

5 TON AXLE - BEARING END PLAY ADJUSTMENT

Tapered Bearing Axle with Single Castellated Nut

1. Install the thrust washer and the castellated nut, torque the nut to 270Nm (200 lb/ft) while rotating the hub in both directions.
2. Back off nut one full turn.
3. Re-torque to 68Nm (50 lb/ft) while rotating the hub in both directions.
4. Back off the nut 1/6-1/4 turn. Do not include socket back lash.
5. Turn the nut to nearest slot and install a new split pin in the axle spindle hole.
6. Check the hub rotates freely.
7. 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".
8. 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 applied after re-torque to 68Nm (50ft/lbs).



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.

