



New Webb 2023 TN Trailer Hub



- Patent-pending design greatly reduces mis-mount potential
- 10-pilot, radially aligned with studs design – decrease chance of non-concentric mounting
- Optional oil fill plug angled for convenient accessibility after wheel installation
- Lightweight ductile iron hub while maintaining 25K GAWR
- Made in the U.S.A.
- Standard design for all new 2023 hubs

Preventive Maintenance Tips for Disc Wheel Hubs

Webb Wheel recommends that a preventative maintenance program for disc wheel hubs be established to periodically check for wear, damage, proper nut torque, wheel alignment, cracks and leaks.

For hubs using pilot mounted disc wheels, the program should include:

1. Visual checks for loose flange nuts, cracks, and leaks between each usage and at least daily. If such conditions exist, repairs should be made immediately. Failure to do so may result in a loose wheel, resulting in an accident
2. Flange nut torque checks:
 - a. After the first 50-100 miles of operation for new installations and re-installations
 - b. Whenever the bearings are serviced (covered under re-installations)
 - c. Every 10,000 miles or at the vehicle's scheduled maintenance, whichever comes first. Individual fleet experience may dictate shorter intervals or allow longer intervals
3. Check the flange nut torque by tightening the nut to full torque and following the sequence as noted below



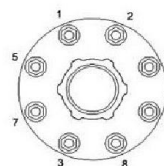
HUBS (For Pilot Mounted Disc Wheels) 8 and 10 Stud Hubs Applies to M22 x 1.5 studs/two piece flange nuts **RECOMMENDED TORQUE: 450-500 ft.lbs.**

All threads are right hand metric.

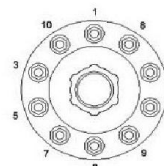
First tighten flange nuts to 50 ft. lbs. using sequence shown.

Check disc-wheels for proper positioning on pilots and proper seating against flange.

Then tighten flange nuts to recommended torque (450-500 ft. lbs.) using sequence shown.



8-STUD



10-STUD

Recheck torque after first 50 to 100 miles of service and retorque as required to recommended torque specifications.

Proper flange nut torque is important. Use a torque wrench to assure proper torque. Insufficient torque can cause stud breakage and damage wheel pilots. Overtorque can overstress the studs and strip the threads. **Do not deviate from the recommended torques.** Doing so may result in loose wheels, which can cause an accident.

If air wrenches are used, they must be periodically calibrated in both directions for proper torque output. Use a hand torque wrench to check the air wrench output. If output is not correct, take the necessary steps to adjust output.

Source: *Webb Wheel Installation, Service and Safety Manual*

