TORQUE REQUIREMENTS

1. Make Sure Mounting Surface of the Wheel and Axle Hub is Not Damaged and Clean From Dirt, Grease, Oil, Etc.

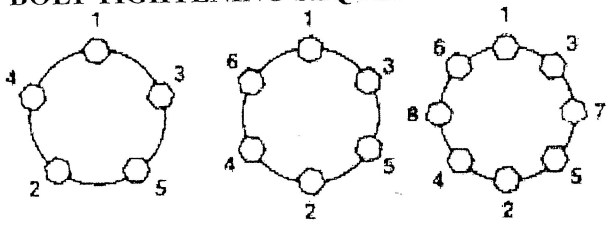
2. Start all Lug Nuts by Hand to prevent Cross Threading.

3. Tighten Lug Nuts Using A Torque Wrench Before the First Road Use and After Each Wheel Removal, Following the Sequence and Torque Setting as Shown Below in the Sequence Diagram and Torque Chart.

4. Re-Torque after the First 10 Miles, 25 Miles, and 50 miles and Again At 100 Miles for 9k-12k Axles. Check Periodically During Regular Safety/Servicing Checks Thereafter.

5. NOTE: Failure to Follow Torque Requirements May Result in Loose Wheels, Broken Lug Studs and Possible Wheel Separation From Axle Hub Causing Serious Damage.

BOLT TIGHTENING SEQUENCE DIAGRAM



5 BOLT 6 BOLT 8 BOLT

TORQUE REQUIREMENT CHART

Stud Mount Piloted Wheels			Torque Requirments- Lbs/Ft.		
Wheel Size	Bolt Pattern	Lug Nut Size	1st setting	2nd setting	3rd setting
12"-13"	5 Hole	1/2" Cone 60*	20-25	35-40	50-75
14"-15"	5 Hole	1/2" Cone 60*	20-25	50-60	90-120
16"	6 / 8 Hole	1/2" Cone 60*	20-25	50-60	90-120
16"	6 / 8 Hole	9/16" Cone 60*	20-25	70-80	130-150
Hub Piloted Wheels			**Torque Requirments- Lbs/Ft.**		
Wheel Size	Bolt Pattern	Lug Nut Size	1st setting	2nd setting	3rd setting
16" Dual-17.5"	8 Hole	5/8" Flange Nuts	50-60	90-200	275-325
16" Dual - 17.5"	8 Hole	5/8" Cone 90* / Clamp Ring	50-60	100-120	190-210

SUSPENSION FASTENER TORQUE VALUES (FT.LBS)

ITEM	Min.	Max.
3/8" U-Bolt	30	50
7/16" - 1/2" U-Bolt	45	70
9/16 U-Bolt	65	90
5/8 U-Bolt	100	120
Non Shoulder Type With 9/16" Threads Spring Hanger bolt Shackle Bolt Equalizer Bolt	Snug Fit Only. Parts Must Rotate Freely. Locking Nut or Cotter Pins provided to Retain Nut-Bolt Assembly	
Shoulder Type with 7/16" Threads Hanger,Shackle,Equal.	Min.	Max.
	30	50