

LC4 Torque Chart

Pressure In PSI	Torque			Pressure In Bars
	FT.LBS.	KGM	NM	
1500	617	86	836	104
1600	658	91	891	110
1800	739	103	1002	124
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2000	820	114	1112	138
2200	905	126	1226	152
2400	989	137	1341	165
2600	1074	149	1456	179
2800	1158	161	1570	193
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3000	1243	173	1685	207
3200	1329	185	1801	220
3400	1414	196	1917	234
3600	1500	208	2033	248
3800	1585	220	2149	262
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4000	1671	232	2265	276
4200	1758	244	2383	290
4400	1845	256	2502	303
4600	1933	268	2620	317
4800	2020	281	2738	331
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5000	2107	293	2856	345
5200	2193	305	2973	358
5400	2279	317	3090	372
5600	2366	329	3207	386
5800	2452	341	3324	400
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6000	2538	353	3441	414
6200	2625	365	3558	427
6400	2712	377	3676	441
6600	2799	389	3794	455
6800	2886	401	3912	468
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7000	2973	413	4030	482
7200	3061	425	4149	496
7400	3149	437	4268	510
7600	3236	449	4387	524
7800	3324	462	4506	538
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8000	3412	474	4625	552
8200	3500	486	4744	565
8400	3588	498	4863	579
8600	3675	510	4982	593
8800	3763	523	5101	607
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9000	3851	535	5220	620
9200	3939	547	5340	634
9400	4027	559	5460	648
9600	4116	572	5579	662
9800	4204	584	5699	676
10000	4292	596	5818	690

IMPORTANT SAFETY INSTRUCTIONS

WARNING: Your **HYTORC TORQUE MACHINE** is a power tool, and as with any power tool, certain safety precautions should be observed to avoid accidents or personal injury. The following tips will assist you.

- **READ ALL INSTRUCTIONS.**
- **KEEP WORK AREA CLEAN AND WELL LIT.**
- **CONSIDER WORK AREA ENVIRONMENT.** Electrical Pumps should never be used in an atmosphere which can be considered potentially volatile. If there is any doubt, use an air pump. Also Note: metal to metal contact can cause sparks, precautions should be taken.
- **AVOID PREMATURE TOOL STARTING.** The Pump Remote Control is for the **TOOL OPERATOR** only.
- **STAY CLEAR DURING OPERATION.** In most cases, the tool will allow “hands free” operation. If the tool must be held or steadied during operation, use alternative means of securing the tool to the application
- **GUARD AGAINST ELECTRIC SHOCK.** Ensure the pump is properly grounded and the proper voltage is being used.
- **STORE IDLE TOOLS.** When not in use, tool and accessories should be properly stored to avoid deterioration
- **USE RIGHT TOOL.** Don't force small tools or attachments to do the job of a larger tool. Don't use a tool for purposes not intended.
- **PROPER SAFETY ATTIRE.** When handling/operating hydraulic equipment use work gloves, hard hats, safety shoes and other applicable clothing.
- **USE SAFETY GLASSES.**
- **MOVING EQUIPMENT.** Do not use hydraulic hoses, uni-swivels, pump power or remote cords as means of moving the equipment.
- **MAINTAIN TOOLS WITH CARE.** For top performance, inspect tools, powerpack and accessories for visual damage frequently and always prior to use. Always follow instruction for proper tool and pump maintenance. Refer to the Operations Maintenance Section for further clarification
- **STAY ALERT.** Watch what you are doing. Use Common sense. Do not use power equipment under the influence of any mood altering substances.
- **PRIOR TO OPERATION**
Ensure that all hydraulic connections are securely connected and there is no leakage
Verify that the Hydraulic hoses are not kinked or otherwise damaged.
Ensure the square drive and its retainer are fully and securely engaged.
Be certain that all connectors, elbows, fitting and swivels are not bent, loose or damaged.
- **PRIOR TO USE.**
Check sockets for size, quality and flaws. (Do not use if questionable)
Cycle tool to ensure proper function.
Locate a solid, secure reaction point.
Be sure the reaction arm retaining clamp is fully engaged.
Be sure the hydraulic hoses are free of the reaction point.
Pressurize the system momentarily; if the tool tends to “ride up” or to “creep”, stop and re-adjust the reaction arm to a more solid and secure position.

NOTE: Remain clear of the reaction arm during operation and never put body parts between reaction arm and reaction surfaces.

- **ALWAYS USE QUALITY ACCESSORIES.** Always use top quality impact sockets in good condition which are the correct size and fully engage the nut. Hidden flaws, however, remain a possibility which could cause breakage, so stay clear of sockets during operation
- **DO NOT USE** other equipment to enhance performance (Hammer on Socket/Tool)

NOTE: Hytorc Pumps are designed to operate Hytorc Tools only. Damage may occur to the pump or the product that is being operated due to misuse.

SAVE THESE INSTRUCTIONS FOR FUTURE USE!