

3 TON AXLE - BEARING END PLAY ADJUSTMENT

Tapered Bearing Axle with Single Castellated Nut

1. Install the castellated nut, torque the nut to 135Nm (100 ft-lb) while rotating the hub in both directions.
2. Back off the nut 1/6-1/4 turn. Do not include socket back lash.
3. Tight the nut to that you feel just tight enough.
4. Turn the nut to nearest slot and install a new split pin in the axle spindle hole.
5. Check the hub rotates freely.
6. Bearing end float should be 0.025 – 0.127mm (0.001 – 0.005"). For longer bearing life, keep it to the lower end of the tolerance – 0.001".
7. The above procedures are the recommended installation procedures.

IMPORTANT:

Check the end float, if not correct repeat as above, reducing or increasing the amount of back off.



MAINTENANCE SCHEDULE

After the first 1000kms, check the torque on all the nuts and bolts.

Grease the s-cams every 10,000 kms.

Lube the bearing with a good quality grease every 100,000 kms.

