CERTIFICATION

This torque screwdriver as calibrated at the factory, is certified to meet the accuracy in specifications: ASME B107.14-2004 and ISO 6789:2003.
Additionally all torque screwdrivers are calibrated on a torque standard traceable to the National Institute of Standards Technology (N.I.S.T.).
For clockwise use only. Accuracy ±6% of indicated value.

CONVERSION TABLE

To convert from	To	Multiply by
lb.in.	oz.in	16
lb.in.	lb.ft.	.08333
lb.in.	kg.cm.	1.1519
lb.in.	kg.m.	.011519
lb.in.	N.m.	.113
lb.in.	dN.m.	1.13
lb.ft.	kg.m.	.1382
lb.ft.	N.m.	1.356
N.m.	dN.m.	10
N.m.	kg.cm.	10.2
N.m.	kg.m.	.102
oz.in.	lb.in.	.0625
lb.ft.	lb.in.	12
kg.cm.	lb.in.	.8681
kg.m.	lb.in.	86.81
N.m.	lb.in.	8.85
dN.m.	lb.in.	.885
kg.m.	lb.ft.	7.236
N.m.	lb.ft.	.7376
dN.m.	N.m.	.10
kg.cm.	N.m.	.09807
kg.m.	N.m.	9.807

FOR YOUR PERMANENT FILE

WRENCH
MODEL
NUMBER _____
SERIAL
NUMBER _____

Snap-on Tools
Crystal Lake Repair
3011 East Route 176
Crystal Lake, IL 60014
Phone: (815) 479-6850
Fax: (815) 479-6857

FORM 20-275-S.O.
06/08 REV. A

QDRIVER™ OPERATION MANUAL

MICROMETER ADJUSTABLE TORQUE SCREWDRIVER

THE CHOICE OF PROFESSIONALS THROUGHOUT THE WORLD FOR ACCURACY, DURABILITY AND CALIBRATION RELIABILITY.

SAFETY MESSAGES

WARNING

Read operation manual completely before using torque instrument and store for future reference.

Wear safety goggles-both user and bystanders

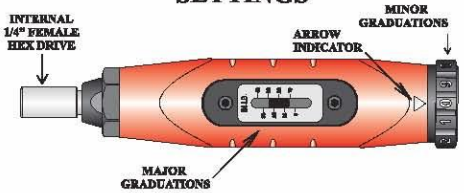
- An out of calibration torque wrench can cause part or tool breakage
- Periodic re-calibration is necessary to maintain accuracy
- Do not exceed rated torque as overtorquing can cause wrench or part failure
- Do not use torque instrument to break fasteners loose

- Do not use cheater extension on the handle to apply torque
- Broken or slipping tools can cause injury

MAINTENANCE / SERVICE

1. The torque screwdrivers internal mechanism is permanently lubricated during assembly. **Do not attempt to lubricate the internal mechanism.**
2. Clean torque screwdriver by wiping. **Do not immerse.**
3. Store torque screwdriver in protective case at its lowest torque setting. **Do not force handle below lowest setting.**

ADJUSTMENTS OF TORQUE SETTINGS



1. To unlock adjusting knob hold body of screwdriver and firmly pull knob to rear. (See Figure IV)
2. Set screwdriver to desired torque as follows: **EXAMPLE - 22 in. lb.**
3. Turn adjusting knob clockwise until the major graduation line is aligned with the **20** on scale (See Figure I) and arrow indicator on screwdriver body is in line to "0" graduation on the adjusting knob.
4. Turn adjusting knob two increments clockwise. Screwdriver is now set at **22** in. lb. (See Figure II)
5. To lock adjusting knob, push towards the drive until it clicks into the lock position. (See Figure III)
6. Excercise the wrench several times prior to torquing fastener. (in a vise or in a non-critical fastener)
7. To torque fastener, keep hand centered on the screwdriver grip. Turn screwdriver clockwise until a click/impulse is heard or felt. The screwdriver will automatically reset for the next operation.

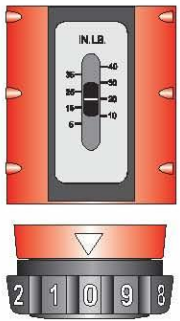


Figure I

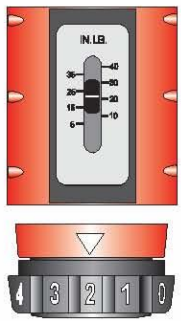


Figure II

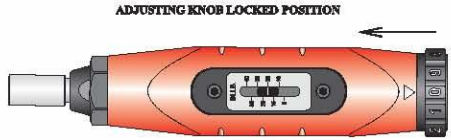


Figure III

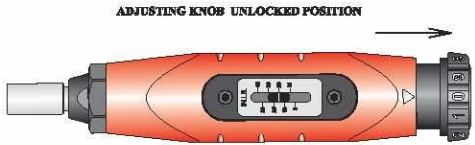


Figure IV