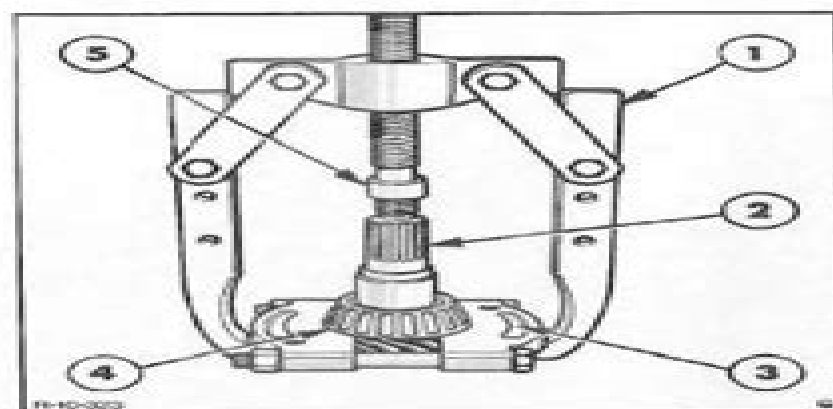


Figure 31
Removing Pinion Bearing

- 1. Puller, Tool No. 1003 or 9516
- 2. Pinion Shaft
- 3. Puller Attachment, Tool No. 951 or 9190
- 4. Pinion Bearing
- 5. Shaft Protector, Tool No. 625A or 9212

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