BlueSpot® Tools

LIFE TIME GUARANTEE

1/4" TORQUE WRENCH

User Manual

02011

General Information

Thank you for purchasing a Blue Spot Tools product, you can find further information on our range at **www.BlueSpot.uk.com**. Please ensure that you are using the product correctly and that all guidance and cautions are followed in accordance with the instructions. Please retain these instructions for future reference.

Safe use

Please make sure that you read these instructions carefully in order to avoid injury when using the tool. Follow all health and safety rules and regulations. If in doubt and available please contact a more knowledgeable source.

DO NOT use if damaged.

- If tool is damaged do not use as this may cause damage to property or injury
- As with all vehicle testing and maintenance please use appropriate fixing such as axel stands or wheel chocks
- Maintain tool in good and clean condition for best and safest performance.
- Keep the work area clean, uncluttered and ensure there is adequate lighting.
- Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- Keep children and unauthorised persons away from the work area.
- Always dress appropriately and wear the correct PPE such as goggles and a dust mask if required

Always store the torque wrench in the lowest torque setting

Refer to vehicle manual and contact manufacturer if unsure. These instructions are intended as a guide only.

Introduction and Specification

Stock code: 02011

Drive: ¼"

Length: 280mm

Range: 2-24NM

How to use

1. Hold the torque wrench in a comfortable position so that the scale is visible.
2. Loosen the knurled locking screw at the end of the handle by turning it anti-clockwise.
3. Adjust the torque wrench to the desired setting by twisting the handle clockwise to the desired torque level.

   Example: 8Nm.
4. Figure 1 shows the torque wrench set to 8Nm. When the torque wrench has been correctly set it can be used.

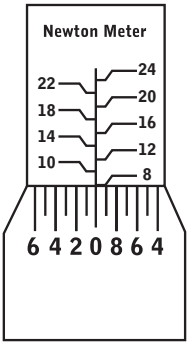

fig. 1

5. Turn the knurled locking screw at the base of the handle to lock the torque wrench.
6. Once you begin tightening the fixing you are working on you will feel the tension give within the torque wrench when the desired torque has been met. Please note that there is not a clickable noise when the desired torque has been met.

NOTE: Once the fixing is torqued to the desired load do not overload the wrench after the clicks otherwise this can damage the wrench.

Remember to store the torque wrench at its lowest setting by turning the handle anti-clockwise this will stop the spring from being overstretched and the wrench becoming inaccurate.

It is advisable to store the wrench in the case that it comes in along with the instructions and the calibration certificate should you require them at a later date.

If you are using the wrench for the first time after a long period of inactivity it is advisable to operate it on a low setting multiple times in order to coat the internal parts with grease.

Further Care Instructions

Clean the wrench only by using a clean and dry cloth and do not immerse the wrench into any cleaning liquid as this will damage the function of the tool.

Foot Pounds (Ft.Lbs)	Kilogram Meters (Kgm or mkp)	Newton Meters (Nm)	Newton Meters (Nm)	Foot Pounds (Ft.Lbs)	Kilogram Meters (Kgm or mkp)	Kilogram Meters (Kgm or mkp)	Newton Meters (Nm)	Foot Pounds (Ft.Lbs)
5	0.69	6.78	10	7.38	1.02	1	9.81	7.23
10	1.38	13.56	20	14.75	2.04	2	19.61	14.47
15	2.07	20.34	30	22.13	3.06	3	29.42	21.70
20	2.76	27.12	40	29.50	4.08	4	39.23	28.93
25	3.46	33.90	50	36.88	5.10	5	49.04	36.17
30	4.15	40.68	60	44.26	6.12	6	58.84	43.40
35	4.84	47.46	70	51.63	7.14	7	68.65	47.87
40	5.53	54.24	80	59.01	8.16	8	78.46	50.63
45	6.22	61.02	90	66.38	9.18	9	88.26	65.10
50	6.91	67.80	100	73.80	10.20	10	98.07	72.33
55	7.60	74.58	110	81.14	11.22	11	107.88	79.57
60	8.29	81.36	120	88.51	12.24	12	117.68	86.80
65	8.98	88.14	130	95.89	13.26	13	127.49	94.03
70	9.67	94.92	140	103.26	14.28	14	137.30	101.27
75	10.37	101.70	150	110.64	15.30	15	147.11	108.50
80	11.06	108.48	160	118.02	16.32	16	156.91	115.74
85	11.75	115.26	170	125.39	17.34	17	166.72	122.97
90	12.44	122.04	180	132.77	18.36	18	176.53	130.20
95	13.13	128.82	190	140.14	19.38	19	186.33	137.43
100	13.82	135.60	200	147.52	20.40	20	196.14	144.67
105	14.51	142.38	210	154.90	21.42	21	205.95	151.90
110	15.20	149.16	220	162.27	22.44	22	215.75	159.13
115	15.89	155.94	230	169.65	23.46	23	225.37	166.37
120	16.58	162.72	240	177.02	24.48	24	235.37	173.60
125	17.28	169.50	250	184.40	25.50	25	245.18	180.84
130	17.97	176.28	260	191.78	26.52	26	254.98	188.08
135	18.66	183.06	270	199.15	27.54	27	264.79	195.30
140	19.35	189.84	280	206.53	28.56	28	274.60	202.54
145	20.04	196.62	290	213.91	29.58	29	284.41	209.77
150	20.73	203.40	300	221.29	30.60	30	294.22	217.00
155	21.42	210.18	310	228.67	31.62	31	304.03	224.23
160	22.11	216.96	320	236.05	32.64	32	313.84	231.46
165	22.80	223.74	330	243.43	33.66	33	323.65	238.69
170	23.49	230.52	340	250.81	34.68	34	333.46	245.92
175	24.19	237.70	350	258.30	35.70	35	343.35	253.05
180	24.88	244.08	360	265.68	36.72	36	353.16	260.28
185	25.57	250.86	370	273.06	37.74	37	362.97	267.51
190	26.26	257.64	380	280.44	38.76	38	372.78	274.74
195	26.95	264.42	390	287.82	39.78	39	382.59	281.97
200	27.64	271.20	400	295.20	40.80	40	392.40	289.20
205	28.33	277.98	410	302.58	41.82	41	402.21	296.43
210	29.02	284.76						
215	29.71	291.54						
220	30.40	289.32						
225	31.09	305.10						
230	31.78	311.88						
235	32.47	318.66						
240	33.16	325.44						
245	33.85	332.22						
250	34.54	339.00						
260	35.88	352.56						
270	37.26	366.12						
280	38.64	379.68						
290	40.02	393.24						
300	41.40	406.80						

Conversion Formulas

1 CMKG=13.887 IN-OZ
1 CMKG=0.867 IN-LB
1 MKG=7.233 FT-LB
1 KPCM=1CMKG
1CMKG=0.98Nm

1 dNM=14.16 IN-OZ
1 Nm=8.8507 IN-LB
1 Nm=0.73756 FT-LB
1KPM=1MKG
1MKG=9.80665 Nm

Find out more about the Blue Spot Tools® Lifetime Guarantee at **www.BlueSpot.uk.com**

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