

How do I set the torque on SR micrometer adjustable torque wrenches?



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Setting the torque on S/R micrometer adjustable torque wrenches has three basic steps:

Unlocking the grip.

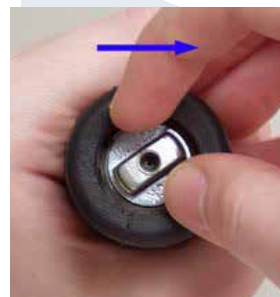
Setting the torque.

Locking the grip.

In this demonstration the wrench will start at 30 foot pounds. We will change the torque to 53 foot pounds.

Step 1.

- Grasp the rubber grip so the lock is visible.
- While holding the grip steady, rotate the lock clockwise (right) to unlock the grip. The grip is unlocked when the lock moves without resistance.



Step 2.

- Hold the wrench so the scale is visible.
Check the current torque setting.
The current setting is the sum of the major scale setting and the minor scale setting.
In this image, the number on the minor scale aligned with the centerline of the major scale is 0. The lowest visible number on the major scale is 30.
Major scale = 30
Minor scale = 0
Torque Setting = 30
- Rotate the grip clockwise (right) to the major scale number of the desired torque. This is achieved when the 0 on the minor scale is aligned with the centerline of the major scale and the major scale number component of the desired torque is visible.



Note: If desired torque is lower than the current torque, the direction of rotation is counter-clockwise. The current torque remains the sum of the major scale number and the minor scale number.

- Rotate the grip further clockwise until the minor scale component of the number is aligned with the centerline of the major scale.



Step 3.

Reverse the wrench so the lock is visible. Rotate the lock counter-clockwise until significant resistance is felt to further rotation by the fingers. Do not use pliers to tighten the lock further. This can damage the wrench.

