

## CERTIFICATION

This torque wrench as calibrated at the factory, is certified to meet the current ASME specification. Additionally, all wrenches are calibrated on a torque standard traceable to the National Institute of Standards and Technology (N.I.S.T.).

## CONVERSION TABLE

To Convert From	To	Multiply By
in. oz.	in. lb.	0.06250
in. lb.	in. oz.	16
in. lb.	ft. lb.	0.08333
in. lb.	cmkg	1.15212
in. lb.	mkg	0.01152
in. lb.	Nm	0.11298
in. lb.	dNm	1.12984
ft. lb.	in. lb.	12
ft. lb.	mkg	0.13825
ft. lb.	Nm	1.35581
dNm	in. lb.	0.88507
dNm	Nm	0.1
Nm	dNm	10
Nm	cmkg	10.1971
Nm	mkg	0.10197
Nm	in. lb.	8.85074
Nm	ft. lb.	0.73756
cmkg	in. lb.	0.86796
cmkg	Nm	0.09806
mkg	in. lb.	86.7961
mkg	ft. lb.	7.23301
mkg	Nm	9.80665

## FOR YOUR PERMANENT FILE

SCREWDRIVER MODEL NUMBER:

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SCREWDRIVER SERIAL NUMBER:

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For Warranty Claims, Contact CDI Torque Products  
at (626) 965-0668.

### LIMITED WARRANTY

The CDI Micro-Adjustable Torque Screwdriver is backed by a one year warranty. This warranty covers manufacturer defects and workmanship. The warranty excludes misuse, abuse and normal wear and tear. Exclusion is not allowed in some states and may not apply. This warranty gives you specific legal rights, and you may have other rights, which vary from state to state.



Please Recycle

### IMPORTANT ENVIRONMENTAL NOTES:

1. This equipment may contain hazardous materials which can be harmful to the environment.
  2. Do not dispose of this equipment as municipal waste. Return it to the distributor or a designated collection center.
- Thank you for caring about our environment!

# CDI TORQUE PRODUCTS

*A Snap-on Specialty Tools Brand*

19220 SAN JOSE AVENUE • CITY OF INDUSTRY, CA 91748 • USA  
(626) 965-0668

Find other fine torque products at [WWW.CDITORQUE.COM](http://WWW.CDITORQUE.COM)

Form 20-275-CDI  
6/2010 Rev. B

## OPERATION MANUAL

### MICRO-ADJUSTABLE TORQUE SCREWDRIVER



# CDI TORQUE PRODUCTS

## 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 as overtorquing can cause screwdriver 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.



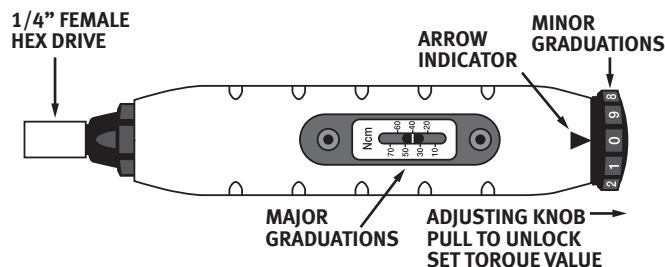
### CAUTION - RATCHET HEAD

Ratchet mechanism may slip or break if dirty, mismatched or worn parts are used, or direction lever is not fully engaged. Ratchets that slip or break 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's by wiping. **Do not immerse.**
3. Store torque screwdriver's in protective tube at its lowest torque setting. **Do not force handle below lowest setting.**

## ADJUSTMENTS OF TORQUE SETTINGS



A. To unlock adjusting knob hold body of screwdriver and firmly pull knob to rear. (See Figure IV)

B. Set screwdriver to desired torque as follows:  
**EXAMPLE -22 Ncm.**

1. 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.
2. Turn adjusting knob two increments clockwise. Screwdriver is now set at **22 Ncm.** (See Figure II)

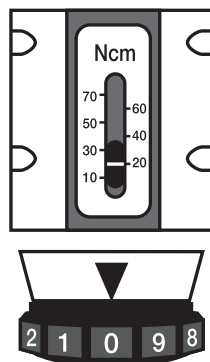


Figure I

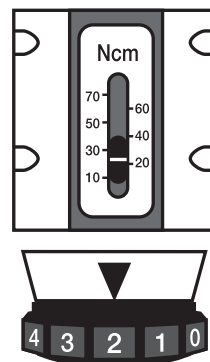


Figure II

3. To lock adjusting knob, push towards the drive until it clicks into the lock position. (See Figure III)
4. 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.

### ADJUSTING KNOB LOCKED POSITION

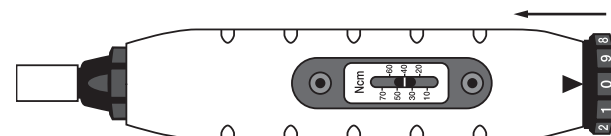


Figure III

### ADJUSTING KNOB UNLOCKED POSITION

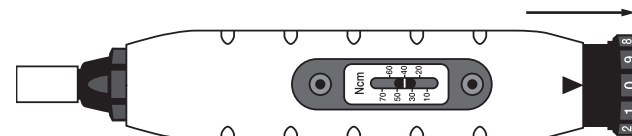


Figure IV