



Torque Specifications



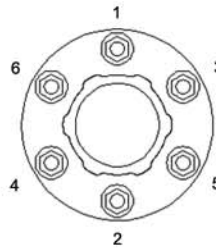
HUBS (For Ball Seat Mounted Disc Wheels) 6 and 10 Stud Hubs

Applies to 3/4-16 and 1 1/8-16 Fastener Sizes

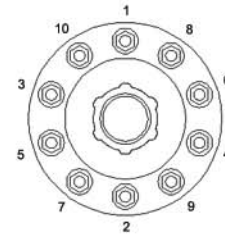
RECOMMENDED TORQUE DRY: 450-500 ft. lbs.

INNER CAP NUTS - First tighten cap nuts to 50 ft. lbs. using sequence shown. Then tighten cap nuts to recommended torque (450-500 ft. lbs. DRY) using sequence shown.

OUTER CAP NUTS - First tighten cap nuts to 50 ft. lbs. using sequence shown. Then tighten cap nuts to recommended torque (450-500 ft. lbs. DRY) using sequence shown.



6-STUD



10-STUD

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

NOTE: In all applications where an aluminum disc wheel is to be installed, a special inner cap nut must be substituted for the standard inner cap nut.



HUBS (For Pilot Mounted Disc Wheels) 8 and 10 Stud Hubs

Applies to M22 x 1.5 studs/two piece flange nuts

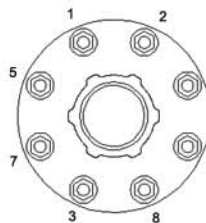
RECOMMENDED TORQUE: 450-500 ft.lbs.

All threads are right hand metric.

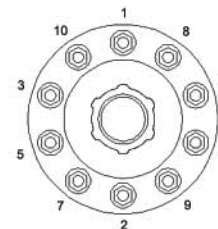
First tighten flange nuts to 50 ft. lbs. using sequence shown.

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

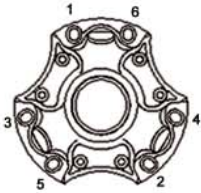
Recheck torque after first 50 to 100 miles of service and retorque as required to recommended torque specifications.



SPOKE WHEELS

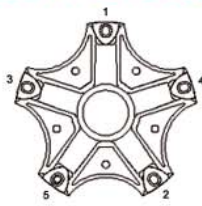
Applies to 3/4-10 Fastener Sizes

RECOMMENDED TORQUE DRY: 200-260 ft. lbs.



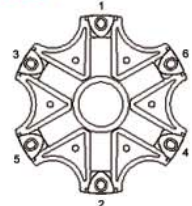
3 SPOKE

TIGHTEN CLAMPS
EVENLY
IN THIS ORDER



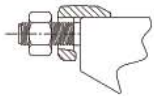
5 SPOKE

TIGHTEN CLAMPS
EVENLY
IN THIS ORDER



6 SPOKE

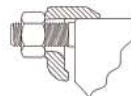
Recheck rim nut torque after first 50 to 100 miles of service and retorquer as required to recommended torque specifications.



Heel-less clamps do not depend on a fulcrum at the bottom of the clamp to produce the force to wedge the rims.

Heel of clamp does not touch wheel.

HEEL-LESS CLAMP



Gap permissible but not required - if gap exceeds 1/4" or if clamp bottoms out before reaching 80% of recommended torque, check to insure that the proper clamps and spacer are being used.

HEEL TYPE CLAMP

IMPORTANT: Do not overtorque! Rim clamp does not have to heel. Overtorquing can deform rim spacer and damage back flange.



BRAKE DRUM or ROTOR ASSEMBLY TORQUE SPECIFICATIONS for Mounting Bolts (Grade 8 Fasteners)

Thread Size		Torque Requirements Foot Pounds		Thread Size		Torque Requirements Foot Pounds	
		Minimum	Maximum			Minimum	Maximum
5/8-18 (Tapped Holes)	Rotate Bolt	150	200	3/4-16 (Wheels)	Rotate Nut	275	300
5/8-18 (Through Holes)	Rotate Nut	150	175	3/4-16 (Hubs)	Rotate Nut	100	225
3/4-10	Rotate Nut	250	275	1-14	Rotate Nut	175	225

Note: All fastener parts must be clean and dry.

WARNING

This brochure contains information taken from our Installation, Service and Safety Instructions Manual. Copies of the complete manual can be obtained at no cost by contacting our Sales Department at the address shown below.

Read and Understand the Installation, Service and Safety Instructions Manual before installing or servicing the hub. Failure to do so may result in personal injury or death, and may result in a compromise of your vehicle's safety through loss or failure of a wheel or compromise of the braking system.

The symbol shown above is used to call your attention to instructions concerning your personal safety and the safety of others. Watch for this symbol. It points out important safety precautions. It means "ATTENTION! Become Alert! Your personal safety is involved!" Read the message that follows and be alert to the risk of personal injury or death.

"The employer shall instruct each employee in the recognition and avoidance of unsafe conditions and the regulations applicable to his work environment to control or eliminate any hazards or other exposure to illness or injury." Ref: 29CFR 1926.20 (b) (4) (a) (2)

It is understood that safety rules within individual companies vary. If a conflict exists between the material contained in the manual and the rules of a using company, the more stringent rules should take precedence.