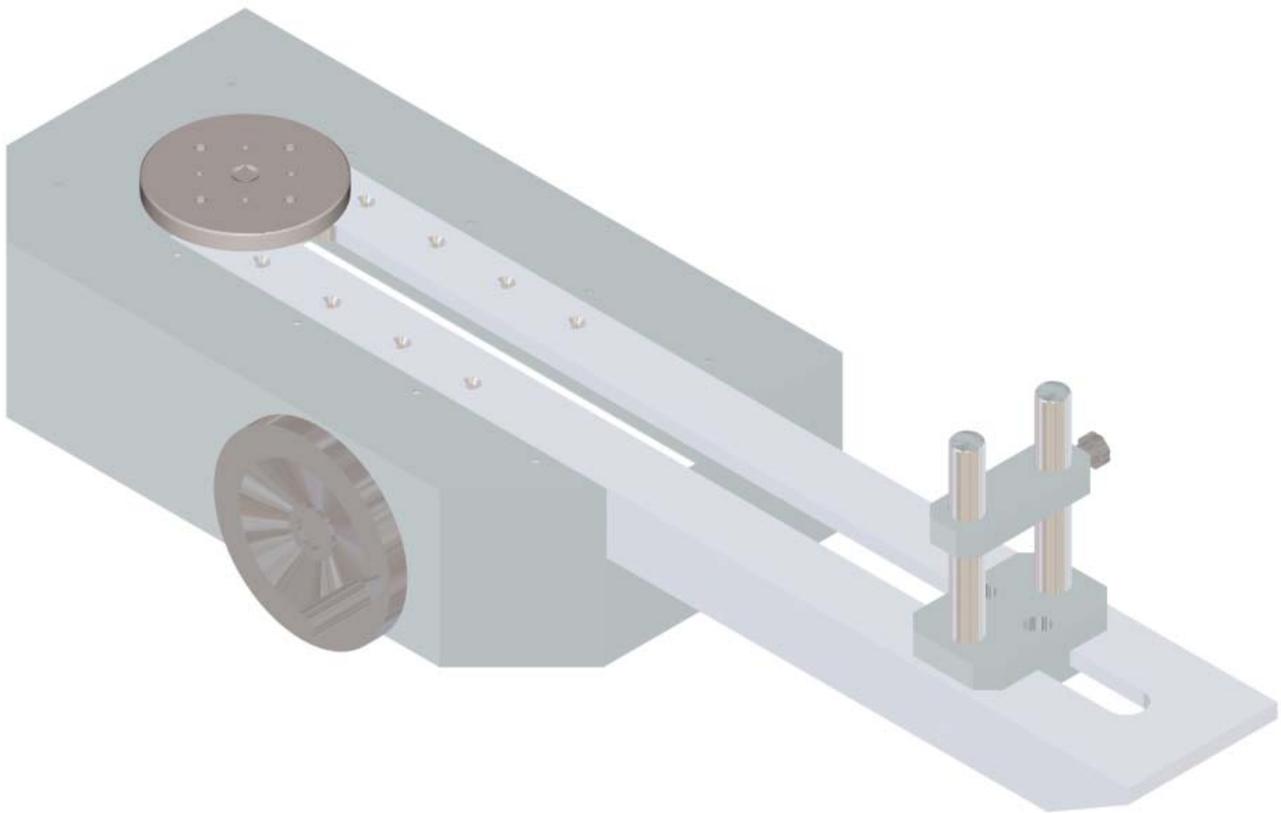


Loading Bench Operation Instructions

Rev 3.2 (3/22/2017)

For LB250F, LB750F & LB2000F



Specifications

Torque Range:

LB250F (Max Torque Capacity 250 lbf.ft)

LB750F (Max Torque Capacity 750 lbf.ft)

LB2000F (Max Torque Capacity 2000 lbf.ft)

Turn-Table

Base hole pattern for Mountz products

BMX (Bench Mounted Sensor)

LB250F

Reaction Position

- Horizontally: 4" to 28" from the center of the turn-table

- Vertically: 1" to 4" from the turn-table base

Full rotation: Ratio (1:360)

Bench top Mounting holes (see fig A on page 3)

Weight of the LB250F is 53 lbs.

LB750F

Reaction Position

- Horizontally: 4.87" to 41.25" from the center of the turn-table

- Vertically: 1.87" to 5.4" from the turn-table base

Ratio (1:663)

Bench top Mounting holes (see fig A on page 4)

Weight of the LB750F is 130 lbs.

LB2000F

Reaction Position

- Horizontally: 4.87" to 75.5" from the center of the turn-table

- Vertically: 1.87" to 5.4" from the turn-table base

Ratio (1:663)

Bench top Mounting holes (see fig A on page 5)

Weight of the LB2000F is 160 lbs.

Mounting LB250F

We recommend fastening the loader on a bench top before operating. Use 3/8" bolts (the bolt length will depend on your bench top thickness). The LB250 is simple to use. Place the tool that you want to calibrate on the transducer connected to the LB250 (see figure C) and simply turn the hand wheel.

Fig. A

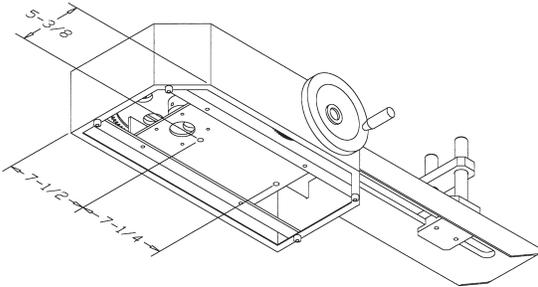


Fig. B

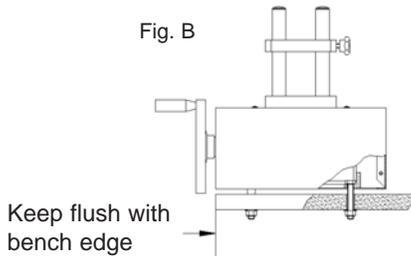
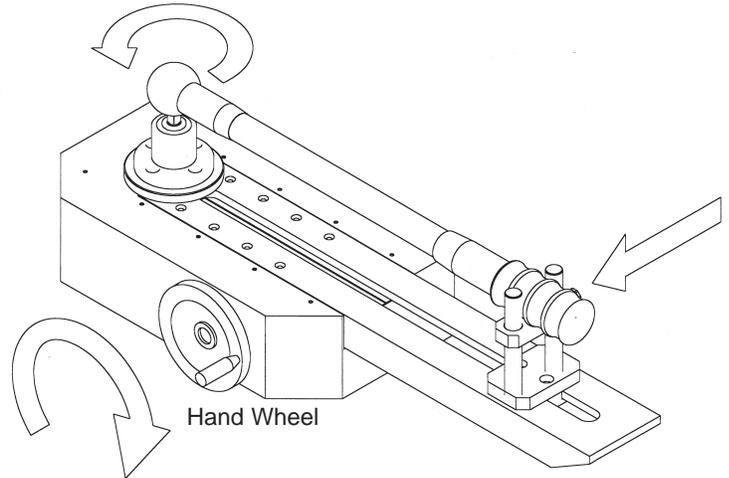
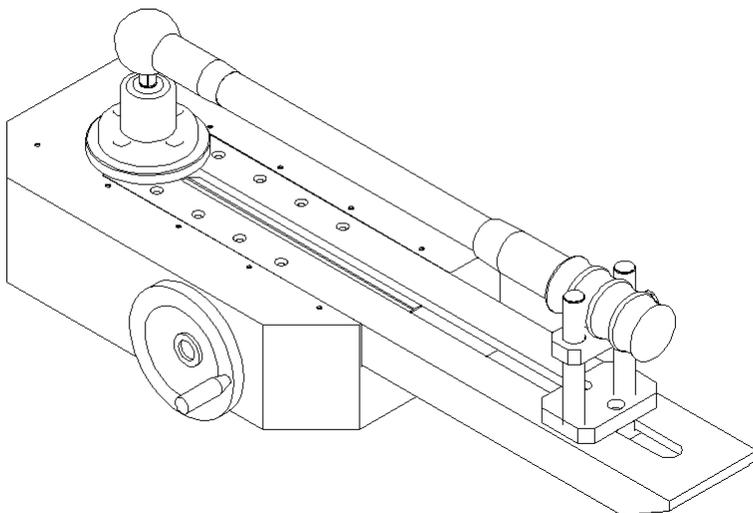


Fig. C



Application

Fig. C



This is a typical torque wrench calibration application.

Note: custom accessories for special applications can be made upon request. We strongly recommend not to modify the unit yourself.

Mounting LB750F

We recommend fastening the loader on a bench top before operating. Use 5/16" or M8 bolts (the bolt length will depend on your bench top thickness). The LB750 is simple to use. Place the tool that you want to calibrate on the transducer connected to the LB750 (see figure C) and simply turn the hand wheel.

Fig. A

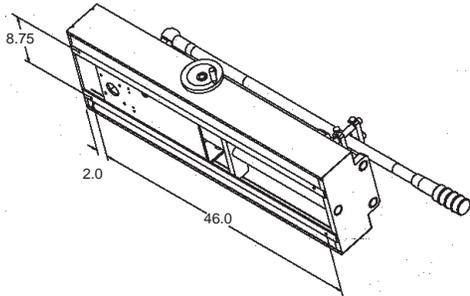


Fig. B

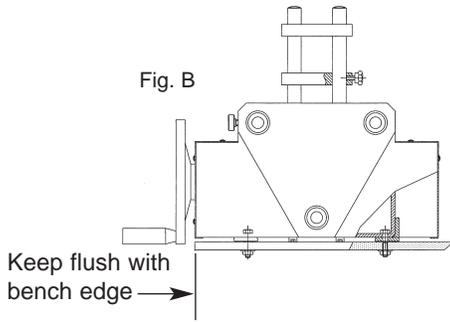
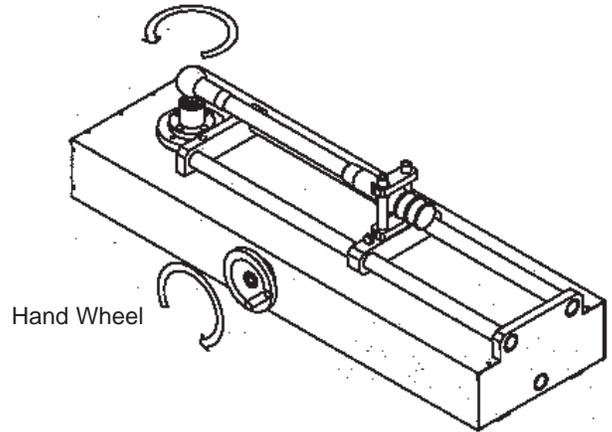
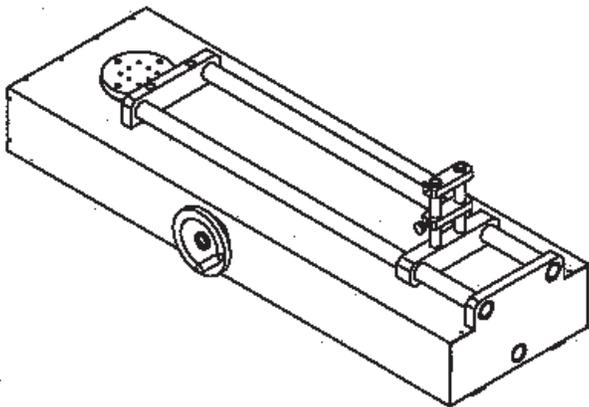


Fig. C



Application



This is a typical torque wrench calibration application.

Note: custom accessories for special applications can be made upon request. We strongly recommend not to modify the unit yourself.

Mounting LB2000F

We recommend fastening the loader on a bench top before operating. Use 5/16" or M8 bolts (the bolt length will depend on your bench top thickness). The LB2000 is simple to use. Place the tool that you want to calibrate on the transducer connected to the LB2000 (see figure C) and simply turn the hand wheel.

Fig. A

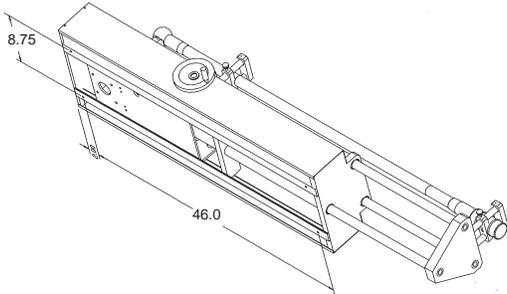


Fig. B

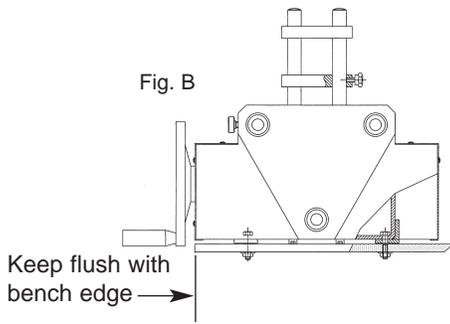
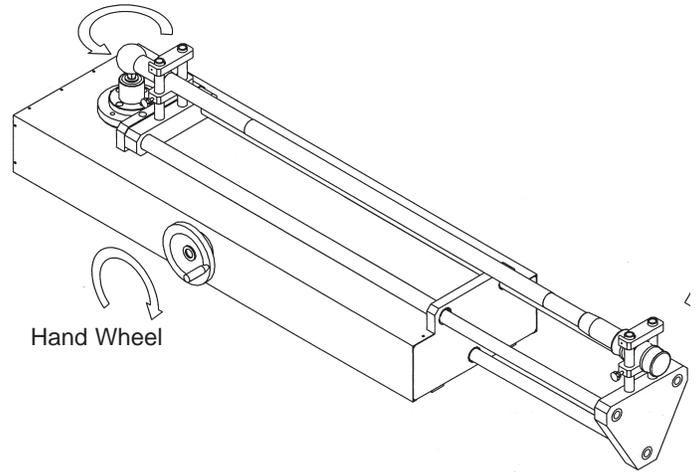
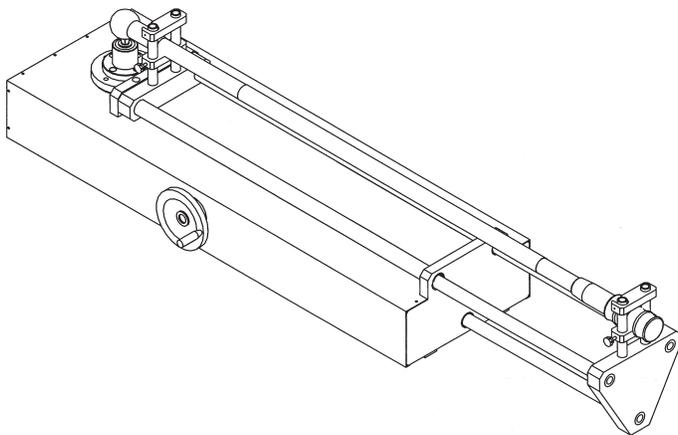


Fig. C



Application



This is a typical torque wrench calibration application.

Note: custom accessories for special applications can be made upon request. We strongly recommend not to modify the unit yourself.

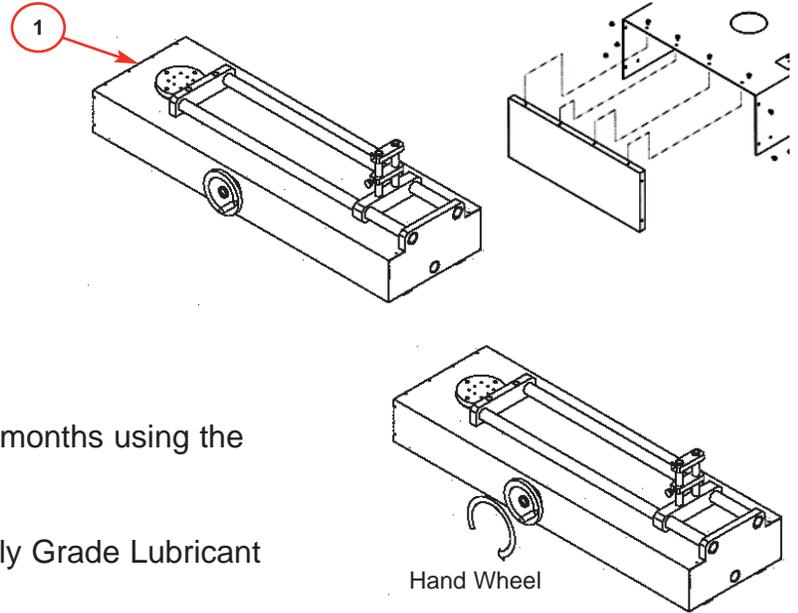
Loading Bench Preventative Maintenance

Unscrew and remove cover closest to the transducer (item 1).

Once the front cover is removed the operator has complete access to view the gearing of the Loading Bench. All the gears are connected to each other through the Hand Wheel located on the right of the Loading Bench. Rotate the Hand Wheel while lubricating the gears, this will ensure all gears are lubricated properly.

For optimal use, lubricate the gears once every 6 months using the procedure above.

Recommended lubricant/grease: SAF- T- EZE Moly Grade Lubricant or equivalent.



Mountz Calibration & Repair Services

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 two state-of-the-art calibration lab and repair facilities that can calibrate up to 20,000 lbf.ft. We perform calibrations in accordance with ANSI/NCSL-Z540.

Since 1965, Mountz Inc. has proven its in-depth knowledge of torque and torque solutions by consistently developing, producing, marketing and servicing highly sophisticated, cutting-edge tools. Mountz Inc. is known to the industry as the premier torque tool supplier.

Mountz Tool Service & Repair Capability

- Torque Wrench Calibration: Click Wrench, Dial Torque Wrench, Beam Wrench, Cam-Over & Break-Over Wrench
- 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

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