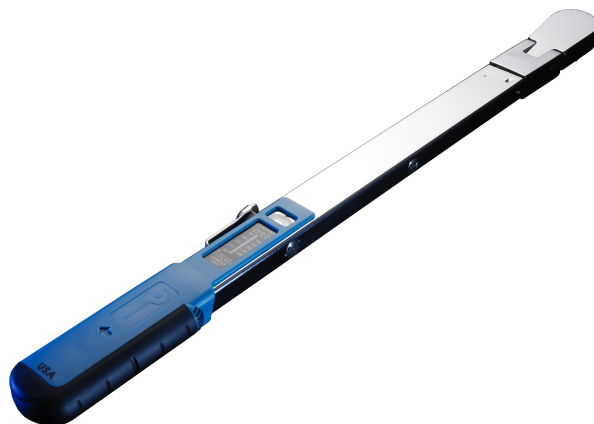




Split-beam Click Torque Wrench User Manual



Models covered by this manual

Model	Sq. Dr.	Range	Increment
C2xx14M	3/8"	2.2-14 kg.m.	1 kg.m.
C2xx50F	3/8"	10-50 lb.ft.	1 lb.ft.
C2xx68N	3/8"	14-68 N.m.	2 N.m.
C2xx100F	3/8"	20-100 lb.ft.	2 lb.ft.
C2xx130N	3/8"	25-135 N.m.	5 N.m.
C3xx34M	1/2"	7-34 kg.m.	1 kg.m.
C3xx250F	1/2"	40-250 lb.ft.	5 lb.ft.
C3xx350N	1/2"	60-350 N.m.	5 N.m.
C4D80M *	3/4"	26-80 kg.m.	10 kg.m.
C4D400F *	3/4"	130-400 lb.ft.	10 lb.ft.
C4D600F *	3/4"	200-600 lb.ft.	10 lb.ft.
C4D800N *	3/4"	160-800 N.m.	20 N.m.

* These models also available with 1" square drive (i.e. "C5...")

The above wrenches are accurate to within 4% of the setting from 20% of full scale to full scale. **

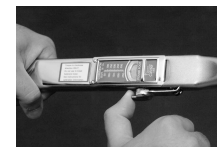
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Instructions for Use

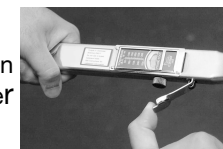
1. Follow the guide to the right to unlock, set, and lock the tool for use.
2. For C4 & C5 models, see instructions on page four for instructions on proper orientation and assembly of the tool.
3. Make sure that the socket is fully seated on the square drive.
4. Apply torque to the fastener in a controlled and gradually increasing manner to maximize the accuracy of the tool. Do not "snap torque."
5. The tool will produce an audible "click" signal when the tool reaches the set torque. You will also feel a slight impulse in the handle as the torque mechanism releases.
6. Reset the tool by completely releasing the torque from the tool. The tool cannot be used again until the torque is completely released!
7. When finished using the tool, be sure to store it in a dry environment. Subjecting the tool to adverse environmental conditions can cause corrosion that may be detrimental to the tool's performance.

Safety Warnings and Precautions

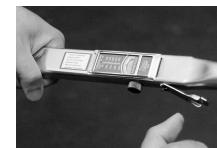
- Do not exceed the rated capacity of the wrench, doing so can damage the wrench or cause injury to you or bystanders.
- Always wear safety glasses when using the tool. During use the tool can generate tremendous forces that can cause the forceful ejection of debris from the workpiece in the case of wrench or workpiece failure.
- Ratchets, sockets, and fasteners can fail unexpectedly during the application of torque. Always make sure to position yourself, your hands, and workpieces to ensure that you will not hurt yourself or someone else in the case of an accidental failure of a component. Do not "lean into" the tool when applying torque since a failure can result in you losing your balance and falling into the workpiece.



Hold the wrench by the ratchet end in your left hand



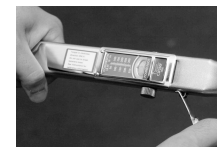
Use your thumb to open the lock lever



The lock lever will spring open against the handle



Use your right hand to adjust torque setting in the window



Close lock lever with right index finger



The lock lever will spring closed against the adjustment knob

- Make sure the fastener is securely seated in the socket and that the socket is securely seated on the torque wrench's square drive before applying torque.
- On flex-head models, do not force the ratchet past the stops of the clevis head. Doing so can damage the ratchet and cause failure.
- Torque wrenches require periodic calibration to ensure proper performance and accuracy. Inquire with your Precision Instruments representative about calibration options.
- Do not use the tool to pry, break tight fasteners loose, or in any other way that is not an intended use.
- Pay special attention to the condition of the ratchet. Ratchets that are worn and slip or skip teeth can cause injury during use.

PRECISION INSTRUMENTS CALIBRATION COMPLIANCE CERTIFICATE

We certify that the torque instrument listed on this certificate was manufactured and calibrated on the date indicated. The torque instrument accuracy is within the stated accuracy at any graduation within the top 80% of capacity. All applicable test standards and test equipment used on this certification conform to the requirements of MIL STD 45662A and ANSI/NCSL Z540-1-1994 with accuracy being traceable to National Institute of Standards and Technology (NIST). This torque wrench instrument complies to all applicable requirements of:

ANSI/ASME B107.14M-2004, GGG-W-0068C,
BS6073:1988, ISO 6789.

