NUT TORQUE CHART

Wheel Torque Specifications and Bolt Patterns

THE IMPORTANCE OF PROPER TORQUE

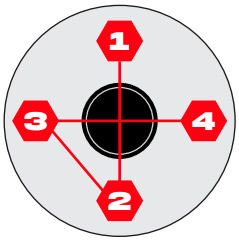
Trailer safety begins where the tires meet the road. Improperly torqued lug nuts can lead to vibrations, premature component wear, or in critical cases, a wheel becoming detached while in motion. To ensure optimal performance and enhanced safety, it is essential to follow the torque specifications specific to your stud size and rim type. This guide outlines the proper tightening sequence as well as the recommended torque levels to maintain the integrity of your N&N equipment, mile after mile.

LUG NUT TORQUE SPECIFICATIONS

STUD SIZE	LUG NUT TYPE	TORQUE SPECIFICATIONS	WHEEL SIZE & TYPE	WHEEL MATERIAL
1/2 in	Coned	120 ft-lb	13 in 14 in 15 in 16 in	Steel
9/16 in	Coned	140 ft-lb		
5/8 in	Coned with Wheel Clamp Ring	190-210 ft-lb	17.5 in single or 16 in dual	
	Rotating Flange Nut			
	Non-Rotating Flange Nut	275-325 ft-lb	17.5 in single	
M22-1.5	Two-Piece Rotating Flange Nut	450-500 ft-lb	17.5 in dual	

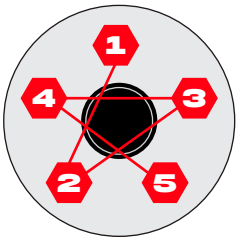
TIGHTENING SEQUENCE REMINDER

It is highly recommended to use a calibrated torque wrench and follow a "star" (cross) pattern based on the number of bolts on your hub to ensure even pressure across the mounting surface.



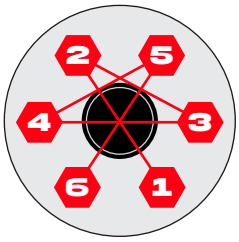
4-BOLT PATTERN

Follow the 1-2 and 3-4 sequence.



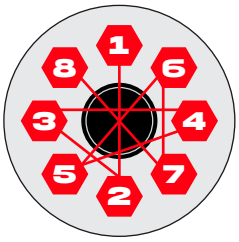
5-BOLT PATTERN

Follow the star sequence 1-2-3-4-5.



6-BOLT PATTERN

Follow the cross-sequence in order.



8-BOLT PATTERN

Follow the complex cross-sequence in order.

N&N TRAILERS

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