Wheel Torque Requirements

The proper procedure for attaching your wheels is as follows:

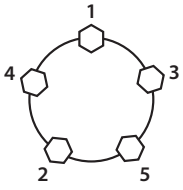
1. Start all bolts or nuts by hand to prevent cross threading.
2. Tighten bolts or nuts in the sequence shown for Wheel Torque Requirements.
3. Tightening of the fasteners should be done in stages. Following the recommended sequence, tighten fasteners per wheel torque requirements diagram.
4. Wheel nuts/bolts should be torqued before first road use and after each wheel removal. Check and re-torque after the first 10 miles, 25 miles, and again at 50 miles. Check periodically thereafter.

Torque Sequence (Ft. Lbs.)

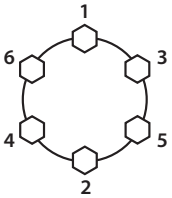
Wheel Size	1st Stage	2nd Stage	3rd Stage
12"	20-25	35-40	50-75
13"	20-25	35-40	50-75
14"	20-25	50-60	90-120
15"	20-25	50-60	90-120
16" With 1/2" Studs	20-25	50-60	90-120
16" With 9/16" Studs	20-25	80-90	140-170
17.5" Hub Pilot 5/8" Flange Nut	50-60	90-200	275-325
17.5" Hub Pilot 5/8" Swivel Flange Nut	50-60	60-110	150-175

Torque Sequence *(Continued)*

Wheel Size	Part No.	Application	Torque Min. Ft. Lbs.	Torque Max. Ft. Lbs.
5/8-18 90° Cone Nut	006-109-00	Clamp Ring 033-052-01	190	210 Greased Threads
3/4-10 Hex Nut	006-117-00	Demountable Rim Clamp	210	260
3/4-16 Spherical Nut	006-064-01, 02 006-069-01, 02	Single Wheel Inner Dual	450 450	500 500
1 1/8-16 Spherical Nut	006-070-01, 02	Outer Dual	450	500
5/8-18 Non-Swiveling Flange Nut	006-058-00	Wheels	275	325
5/8-18 Swiveling Flange Nut	006-209-00	Wheels	150	175
M22-1.5	006-118-00	Swiveling Flange Nut	450	500



5 BOLT



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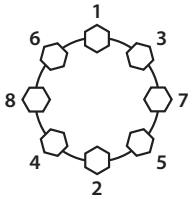

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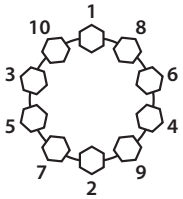

10 BOLT