CONVERSION TABLES

Foot pounds (ft-1b)	Kilogram meters (Kgm or mKg)	Newton meters (Nm)	Newton meters (Nm)	Kilogram meters (Kgm or mKg)	Foot pounds (ft-1b)	Kilogram meters (Kgm or mKg)	Newton meters (Nm)	Foot pounds (ft-1b)
5	0.69	6.78	5	0.51	3.69	1	9.81	7.23
10	1.38	13.56	10	1.02	7.38	2	19.61	14.47
15	2.07	20.34	15	1.53	11.06	3	29.42	21.70
20	2.76	27.12	20	2.04	14.75	4	39.23	28.93
25	3.46	33.90	25	2.55	18.44	5	49.03	36.17
30	4.15	40.68	30	3.06	22.13	6	58.84	43.40
35	4.84	47.46	35	3.57	25.81	7	68.65	50.63
40	5.53	54.24	40	4.08	29.50	8	78.45	57.86
45	6.22	61.02	45	4.59	33.19	9	88.26	65.10
50	6.91	67.80	50	5.10	36.88	10	98.07	72.33
55	7.60	74.58	55	5.61	40.57	11	107.87	79.56
60	8.29	81.36	60	6.12	44.26	12	117.68	86.80
65	8.98	88.14	65	6.63	47.94	13	127.49	94.03
70	9.67	94.92	70	7.14	51.63	14	137.29	101.26
75	10.37	101.70	75	7.65	55.32	15	147.10	108.50
80	11.06	108.48	80	8.16	59.01	16	156.91	115.73
90	12.44	122.04	85	8.67	62.69	17	166.71	122.96
100	13.82	135.60	90	9.18	66.38	18	176.52	130.20
110	15.20	149.16	95	9.69	70.07	19	186.33	137.43
120	16.58	162.72	100	10.20	73.76	20	196.13	144.66
130	17.97	176.28	105	10.71	77.44	21	205.94	151.89
140	19.35	189.84	110	11.22	81.14	22	215.75	159.13
150	20.73	203.40	120	12.24	88.51	23	225.55	166.36
175	24.19	237.70	130	13.26	95.89	24	235.36	173.60
200	27.64	271.20	140	14.28	103.26	25	245.17	180.83
225	31.09	305.10	150	15.30	110.64	26	254.97	188.06
250	34.54	339	160	16.32	118.02	27	264.78	195.29
275	38.02	372.85	170	17.34	125.39	28	274.59	202.52
300	41.47	406.75	180	18.36	132.77	29	284.39	209.77
350	48.39	474.54	190	19.38	140.14	30	294.20	217.00
400	55.30	542.33	200	20.40	147.52	31	304.01	224.22
450	62.21	610.12	210	21.42	154.90	32	313.81	231.46
500	69.13	677.91	225	22.94	165.95	33	323.62	238.69
550	76.04	745.70	250	25.50	184.40	34	333.43	245.92
600	82.95	813.49	275	28.04	202.83	35	343.23	253.16
650	89.86	881.28	300	30.60	221.29	36	353.04	260.39
700	94.78	949.07	325	33.14	239.71	37	362.85	267.62
750	103.69	1016.86	350	35.70	258.30	38	372.65	274.85
800	110.60	1084.66	375	38.24	276.59	39	382.46	282.09
850	117.51	1152.45	400	40.80	295.20	40	392.27	289.32
900	124.43	1220.24	450	45.89	331.90	45	441.30	325.49
950	131.34	1288.03	500	50.98	368.78	50	490.33	361.65
1000	138.25	1355.82	550	56.08	405.66	55	539.37	397.82
			600	61.18	442.54	60	588.40	433.98
			650	66.28	479.41	65	637.43	470.15
			700	71.38	516.29	70	686.47	506.31
			750	76.48	553.17	75	735.50	542.48
			800	81.58	590.05	80	784.53	578.64
			850	86.68	626.93	85	833.57	614.81
			900	91.78	663.80	90	882.60	650.97
			950	96.87	700.68	95	931.63	687.14
			1000	101.97	737.56	100	980.67	723.30

CONVERSION FORMULAS

1 cmKg =13.883 in-oz
1 cmKg =0.08677 in-1b
1 mKg =7.233 ft-1b
1 Kpcm =1 cmKg
1 dNm =0.0553 in-oz
1 Nm =8.8507 in-1b
1 Nm =0.73756 ft-1b
1 Kpm =1mKg
1 mKg =9.80665 Nm

Purchased at: Date:

① ADJUSTMENT OF TORQUE SETTING

TORQUE SETTING STEPS :

A.Balance wrench in one hand with graduations visible.

B.Set a desired torque setting by turning the knurled handle (SUB GRADUATION) while grasping the wrench tube to read exact torque setting on the wrench tube graduations.
Example:76 ft.lbs.

1.Turn the knurled handle until the zero graduation on the beveled edge of the knurled handle is lined up with the vertical mark on the tube, and is even with the 70ft. 1bs. graduation.

2.Turn the knurled handle clockwise until the 6 graduation on the beveled edge of the knurled handle is in line with the vertical line on the tube.

3.The wrench is now set at 76 ft.1bs. torque and is ready to use See Figs. 1 and 2.

C.When setting for Kg meters. use same procedures as setting for ft.1bs.

D.Install the proper socket or attachment to the square drive before applying to a nut or bolt and drive the nut or bolt by rotating the wrench until you feel and/or hear wrench click. Release the wrench from the nut or bolt. which is automatically reset for next operation.

DO NOT CONTINUE TO DRIVE THE NUT OR BOLT AFTER THE WRENCH CLICKS. USE SPECIAL CARE AT LOW TORQUE SETTINGS BY DRIVING THE NUT OR BOLT SLOWLY.

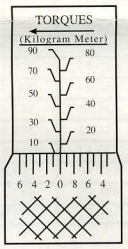

FIG.1

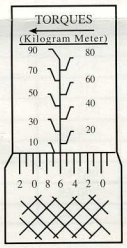

FIG.2

CAUTION :

1.If wrench has not been used or has been in storage for some time, operate it several times at a low torque setting which permits a special internal lubricant to re-coat internal working parts.

2. When wrench is not in use, keep adjustment at lowest torque setting.

3.Do not turn handle below lowest torque setting.

4.Do not continue rotating the wrench after pre-set torque has been reached, i.e. the wrench has clicked. Pressure must be taken off from the handle and the wrench will be allowed to automatically reset itself. Continuing to apply pressure after the wrench has clicked, will result in damage to the part being torqued by applying more than the specified amount of torque.

5.Tool is rugged and designed for shop use, but is also a precision measuring instrument and should be treated as such.

6.Clean wrench by wiping. Do not immerse it in any type of cleaner which may affect the special high pressure lube with which the wrench is packed at the factory.

7.Recalibration of torque wrenches may periodically necessary with normal use. This helps assure accurate readings and properly applied torque. Ratchet mechanism should be cleaned and lubricated periodically with light grade oil to help ensure safe performance. Do not exceed torque capacity of wrench. Use of torque wrenches to break fasteners loose may cause overload.

※ Your torque wrench was calibrated and tested before leaving the factory and is guaranteed to meet or exceed Federal Specifications GGG-W-00686Cand have an accuracy of ±4%. Because your torque wrench is a precision measuring instrument, it should be serviced only where skilled men and special tools and equipment are available.