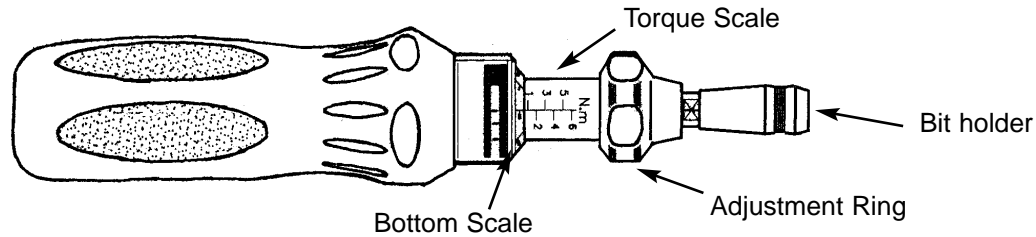


Ergo Micro Torque (Externally Adjustable) Screwdriver Operating Instructions

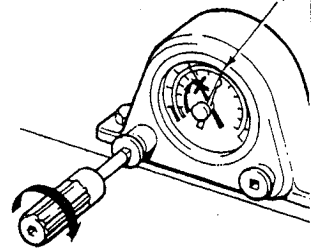
Rev 3.0 (May 19, 2011)



Calibrating Torque Screwdrivers

To calibrate torque screwdrivers either use a torque tester or torque sensor within the range of the torque screwdriver. For torque screwdrivers calibrate torque in "Peak" mode with a torque tester or torque sensor. Make sure to apply the torque slowly and smoothly.

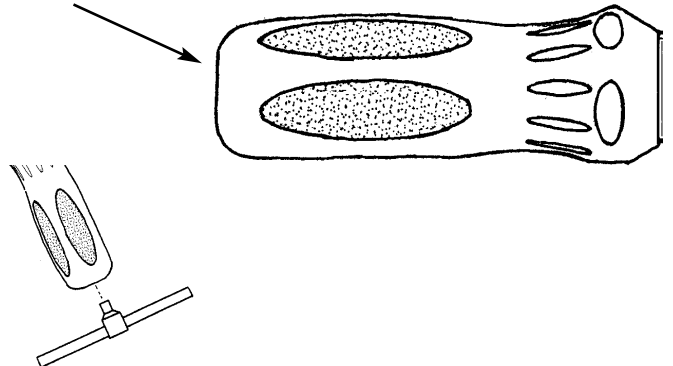
1. Select a torque tester or torque sensor that covers the torque range of the EMT screwdriver. Connect screwdriver to the torque tester or torque sensor using the appropriate adapters as needed.
2. Apply torque clockwise slowly until screwdriver 'slips' and note reading.
3. Adjust screwdriver to required torque setting as described below.
4. Test and repeat adjustment as necessary to obtain desired value.
5. Recalibrate torque screwdriver at prescribed intervals.



Adjusting Torque Setting (During Calibration)

1. Insert hex key into hole located at end of rubber grip. (Note do-not attempt to remove rubber grip from the tool).
2. Turn hex key clockwise to increase torque and counter clockwise to decrease torque. Do not adjust torque above or below the recommended torque ranges.
3. Seal End Hole with Black RTV Sealant.

Insert hex key

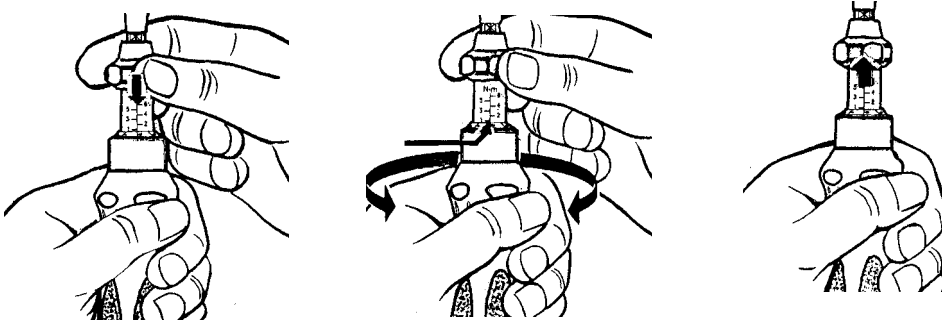


EMT 6, 9, 50 & 80 models are supplied with a T-Bar

1. Snap T-Bar into the slot located in the grip.

Setting and Applying Torque

1. Set desired torque on the scale. Pull down on the "Adjustment Ring" and turn handle clockwise to increase torque and counter clockwise to decrease torque on the scale. Align the desired torque value on the micrometer scale. Release "Adjustment Ring."
2. Tighten nut or bolt by applying steady twists. Screwdriver should be kept at 90 degrees to axis of bolt during tightening. When pre-set torque is reached, the screwdriver will 'slip.'
3. The screwdriver will automatically reset itself for the next application.
4. With its unique cam-over design, it's impossible to over tighten beyond the preset load.



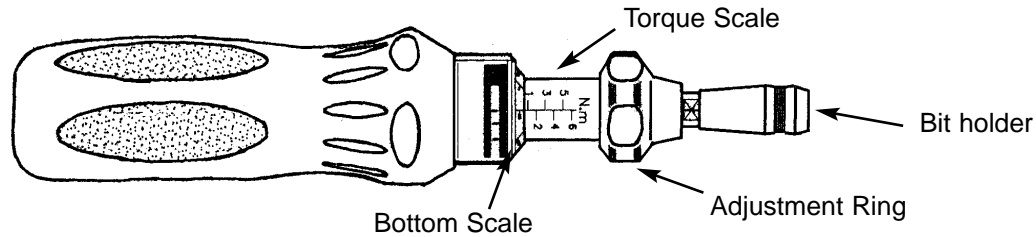
Contact
Mountz Inc.
Phone: 408.292.2214
Fax: 408.292.2733
sales@mountztorque.com
www.mountztorque.com

Looking for fasteners?
www.mrmetric.com



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Tool Lubrication

It is recommended the tool is re-lubricated after 3 years or 15000 cycle whichever comes first.

Lubrication is as follows

Total Nevasance SFG-2 grease is used on the ball housings

Multis EP2 is used on the handle threads

3 in 1 oil is used on the bearing assembly between the main ball and the spring

Testing & Servicing

In order to maintain accuracy, it is crucial that torque control measuring equipment be calibrated regularly.

We recommend a general once a year calibration interval. However, it is the user's organization that must determine suitable intervals based upon equipment performance, application, degree of usage and management objectives.

For calibration, re-adjustment or repairs, please send the tool to one of our 3 service locations.

Service

Mountz Inc. features an experienced calibration and repair staff. Our trained technicians can calibrate and repair most any tool. Mountz provides rapid service with quality that you can trust as we offer three state-of-the-art calibration lab and repair facilities that can calibrate up to 20,000 lbf.ft.

With over 45 years of experience, Mountz's in-depth knowledge of torque is reflected in our tool's craftsmanship and our ability to provide solutions to both common and uncommon torque applications. We perform calibrations in accordance with ANSI/NCSSL-Z540. Mountz is dedicated solely to the manufacturing, marketing and servicing of high quality torque tools.

Tool Service & Repair Capability

Torque Wrenches: Click, Dial, Beam, Cam-Over & Break-Over

Torque Screwdrivers: Dial, Micrometer, Preset & Adjustable

Torque Analyzers/Sensors: All brands

Electric Screwdrivers: All brands

Air Tools: All brands

Impact Wrenches, Drills, Pulse Tools, Grinders, Percussive Tools,
Air Screwdrivers, Nutrunners, DC Controlled Nutrunners

Torque Multipliers: All brands

Mountz Service Locations

Eastern Service Center

19051 Underwood Rd.
Foley, AL 36535
Phone: (251) 943-4125
Fax: (251) 943-4979

Western Service Center

1080 N.11th Street
San Jose, CA 95112
Phone: (408) 292-2214
Fax: (408) 292-2733

Mexico Service Center

Mountz Mexico SA de CV Chihuahua
Av. Cristobal Colon #15343
Col. Paseos de Chihuahua
Chihuahua, Chih. Mexico CP 31125
Phone: (614) 481-0023
Fax: (614) 481-0053

www.mountztorque.com.com

Download a "Service Form" and include a copy
when you send the tools in to be serviced.