INSTRUCTIONS FOR

Micrometer Adjustment Torque Wrenches

Stock Nos.58130, 58138, 58139, 58140 & 64673
Part Nos.EPTW5-22, EPTW30-100, EPTW50-180, EPTW70-230 & EPTW120-400

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY TO ENSURE THE SAFE AND EFFECTIVE USE OF THIS PRODUCT.

CE

GENERAL INFORMATION

This manual has been compiled by Draper Tools and is an integrated part of the product with which it is enclosed and should be kept with it for future references.

This manual describes the purpose for which the product has been designed and contains all the necessary information to ensure its correct and safe use. We recommend that this manual is read before any operation or, before performing any kind of adjustment to the product and prior to any maintenance tasks. By following all the general safety instructions contained in this manual, it will ensure both product and operator safety, together with longer life of the product itself.

All photographs and drawings in this manual are supplied by Draper Tools to help illustrate the operation of the product.

Whilst every effort has been made to ensure accuracy of information contained in this manual, the Draper Tools policy of continuous improvement determines the right to make modifications without prior warning.

SPECIFICATION

The Draper Tools policy of continuous improvement determines the right to change specification without notice.

Stock No.	58130	58138	58139	58140	64673
Part No.	EPTW5-22	EPTW30-100	EPTW50-180	EPTW70-230	EPTW120-400
Drive size	3/8"	3/8"	1/2"	1/2"	3/4"

Manufactured and calibrated to ISO 6789-1992-12-01 Standards.

GENERAL INSTRUCTIONS

IMPORTANT:

1. Always use the correct size and type socket for the fastening.
2. Apply a steady pull to the handle of the torque wrench. When the applied torque is reached, this will be indicated by the following:
   A. Audible click:
      Note: The click will be quieter at lower torque settings.
   B. Touch:
      The handle will be felt to "break away" at the point of the set torque.
   C. Visually:
      The handle will be seen to "break away" at the point of the set torque.

WARNING:

1. Never continue to pull on the torque wrench once the set torque is reached, as this will result in an incorrect torque being applied and possible damage to part.
2. On the initial use of the torque wrench or after an external period of storage, operate it several times at a low torque setting to allow the internal lubrication to recoat the working parts.
3. When the torque wrench is not in use, ensure adjustment is on the lowest torque setting.
4. Do not turn adjustment below lowest torque setting.
5. Never use the torque wrench to loosen off any fasteners, as this will affect the calibration settings.
6. This tool is designed for workshop use, but is also a precision measuring instrument and should be treated accordingly.
7. Clean the wrench by wiping with a suitable cloth. Do not immerse the wrench in any type of cleaner which will affect the internal lubrication.
8. Under no circumstances should any attempt be made to adjust or repair the torque wrench. A full repair and calibration service is available on request. A charge will be advised accordingly.

SETTING THE TORQUE WRENCH

NOTE:
This torque wrench is designed to torque in both directions.

1. Depending on the orientation on the bolt thread, press in the locating pin (A) and rotate the ratchet head for the desired direction of torque (Fig.1). Ensure the head 'clicks' into place.
2. Unlock the handle by turning locking lever (B) anti-clockwise (Fig.2).
3. Turn the knurled part of the handle (C) clockwise the required amount of increments until the correct setting is achieved. If, in error, the setting is passed, turn the handle anti-clockwise back past the setting, then turn it clockwise again until the setting is reached (Fig.3).
4. Lock the handle by turning locking lever (B) clockwise (Fig.2).
5. When the torque wrench is not in use, ensure the adjustment is set to the lowest torque setting.

FIG.1

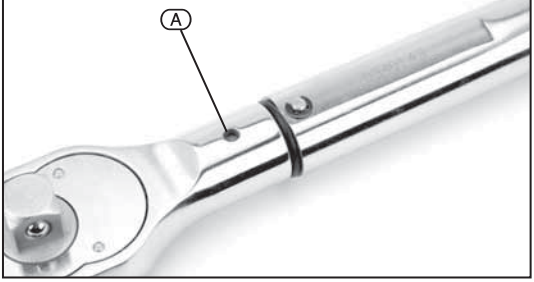

FIG.2

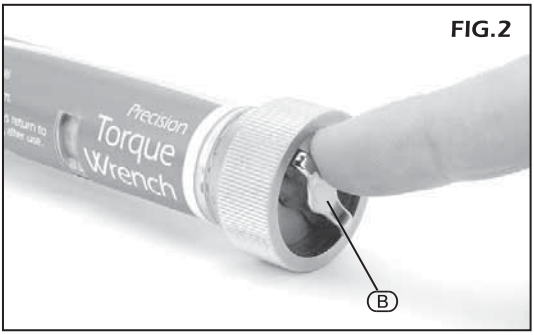

FIG.3

CONVERSION CHART

	mN/m millinewton-metre	cN/m centinewton-metre	N/m newton-metre	daN/m decanewton-metre	cm/kg centimetre-kg	m/kg metre-kg	in-oz inch-ounce	in-lb inch-pound	ft-lb foot-pound
1mN/m	1	0.1	0.001	0.0001	0.0102	0.000102	0.1416	0.00885	0.000738
1cN/m	10	1	0.01	0.001	0.102	0.00102	1.416	0.0885	0.00738
1N/m	1000	100	1	0.1	10.2	0.102	141.6	8.85	0.738
1daN/m	10000	1000	10	1	102	1.02	1416	88.5	7.38
1cm/kg	98	9.8	0.098	0.0098	1	0.01	13.9	0.868	0.0723
1m/kg	9810	981	9.81	0.98	100	1	1390	86.8	7.23
lin-oz	7.06	0.706	0.00706	0.0007	0.072	0.00072	1	0.063	0.0052
lin-lb	112.9	11.29	0.1129	0.01129	1.152	0.0115	16	1	0.083
lft-lb	1355	35	1.355	0.1135	13.8	0.138	192	12	1

Never use the torque wrench to loosen bolts, nuts or fasteners, as this will affect the calibration settings.

If the torque wrench fails to function correctly for any of the following reasons, return the torque wrench to your local Draper Tools stockist.

1. The ratchet fails to function.
2. The handle lock fails to function.
3. The handle lock lever comes loose.
4. No audible click.
5. Handle does not break at the set torque.
6. Out of calibration.

Always refer to the vehicle manufacturer's literature, workshop manual or Haynes manual for recommended torque settings and if applicable for the sequence in which the fixings should be tightened.

NOTES

NOTES

NOTES

CONTACTS

- **DRAPER TOOLS LIMITED,**
  Hursley Road,
  Chandler's Ford,
  Eastleigh,
  Hampshire.
  SO53 1YF. U.K.

- **Helpline:** (023) 8049 4344.
- **Sales Desk:** (023) 8049 4333.
- **General Enquiries:** (023) 8026 6355.
- **Fax:** (023) 8026 0784
- **Internet:** www.draper.co.uk
- **E-mail:** sales@drapertools.com

YOUR DRAPER STOCKIST

OAJW 120207