

DEWALT

EN

ESP

FR

User Manual

DWMT75462 / DWMT75462-0

MICRO-ADJUSTING 1/2" DR. TORQUE WRENCH

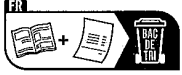
TORQUÍMETRO CON TRANSMISIÓN DE 1/2" CON MICROAJUSTE

CLÉ DYNAMOMÉTRIQUE DE 1,3 CM (1/2 PO) À MICROÉGLAGE

⚠ WARNING / ADVERTENCIA / AVERTISSEMENT



WEAR SAFETY GOGGLES
USE GAFAS PROTECTORAS
PORTEZ DES LUNETTES DE SÉCURITÉ



(FR) Les notices et les consignes de sécurité ne doivent être jetées que lorsque le produit qu'elles concernent n'est plus en service.
(EN) Operating and safety instructions should only be disposed when the product to which they relate is no longer in use.

DEWALT

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WARNING: To reduce the risk of injury, read the instruction manual before operating the product.



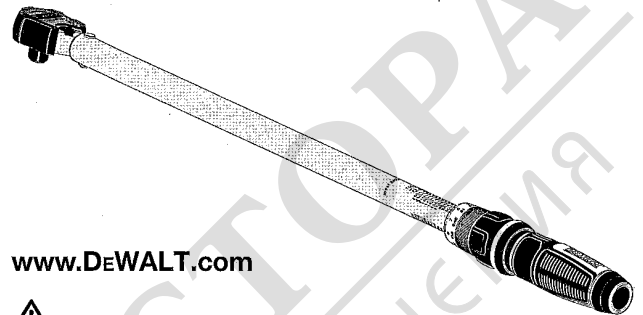
ADVERTENCIA: Para reducir el riesgo de lesiones, lea el manual de instrucciones antes de operar el producto.



AVERTISSEMENT: Pour réduire le risque de blessure, lire le manuel d'utilisation avant d'opérer le produit.

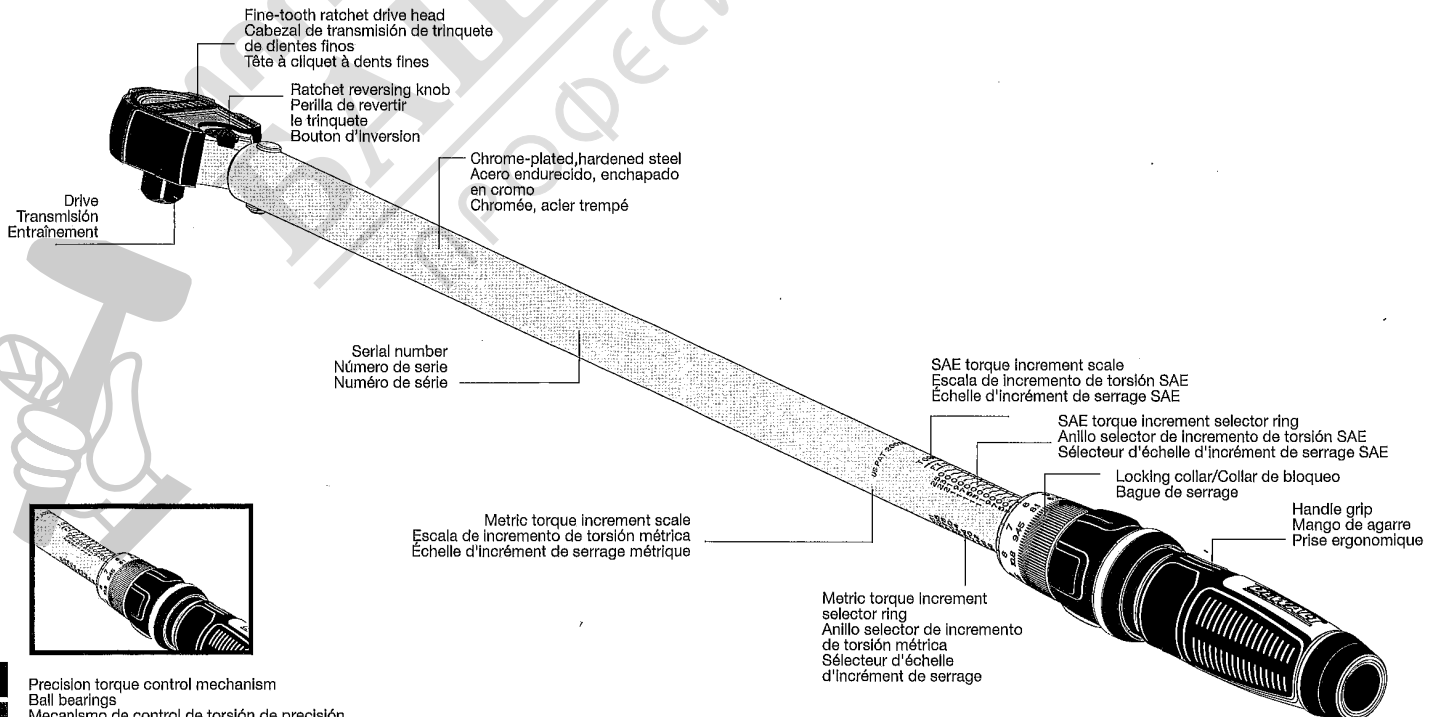


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Quick Start Guide Guía de inicio rápido Guide de démarrage rapide



EN

Precision torque control mechanism
Ball bearings

ESP

Mecanismo de control de torsión de precisión
Rodamientos de bola

FR

Mécanisme de contrôle de précision du serrage
Roulements à billes

User Manual

Operating Instructions

1. STUDY THIS OWNERS MANUAL CAREFULLY AND THOROUGHLY PRIOR TO OPERATING THIS TORQUE WRENCH.
2. This torque wrench is designed to precisely apply a specific torque to a fastener between the range of 50 to 250 Foot Pounds (74.6-345.7 Nm). **NEVER APPLY MORE TORQUE THAN THE MAXIMUM SCALE READING.**
3. This torque wrench is designed for the manual tightening of threaded fasteners only. **DO NOT USE THIS TORQUE WRENCH TO LOOSEN BOLTS OR OTHER FASTENERS. DO NOT USE THIS TORQUE WRENCH AS A BREAKER BAR.**
4. Tightening tire lug nuts.

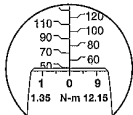
General Description

- A torque wrench is a precision measuring instrument designed to measure or limit the amount of torque being applied to a given point.
- A torque wrench is for the installation of fasteners only. **IT IS NOT MANUFACTURED FOR LOOSENING OR REMOVING FASTENERS.** It should never be used to break loose stubborn fasteners.
- A torque wrench is used where the tightness of a fastener (i.e. a nut or bolt) is crucial. It allows the operator to measure the torque applied to the fastener so it can be matched to the required amount.

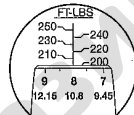
Operating Instructions

1. To adjust the torque setting, pull down on the locking collar and rotate the handle grip clockwise or counterclockwise. Continue to rotate the handle grip until the scale indicates the desired torque value (See Examples of Torque Setting).
2. To lock the torque setting in, release the locking collar:

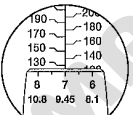
EXAMPLES OF TORQUE SETTINGS* SAE scales (scale & ring)*



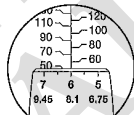
50 Foot-pounds



208 Foot-pounds

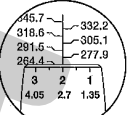


127 Foot-pounds

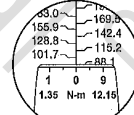


56 Foot-pounds

Metric scales (scale & ring)**



267.1 N-M



88.1 N-M

* Various torque settings are illustrated above. Though they may be different from your required setting, the principle of reading the setting is the same.

** Metric scales (Newton Metres) are not calibrated in whole numbers. Consequently, when using metric scale and ring increments, set the wrench at a reading closest to the desired torque.

IMPORTANT : Do not attempt to turn the grip while it is locked. Do not turn the grip more than one revolution either below the lowest scale reading or above the highest scale reading.

To Apply Torque

1. Attach the proper socket or other attachment to the drive.
2. Set the ratchet reversing lever for the proper direction of operation.
3. Slide the proper socket or attachment over the fastener to be torqued.
4. Holding the torque wrench **BY THE HANDLE GRIP ONLY**, apply **SLOW** and **STEADY** force until a momentary release is felt and an audible "click" is heard. Stop applying force immediately. The "release" and "click" indicates the desired torque has been met.
IMPORTANT : At low torque settings the release is gentle and there usually is no audible "click" noise. Learn to detect this release **BEFORE** you attempt to torque a fastener to avoid accidental overtightening or damage.
5. The torque wrench automatically resets itself and is ready for the next operation.
6. After use, **RETURN TORQUE WRENCH TO LOWEST SETTING** to prevent damage to the spring (Do not adjust below the lowest reading on the scale).

Important Suggestions

- The threads on bolts, nuts and other mating components should be clean and smooth. A lubricant applied to the threads and under the head of bolts will produce more accurate and consistent results.
- Never torque a fastener that is already tightened. Loosen the fastener first, then retorque to the desired value. The same applies to fasteners that were accidentally overtorqued.
- When tightening fasteners, **ALWAYS FOLLOW THE MANUFACTURER'S RECOMMENDED PROCEDURE.** If such procedures are not available, you should first torque fasteners to 60-70% of the desired value in a criss-cross manner, then tighten them to the fully specified value.

- **DO NOT** apply more torque than the rated capacity of the torque wrench.
- **DO NOT** use the breaker bar to loosen fasteners.
- **DO NOT** use a cheater bar or extension. over-torquing will result and may cause damage to the fastener and or tool.

Care & Maintenance

- A torque wrench is a precision tool, and should be handled and stored with care. Do not drop or use in any way other than its intended application.
- This wrench is lubricated for life and should not be oiled. The only exception is the ratchet head, which may be lubricated as needed for smooth operation.
- The plastic grip is not affected by petroleum products, but may be damaged by certain industrial solvents. It may be cleaned with a clean cloth soaked with mineral spirits or denatured alcohol. **NEVER IMMERSE THE WRENCH OR ANY PORTION OF IT IN ANY LIQUID.**
- All torque wrenches should be periodically checked for accuracy. This should always be done after the wrench has been subjected to abnormal handling or storage.
- After use, always return the torque wrench to the lowest setting to prevent damage to the spring.

Limited Warranty

If within 90 days from the date of purchase, this wrench fails due to defects in materials or workmanship, we will repair and recalibrate it free of charge. After 90 days and until one year from the date of purchase we will repair any defect in material or workmanship in the torque wrench free of charge. This warranty does not include recalibration."