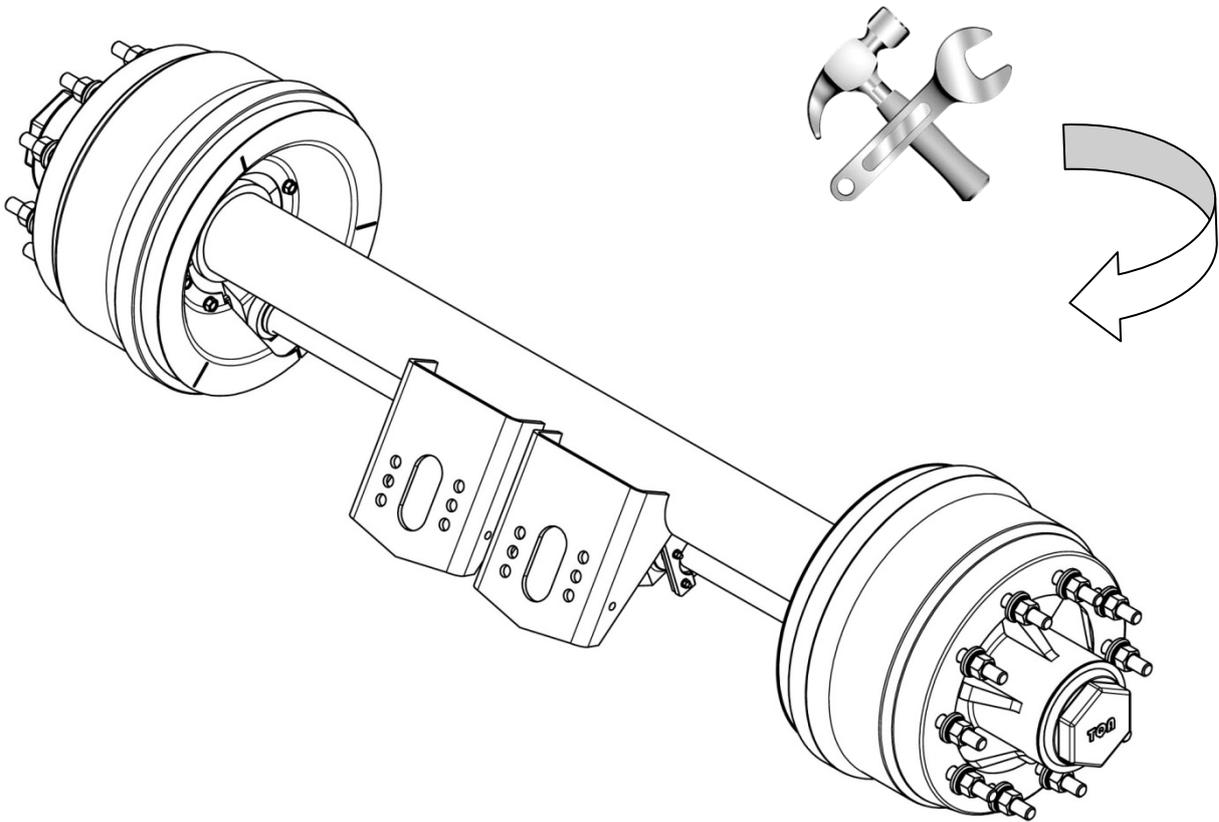


TRAILQUIP AXLE MAINTENANCE SCHEDULE

15" Spider, 19" 275 PCD 8 Stud, 19" 10 Stud 225 PCD

GP (General Purpose) Tapered Bearing Axles



Check & tight every nuts and bolts after "Break In" period of approximately 1000 to 3000 miles (Or 1600 to 4800 kms) and annually or 100,000 kms thereafter.

<i>Periodic Maintenance</i>		
Brake Chamber Nut	100 - 110 ft-lbs	136 - 149 Nm
Wheel Nut Torque	450 - 500 ft-lbs	610 - 678 Nm
Spider Axles	200 - 220 ft-lbs	270 - 300 Nm
Check Grease Cap for tension		
Check Bearing Grease every 12 Months		

Wheel Bearing Adjustment

We recommend that all axles should have the wheel bearings adjusted initially after the first 5,000 km and then at 100,000 km intervals (highway operations). This does not preclude the need for inspection and adjustment as necessary every 25,000 km if under off-road conditions.

Wheel Bearing adjustment for:

GP - Tapered Bearing Axle with Double Nut:

1. Install inner nut with dowel facing outwards, torque nut to 542Nm (400 lb/ft) while rotating the hub in both directions.
2. Back off the nut 1/4-1/3 turn. Do not include the socket back lash.
3. Install the lock washer ensuring the inner tab is aligned with the key way in the axle spindle. If it is not lined up, back off the inner nut to the next available hole position.
4. Install the tab washer and the outer jam nut and torque to 678-813Nm (500-600 lb/ft) and fold 2 opposite tabs over the jam nut.
5. Check that the hub rotates freely.
6. Bearing end float should be 0.1 – 0.2mm (0.004 – 0.008”). For longer bearing life, keep it to the lower end of the tolerance – 0.004”.



Lock Washer & Tab Washer



Inner Nut



Outer Lock Nut (Jam Nut)



Mount the dial gauge as shown



Push the hub and set the dial gauge to zero



Pull the hub and check the reading

Important : If too tight or too loose, re-adjust.

Recommended Lube: CALTEX Liplax EP2