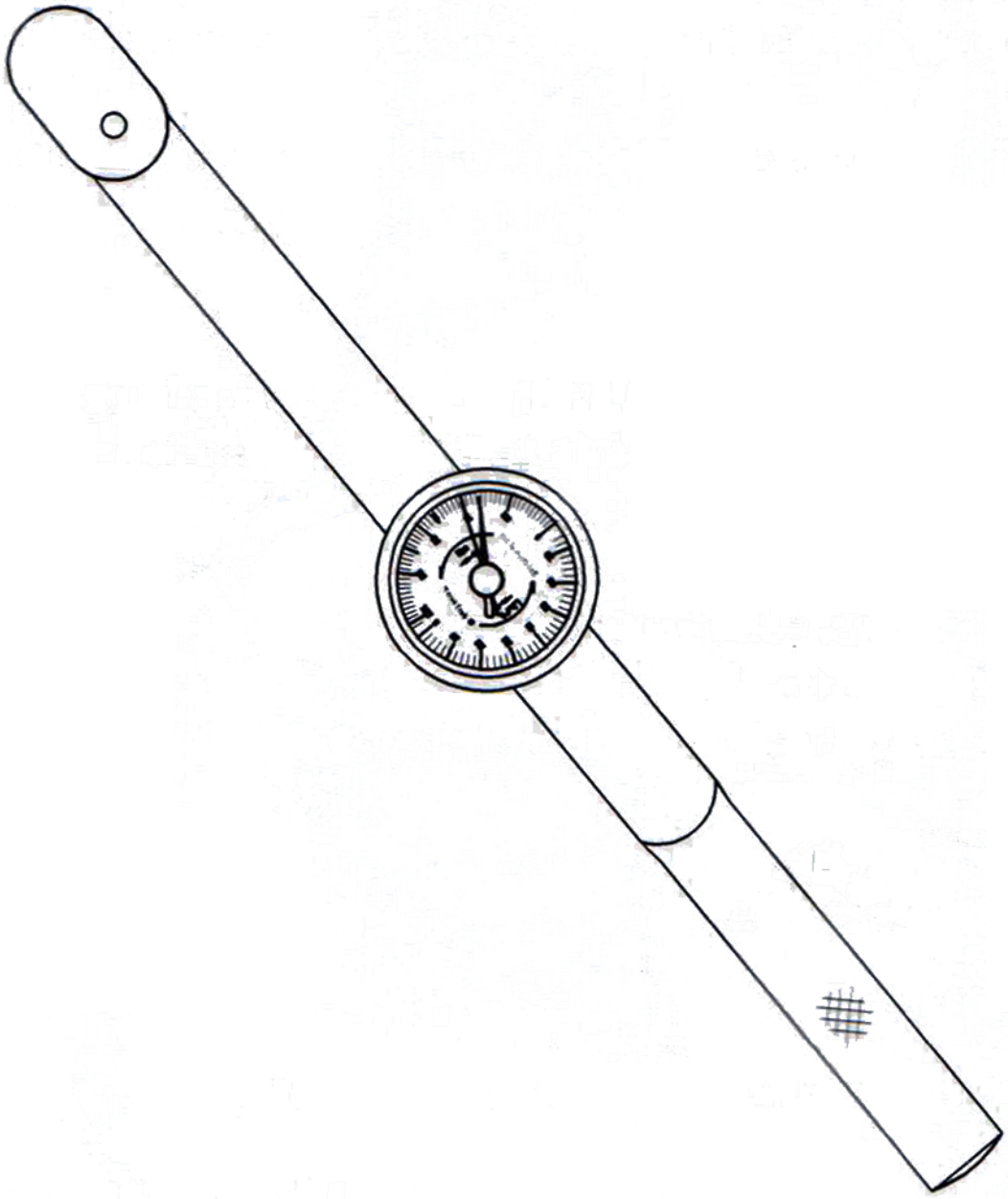
NovaTork®

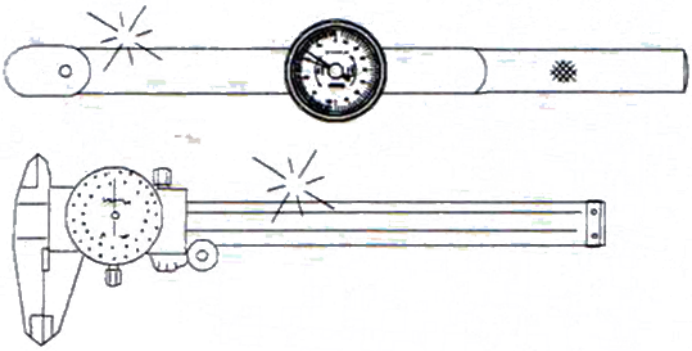
Dial Torque Wrench Instruction



UB Manufacturing Company, Ltd.

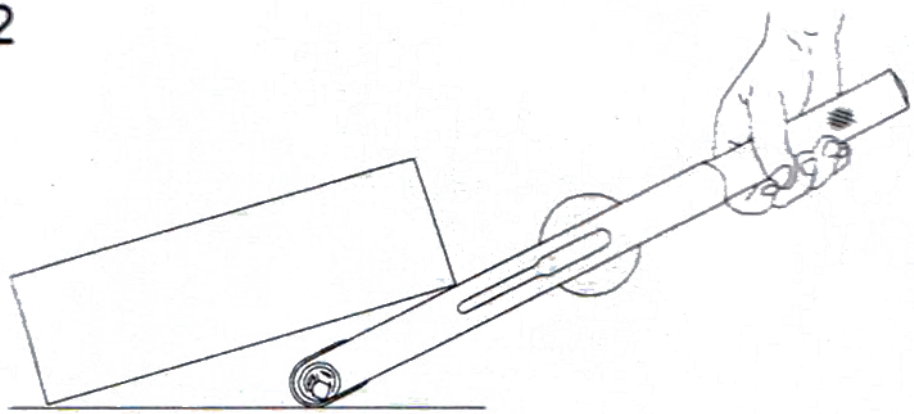
READ BEFORE USE

1



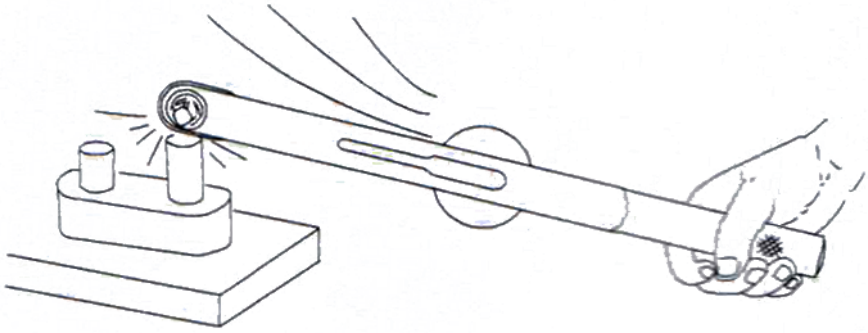
✓

2



X

3



X

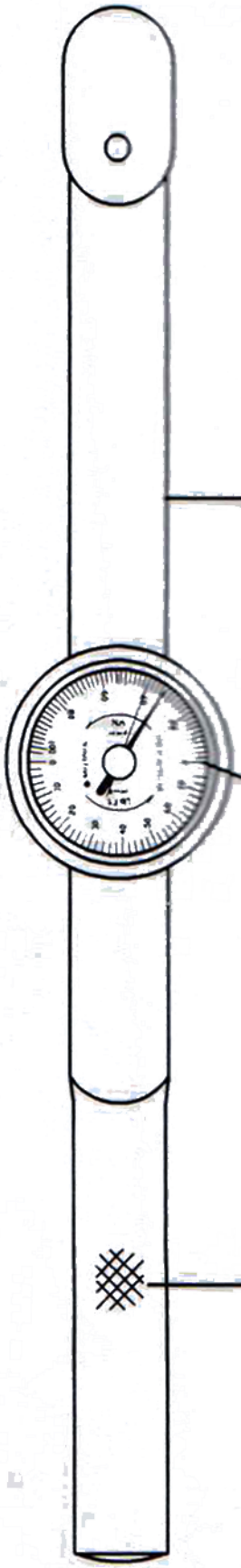
1. This torque wrench is a precision instrument intended to be used only to tighten screws, bolts and nuts to a desired torque.

2. Do not use it as a "nut breaker", pry bar, or in lieu of a regular ratchet wrench.

3. Apply load to the grip only, and do not use any handle extension bars. You may support the wrench at the ratchet head with the other hand to steady it, especially when using long socket extensions, without appreciably affecting the accuracy of the wrench. If, due to the required effort, you need to use both hands,it is best to put the other hand on the top of the first hand, but you may also put the the hand on other portion of the grip.

4. Do not disassemble the wrench for any reason.

5. The wrench should be re-calibrated periodically. The calibration of the wrench should be checked at least once a year, after any abnormal handling or overloading, or after 5,000 cycles ("clicks").



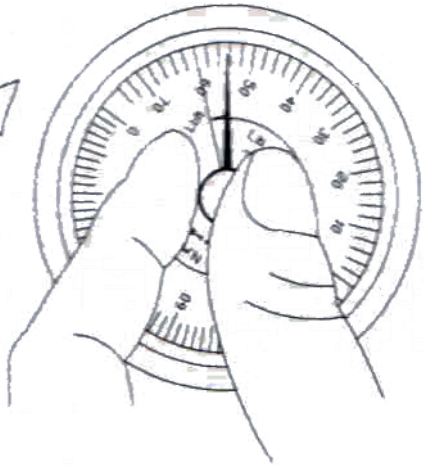
Hardened alloy steel housing

EASY TO READ DUAL SCALES:
Metric Unit N.m
English Unit Lb.ft or Lb.in

Knurled Grip To Hold Close

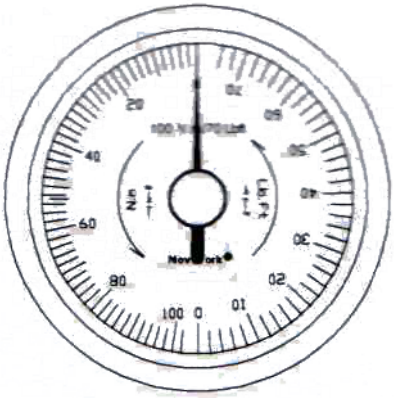
Operation Instruction

1



Rotate memory needle

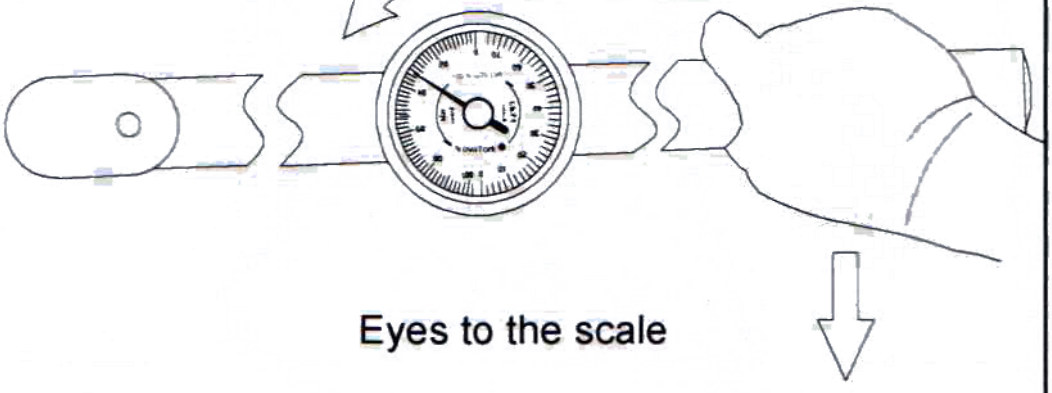
2



Memory needle points to "0"

3

Red pointer needle will push memory needle



Eyes to the scale

1. Turn the dial bezel so the zero graduation(either metric or English, depending on scale you are using) is just to the left of the red pointer.

2. Rotate the memory needle knob in the clockwise direction until the memory needle stops at the the red pointer.

2.If necessary, adjust the dial bezel until the memory needle points to "0" on the scale.

3.Apply torque in the clockwise direction.The red pointer needle will push the memory needle as torque is applied.Stop applying torque when memory needle reached the desired value.

4.When the pointer needle return to "0", the memory needle will stay at the maximum torque applied.

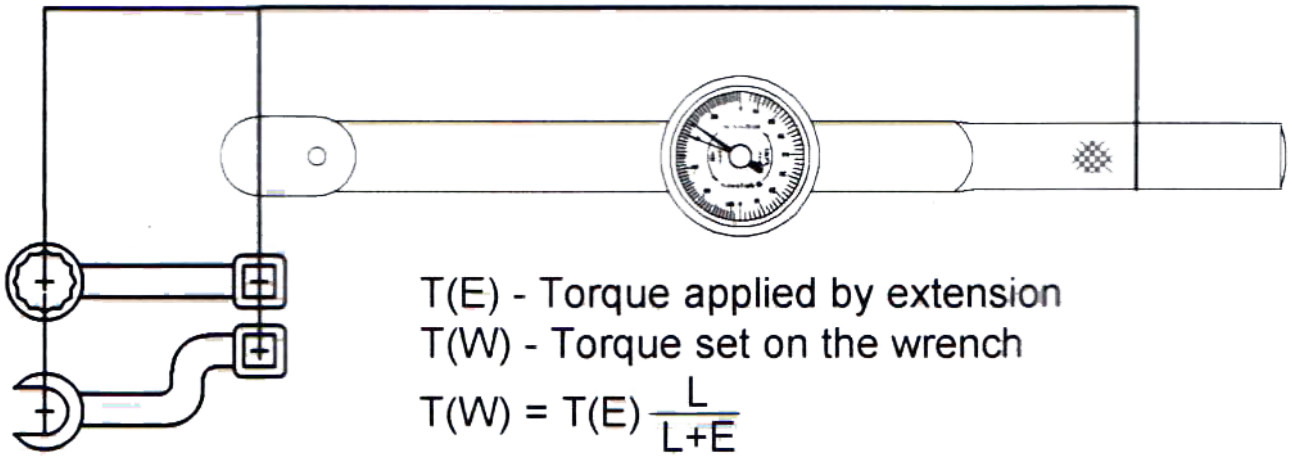
5. Return the memory needle to "0".

SAFETY WARNING

Overtorqued or defective fasteners, sockets, as well as the wrench itself, may suddenly break causing you to lose balance, fall, or to suffer other trauma. Be sure that you have firm footing, are properly balanced, and if necessary are using appropriate harness, back support, or other safety device.

USE OF EXTENSIONS

Attachments and non-standard heads will cause the applied torque to be different from the set torque. Consequently, when using them, the set torque must be adjusted in accordance with the following formula.



T(E) - Torque applied by extension
T(W) - Torque set on the wrench

$$T(W) = T(E)\frac{L}{L+E}$$

MAINTENANCE

1.Do not immerse, or let the wrench to be splashed with liquids, especially oils and solvents. To clean the wrench, use glass cleaner or denatured alcohol applied with a clean cloth.

2.When not in use, store the wrench in the provided case

3. There are no user-serviceable parts. Do not disassemble the torque wrench for any reason.

Calibration Compliance

This torque wrench is certified to have been calibrated prior to shipment to the accuracy of +/- 4% at 20%-100% of full scale in the clockwise direction.