

RT-50

PRESSURE/TORQUE CONVERSION CHART

PRESSURE IN PSI	FT. LBS.	KGM	NM	PRESSURE IN BAR
1500	7875	1089	10675	104
1600	8400	1162	11387	110
1800	9450	1307	12810	124
2000	10500	1452	14234	138
2200	11550	1597	15657	152
2400	12600	1743	17081	165
2600	13650	1888	18504	179
2800	14700	2033	19927	193
3000	15750	2178	21351	207
3200	16800	2323	22774	220
3400	17850	2469	24197	234
3600	18900	2614	25621	248
3800	19950	2759	27044	262
4000	21000	2904	28468	276
4200	22050	3050	29891	290
4400	23100	3195	31314	303
4600	24150	3340	32738	317
4800	25200	3485	34161	331
5000	26250	3630	35585	345
5200	27300	3776	37008	358
5400	28350	3921	38431	372
5600	29400	4066	39855	386
5800	30450	4211	41278	400
6000	31500	4356	42701	414
6200	32550	4502	44125	427
6400	33600	4647	45548	441
6600	34650	4792	46972	455
6800	35700	4937	48395	468
7000	36750	5083	49818	482
7200	37800	5228	51242	496
7400	38850	5373	52665	510
7600	39900	5518	54088	524
7800	40950	5663	55512	538
8000	42000	5809	56935	552
8200	43050	5954	58359	565
8400	44100	6099	59782	579
8600	45150	6244	61205	593
8800	46200	6389	62629	607
9000	47250	6535	64052	620
9200	48300	6680	65475	634
9400	49350	6825	66899	648
9600	50400	6970	68322	662
9800	51450	7116	69746	676
10000	52500	7261	71169	690

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RAPID-TORC is an International Corporation, based in Houston, TX and Brussels, Belgium. Leader in the Bolting market, the company designs, manufactures and distributes high quality hydraulic torque wrenches, bolt tensioners and induction heating systems and delivers value-added technical services to customers worldwide.

QUICK SETUP

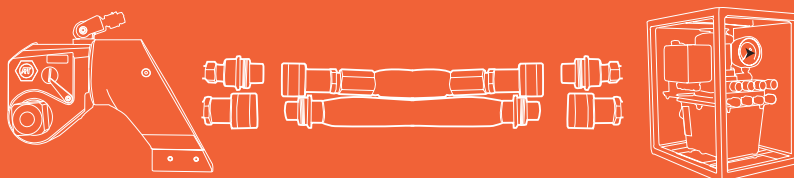
1

Connect your socket to your square drive. **ALWAYS** use the safety connector pin and the safety ring for added safety.



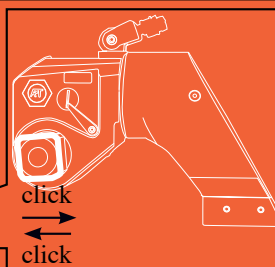
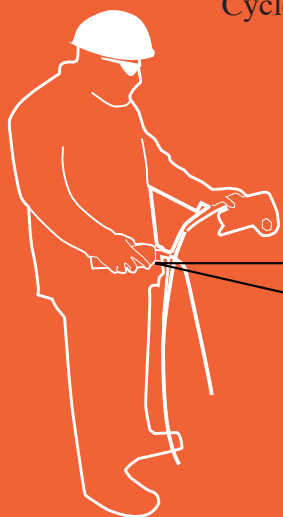
2

Make sure your hoses are free of any defects. Connect hose to the corresponding couplers on the pump and tool.



3

Cycle the tool.



Press
ON.
Click.
Release.
Click.

4

NOTE: Easy to remember tool position for tightening and listening.

Tightening.



Loosening.

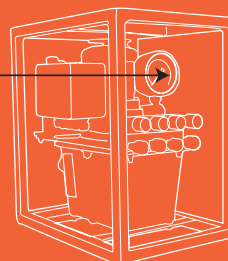


5

Use the pressure/torque conversion chart to set the psi for the torque value you need.

NOTE: Only use the chart that corresponds to the tool you are using.

Torque (ft-lb)	Torque (in-lb)	Pressure (psi)
10	120	100
20	240	200
30	360	300
40	480	400
50	600	500
60	720	600
70	840	700
80	960	800
90	1080	900
100	1200	1000
110	1320	1100
120	1440	1200
130	1560	1300
140	1680	1400
150	1800	1500
160	1920	1600
170	2040	1700
180	2160	1800
190	2280	1900
200	2400	2000
210	2520	2100
220	2640	2200
230	2760	2300
240	2880	2400
250	3000	2500
260	3120	2600
270	3240	2700
280	3360	2800
290	3480	2900
300	3600	3000
310	3720	3100
320	3840	3200
330	3960	3300
340	4080	3400
350	4200	3500
360	4320	3600
370	4440	3700
380	4560	3800
390	4680	3900
400	4800	4000
410	4920	4100
420	5040	4200
430	5160	4300
440	5280	4400
450	5400	4500
460	5520	4600
470	5640	4700
480	5760	4800
490	5880	4900
500	6000	5000
510	6120	5100
520	6240	5200
530	6360	5300
540	6480	5400
550	6600	5500
560	6720	5600
570	6840	5700
580	6960	5800
590	7080	5900
600	7200	6000
610	7320	6100
620	7440	6200
630	7560	6300
640	7680	6400
650	7800	6500
660	7920	6600
670	8040	6700
680	8160	6800
690	8280	6900
700	8400	7000
710	8520	7100
720	8640	7200
730	8760	7300
740	8880	7400
750	9000	7500
760	9120	7600
770	9240	7700
780	9360	7800
790	9480	7900
800	9600	8000
810	9720	8100
820	9840	8200
830	9960	8300
840	10080	8400
850	10200	8500
860	10320	8600
870	10440	8700
880	10560	8800
890	10680	8900
900	10800	9000
910	10920	9100
920	11040	9200
930	11160	9300
940	11280	9400
950	11400	9500
960	11520	9600
970	11640	9700
980	11760	9800
990	11880	9900
1000	12000	10000



Turn the T-handle to the right to set the pressure.

WARNING:

NEVER PLACE HANDS NEAR ACTION OR REACTION POINTS.

ALWAYS WEAR HARD HAT, SAFETY GLOVES, GOGGLES, STEELTOE BOOTS AND EARPLUGS
THE PUMP AND THE TOOL SHOULD BE OPERATED BY THE SAME PERSON.