

Inspection and Repair

1. Thoroughly clean the inner and outer bearings, including the bearing cups in the hub. Use solvent and compressed air.

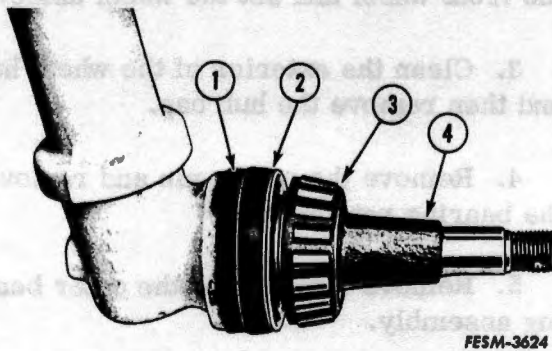
NOTE: Do not allow bearings to spin while drying with compressed air.

2. Inspect the bearings for roughness, pitting or other damage. Replace as necessary.

3. If the bearings are replaced, the oil seal and felt washer are also worn and must be replaced.

4. Pack the wheel bearings with grease before installation.

Installation



1. Felt washer
2. Oil seal
3. Inner bearing
4. Spindle

1. Lubricate the felt washer (1) and oil seal (2) before installing them on the spindle. The oil seal can be driven into place using a proper size sleeve. Be sure the oil seal lip points toward the felt washer.

2. Install the inner bearing (3) on the spindle (4). Do not apply pressure to the outer part of the bearing; apply only to the inner race.

3. Install new bearing cups in the wheel hub if they were removed.

4. Install the hub and the outer bearing on the spindle.

5. Install the bearing retaining nut.

6. Install the wheel on the hub and rotate it while tightening the retaining nut until a slight drag is felt on the wheel.

7. Back the nut off to the nearest castellation and insert the cotter pin.

8. Install the hub cap.

9. Refer to Operator's Manual for lubrication.