

Oil Bath Lubrication System – Plastic Screw-In Cap Information			
Size	O-Ring Number	Socket Size	Torque Specification
5 Bolt	01-137	2 3/8" 6 Point	25/30 ft-lbs
6 Bolt	01-143	2 7/8" 6 Point	

### **Bearing Adjustment and Hub Installation**

Bearing adjustment is a very important part of achieving maximum bearing life and trouble-free service. Most bearing failures can be attributed to improper bearing adjustment, normally due to the bearings being adjusted too tight.

Once all of the necessary inspections have been performed and the units have been properly lubricated, the following procedure should be used for reinstallation of the hubs:

1. Place the lubricated unit onto the same spindle from which it was removed. Make sure all of the components are reinstalled as they were removed.
2. Tighten the spindle nut to 30-40 ft./lbs. while turning the hub to ensure the bearings are properly seated. Do not move the hub after this step is completed.
3. Loosen the spindle nut completely until the nut can be turned with your fingers.
4. Finger-tighten the spindle nut by hand without moving the hub.
5. If the cotter pin **can** be assembled with the nut finger-tight, insert the cotter pin without backing the nut off. If the cotter pin **cannot** be assembled with the nut finger-tight, back the spindle nut up to the next available slot and insert the cotter pin.
6. Bend the legs of the cotter pin over the top of the spindle to ensure the spindle nut will not back off.
7. The spindle nut should be free to move with your fingers with only the cotter pin holding it in place and the hub should not have noticeable movement when pulled back and forth.