

## 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 Pre-Set 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 20-270A-CDI  
6/2010 Rev. C

## OPERATION MANUAL

### PRE-SET 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.



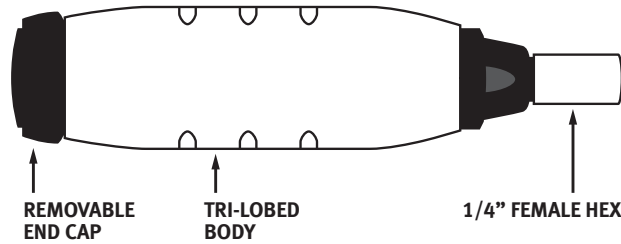
### CAUTION - RATCHET HEAD

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



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)

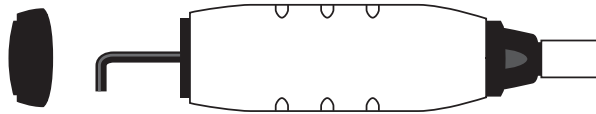


Figure I

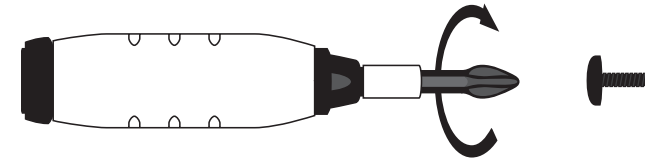
4. Place screwdriver on tester and cycle several times observing the torque setting displayed on the tester.
5. With a 1/8" hex key adjust the set screw at the base of the preset torque screwdriver. Turn clockwise (cw) to increase the amount of torque and counterclockwise (ccw) to decrease the amount 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 INLINE 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".**