



DIGITAL TORQUE WRENCH

Thank you for purchasing this fine product from GRIOT'S GARAGE. The **DIGITAL TORQUE WRENCH** enables you to accurately set fastener torque with a convenient LCD and audible beep alert. Before operating the torque wrench, please read this manual completely, and keep it nearby for future reference.

MAIN FEATURES

- Digital torque value readout +/- 2% CW and CCW accuracy
- Beeper and LED indicator for the user preset target torque
- Units of Measure (ft-lb, in-lb, N-m, kg-m)
- Power supplied by 4- AAA batteries
- Operating range: 32°-104° F (0°-40° C)
- Peak and track mode selectable
- Auditing Auto Sleep after 2 minutes idle
- Ratchet Head: 45 teeth, square drive 1/2"

FUNCTION KEYS

- ↻ Power on/off
- ↔/○ Backlight function/Under program status, press to move to next digit
- + Enter the setting mode/Increase the value to program pre-set torque
- ← Zero reset
- M/u Memory/Measure model select between "track" and "peak" modes

BATTERIES

Before using the **DIGITAL TORQUE WRENCH** you must install the batteries. To start remove the battery cover located at the end of the handle. Insert four AAA batteries matching the -/+ polarities of the battery to the battery compartment. Reattach the battery cover.

PREPARATION

Press the power on button ↻ to power up the wrench. The display should show 0.0. Press and hold the M/u button to select the desired unit of measure; ft-lb, in-lb, N-m, kg-m. Press the + button to set the desired torque value. The display will read "SET". After two seconds the display will read 000.0 or the last programmed torque value.

NOTE: If you wish to reset the torque value you may choose to press the Zero reset button →○← to allow the display to read 000.0. Otherwise you may scroll through the digit sequence to set the desired torque value.

To set the desired torque value you must start with the digit at the far left. Using the + button scroll through the digits until the desired number is displayed. Use the ↔/○ button to move to the next digit. Using the + button scroll through the digits until the desired number is displayed. Continue this procedure until the desired target torque value is displayed. Press the M/u button to memorize the target torque value and exit torque setting mode.

MEASURE MODEL; "TRACK" AND "PEAK" MODES

Track mode will display the reading in real time when torque is applied to the fastener. This allows the operator to monitor the display as they are turning the wrench. Track mode works well for assembly work when the operator is able to position the display within easy viewing.

Peak mode allows the wrench to read the maximum torque applied to the fastener. The display will lock and hold this reading when the force is released for the operator to review after turning the wrench. Peak mode works well for tightening lug nuts when the operator may not be able to position the display for easy viewing.

SETTING "TRACK OR "PEAK" MODE

Track mode is the default setting. Press the M/u button to scroll between peak or track modes. The word peak will appear in the top left hand corner of the display when selected. Nothing will be displayed if track mode is selected as it is the default setting.

DISPLAY LIGHTING

Use the ↔/○ button to activate/deactivate the back light for the readout display. This also serves as a visual aid as the light will turn off when the target torque value is reached.

OPERATION

The wrench is ready for operation when the wrench is powered on, the unit of measure is selected, torque value is selected and operating mode is selected. Grasp the rubberized handle with one hand. Support the ratchet head with the other. Slowly apply the torque while supporting the ratchet head. When applied torque is within 5 N-m of the target setting there will be an audible beeping sound. The tempo will increase to a steady tone when the target is reached. If the target is exceeded the tone will remain on. The Digital Torque Wrench works on both right hand and left hand threads. The display will read a - sign when torque is applied in the counter clockwise direction.

LOW BATTERY INDICATOR

The low battery icon will appear in the bottom left hand corner of the display when it becomes time to replace the batteries. 

CARE AND STORAGE

1. Do not leave wrench in any place exposed to excessive heat, humidity, or direct sunlight.
2. Do not use the **DIGITAL TORQUE WRENCH** near water.
3. If the wrench gets wet, wipe it with a dry towel as soon as possible. Salt in seawater can be especially damaging.
4. Do not use organic solvents, such as alcohol or paint thinner when cleaning the wrench.
5. Keep the wrench away from magnets.
6. Do not expose the wrench to dust or sand as this could cause serious damage.
7. Do not shake or shock the wrench violently.
8. Over torquing can cause breakage.
9. Periodic calibration is necessary to maintain accuracy.
10. Do not apply excessive force to the LCD panel.

BATTERY HANDLING NOTES

1. When the **DIGITAL TORQUE WRENCH** is not used for an extended period of time, remove the batteries.
2. Keep spare batteries on hand when going on a long trip or to a cold area.
3. Do not mix battery types or combine used batteries with new ones.
4. Perspiration, oil and so on can prevent a battery's terminal from making electrical contact. To avoid this, wipe both terminals before loading a battery.
5. Dispose of batteries in a designated disposal area. Do not throw batteries into a fire.

DISCLAIMER

GRIOT'S GARAGE is not responsible for any misuse of the **DIGITAL TORQUE WRENCH** for any injury or damage incurred to any person or object related to the **DIGITAL TORQUE WRENCH**.

ANSWERS TO YOUR QUESTIONS

Should you want to order another **DIGITAL TORQUE WRENCH**, or for a complete selection of quality GRIOT'S GARAGE products, please write or call us toll-free at 800-345-5789. Or visit us at www.griotsgarage.com. Reorder item number **11952**.

*Have fun in your garage!**

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