CERTIFICATION

This torque wrench as calibrated at the factory, is certified to meet the accuracy in specifications: ASME B107.14M-1994 and ISO 6789. Additionally all wrenches are calibrated on a torque standard traceable to the National Institute of Standards Technology (N.I.S.T.).

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 _____

CDI TORQUE PRODUCTS

19220 San Jose Avenue
City of Industry, California 91748-1497
PHONE (626) 965-0668 or (800) 525-6319
FAX (626 965-2410 or (626) 810-2759
WEB SITE: www.cditorque.com

FORM 20-270A-CDI
3/01 REV. A

OPERATION MANUAL

JOIN THE PROFESSIONALS WITH YOUR NEW

PRESET TORQUE SCREWDRIVER

CDI TORQUE PRODUCTS

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

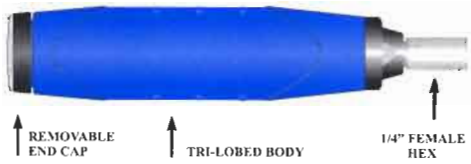
- An out of calibration torque screwdriver can cause part or tool breakage
- Periodic re-calibration is necessary to maintain accuracy
- Do not exceed rated torque specifications as overtorquing can cause screwdriver or part failure

- Broken or slipping tools can cause injury

MAINTENANCE / SERVICE

1. The torque screwdriver's internal mechanism is permanently lubricated during assembly. **Do not attempt to lubricate the internal mechanism.**
2. Clean torque screwdriver by wiping. **Do not immerse..**

ADJUSTMENTS OF TORQUE SETTINGS



To set screwdriver to desired torque:

1. Determine proper torque to be applied to the fastener.
2. Use a certified torque tester that is accurate within a range suited to screwdriver torque range.
3. Remove end cap at the base of screwdriver. See (FIGURE I)

FIGURE I

4. Place screwdriver on tester and cycle several times observing the torque setting displayed on the tester.
5. With a 1/8" hex key adjust the set screw at the base of the preset torque screwdriver. Turn clockwise (cw) to increase the amount of torque and counter-clockwise (ccw) to decrease the amount of torque.
6. Adjust until the desired torque setting is reached. Turn the screwdriver several more times on the tester and fine tune the setting to as repeatable a number as possible. Replace end cap.
7. Install the proper bit into the hex receiver and the screwdriver is ready to use.
8. To torque fastener, keep hand centered on the handle. Turn handle until a click/impulse is heard or felt. Stop turning, the screwdriver will automatically reset for the next operation.

USE PERPENDICULAR IN LINE WITH FASTENER

SIDE LOADING NOTE:
WHEN APPLYING TORQUE THE SCREWDRIVER MUST BE KEPT PERPENDICULAR TO THE PLANE OF USE (EITHER HORIZONTAL OR VERTICAL). INACCURACIES IN TORQUE READINGS MAY OCCUR FROM APPLYING A "SIDE LOAD".