

PRODUCT INFORMATION - 012

WHEEL STUD TORQUE LEVELS

Applicable to sprayers using M12 ~ M24 Wheel studs - **supersedes all previous recommendations**

These recommendations were supplied by Titan Australia – our major supplier for axles, wheels & tyres.

INSPECTION INTERVALS

MINIMUM RECOMMENDED TENTION INTERVALS FOR AG WHEELS

RETENTION AT	INITIAL FITMENT
	4 HOURS OF OPERATION
	8 HOURS OF OPERATION
	16 HOURS OF OPERATION
	24 HOURS OF OPERATION
	48 HOURS OF OPERATION

Alternatively, after the first 50km & subsequently every 100km, the stud bolt nuts are to be tightened by means of a dynamometric key and with the torque values listed below. Male and female treads are to be dry, however small amounts of anti-corrosive oil covering is permitted. Ongoing inspection & re-tensioning should be done in accordance with daily wheel/tyre inspection procedures. These inspection periods may vary depending on vehicle operating conditions.

RECOMMENDED TORQUE VALUES FOR TITAN AUSTRALIA AXLES

METRIC WHEEL STUDS		IMPERIAL WHEEL STUDS	
STUD SIZE	TORQUE	STUD SIZE	TORQUE
M12	73 ft.lbs (100 N.m)	7/16"	61 ft.lbs (83 N.m)
M14	122 ft.lbs (166 N.m)	1/2"	86 ft.lbs (117 N.m)
M16	173 ft.lbs (235 N.m)	9/16"	134 ft.lbs (182 N.m)
M18	253 ft.lbs (344 N.m)	5/8"	176 ft.lbs (239 N.m)
M20	372 ft.lbs (504 N.m)	3/4"	297 ft.lbs (404 N.m)
M22 Csk Nut	442 ft.lbs (600 N.m)	7/8"	482 ft.lbs (654 N.m)
M22 Cap/w Nut	425 ft.lbs (575 N.m)		
M24 Csk Nut	562 ft.lbs (762 N.m)		
M24 Cap/w Nut	540 ft.lbs (732 N.m)		

