

BlueSpot[®]



1/2" TORQUE WRENCH & 3/8" TORQUE WRENCH

User Manual



02005 / 02007

General Information

Thank you for purchasing a BlueSpot 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 axle 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: 02005

Stock code: 02007

Drive: 1/2"

Drive: 3/8"

Length: 470mm

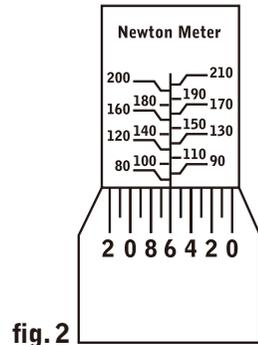
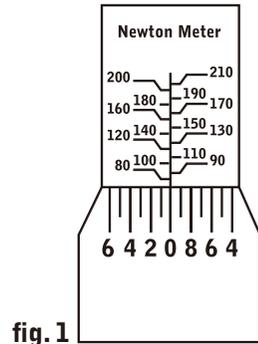
Length: 370mm

Range: 40-210NM

Range: 19-110NM

How to use

1. Hold the 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 wrench to the desired setting by twisting the handle clockwise to the desired torque level.
Example: 76 Nm.
4. Turn the grip of the wrench until the top edge is in line with the marked scale on the wrench shaft.
5. The edge of the grip should be even with the 70 Nm graduation. (fig.1)
6. Turn the grip of the wrench so that the 6 on the scale of the grip is lined up with the marking on the wrench shaft (fig.2)
7. This wrench is now set to 76Nm and can be used.
8. Turn the knurled locking screw at the base of the handle to lock the wrench
9. Once you begin tightening the fixing you are working on you will hear and feel the wrench click once the desired torque is 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	225.57	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	237.30	350	258.19	35.70	35	343.25	253.05
180	24.88	244.08	360	265.58	36.72	36	353.06	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	298.32						
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 dNm=14.16 IN-OZ
1 CMKG=0.867 IN-LB	1 Nm=8.8507 IN-LB
1 MKG=7.233 FT-LB	1 Nm=0.73756 FT-LB
1 KPCM=1 CMKG	1 KPM=1 MKG
1 CMKG=0.98Nm	1 MKG=9.80665 Nm

Find out more about the Bluespot® Lifetime Guarantee at www.bluespot.uk.com

Tel: 0800 093 0115. Email: sales@bluespot.uk.com

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