CLEANING, INSPECTING AND RELUBRICATING UNIT BEARINGS

Clean bearing cup with any of the standard metal cleaning solvents. Inspect cup for any possible wear, nicks, etc.

The cone assembly can be cleaned in place on the shaft. Use a standard metal cleaning solvent and a stiff bristle brush to loosen the old grease. To insure removal of the old grease and any contamination that might be present, use compressed air. Air should be directed at the cone assembly so that it goes through the bearing from one end of the rollers to the other. It is important not to "spin dry" the bearing with compressed air. Spinning the dry bearing may score the raceways and rollers due to the lack of lubricant.

Use a standard metal cleaning solvent to clean out the bearing and oil seal bore in the housing. Wipe this area clean making sure it is free from any old grease or other contamination that might be present.

After the bearing has been inspected and approved for continued service, it must be lubricated prior to installation.

The grease should be a good quality number 2 E.P. (extreme pressure), lithium soap, wheel bearing grease.

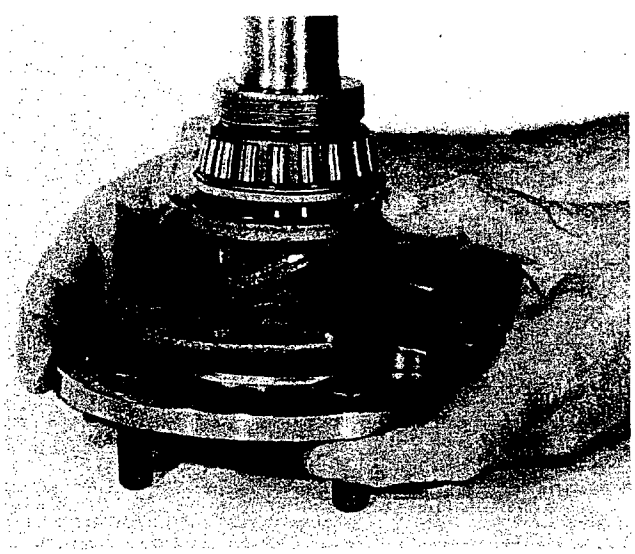


Figure 107 1009-107

Push seal and retainer away from the bearing to allow a cavity between the seal and bearing.

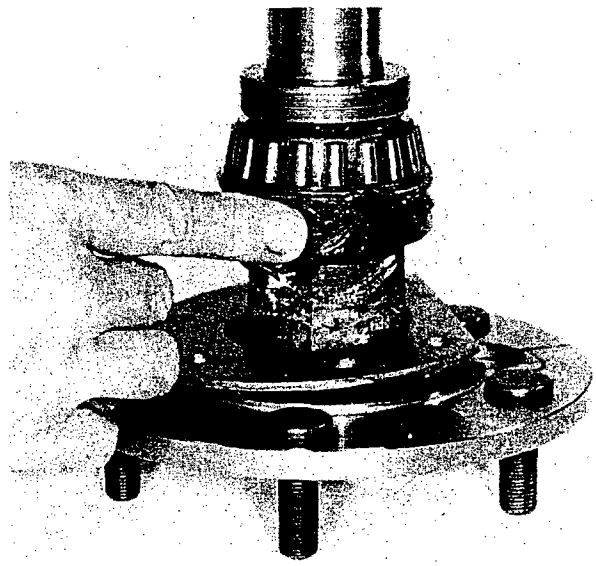


Figure 108 1009-108

Fill the area or cavity between the seal and bearing with the recommended grease.

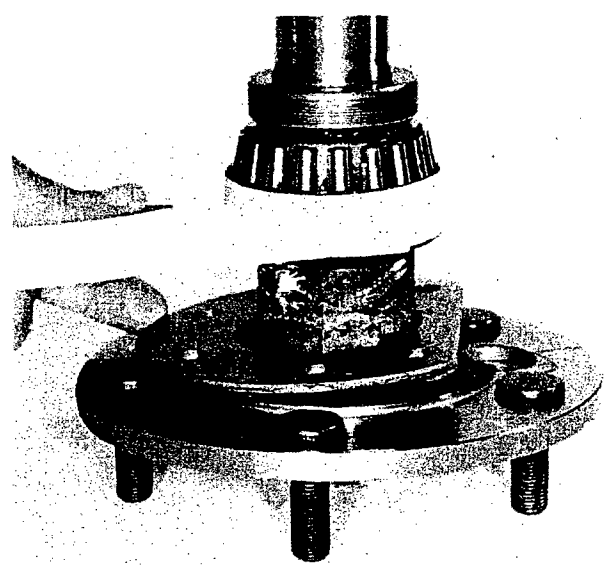


Figure 109 1009-109

After the cavity is full of grease, wrap tape compeltely around the rib ring and seal as shown to enclose the cavity.