

HM-14 Operating Manual

Rev. 1.0

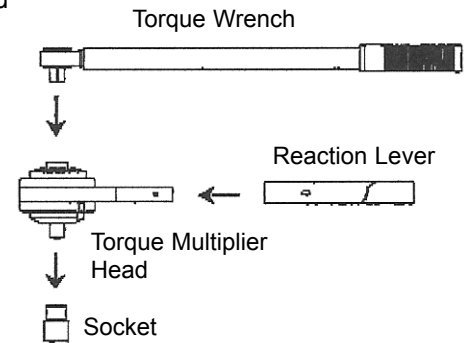
Tightening or loosening using a torque wrench

1. Insert the reaction lever into the multiplier head. The pin on the multiplier head should fit securely in the hole on the reaction lever. There's an additional extension piece that can be attached to the reaction lever. Attach if needed.

2. Starting from nut, insert: socket, multiplier and torque wrench.

3. The reaction lever must be positioned against an object so it cannot move. The multiplier can work both clockwise and counterclockwise. Pay attention that the reaction lever is fixed in the correct way.

4. Using the torque wrench, apply continuous force until the application is tightened or loosened satisfactorily.



Note: The torque output of the multiplier is based on a torque multiplication ratio of the torque applied from the torque wrench. The torque multiplication for this model is 6:1

5. After you have finished tightening, the torque wrench must be released slowly to ease the multiplier accumulated energy.

Output Square Drive Replacement

1. Remove from the multiplier the circlip and, if any, the residues of broken output square drive.
2. Using pliers, insert the circlip into its place on the center of the square drive.
3. Insert the output square drive into the multiplier forcing the circlip with pliers.

Mountz Calibration & Repair Services

With over 40 years of experience, Mountz features an experienced calibration and repair staff that delivers rapid service and provides quality that you can trust. Mountz features a new state-of-the-art calibration lab and a repair facility. The Calibration Lab can calibrate up to 20,000 lbf.ft. Our certified technicians can calibrate & repair most any tool and our calibration standards are traceable to NIST (National Institute of Standards and Technology). Mountz factory service provides current upgrades for all digital torque analyzers at time of service.

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ISO 9001

HM-27 Operating Manual

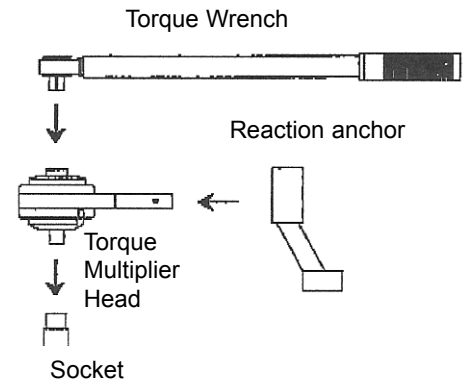
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Tightening or loosening using a torque wrench

1. Insert the reaction anchor into the multiplier head.
2. Starting from nut, insert: socket, multiplier and torque wrench.
3. The reaction anchor must be positioned against an object so it cannot move. The multiplier can work both clockwise and counterclockwise. Pay attention that the reaction anchor is fixed in the correct way.
4. Using the torque wrench, apply continuous force until the application is tightened or loosened satisfactorily.

Note: The torque output of the multiplier is based on a torque multiplication ratio of the torque applied from the torque wrench. The torque multiplication for this model is 6:1

5. After you have finished tightening, the torque wrench must be released slowly to ease the multiplier accumulated energy.



Output Square Drive Replacement

1. Remove from the multiplier the circlip and, if any, the residues of broken output square drive.
2. Using pliers, insert the circlip into its place on the center of the square drive.
3. Insert the output square drive into the multiplier forcing the circlip with pliers.

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