TO SET TORQUE — ALL MODELS EXCEPT 1/4" DRIVE
1. Pull the lock collar back to unlock the mechanism.
2. While holding the lock collar in an unlocked position, turn the grip clockwise to increase the torque, or counterclockwise to decrease the torque, adjusting the desired torque readings indicated on the micrometer scale.
3. Lock the setting by releasing the lock collar.

EXAMPLES OF TORQUE SETTINGS

<table>
<thead>
<tr>
<th>English Torque</th>
<th>Metric Torque</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 In.-Lb. (11.3 Nm)</td>
<td>23 Nm</td>
</tr>
<tr>
<td>20 In.-Lb. (22.6 Nm)</td>
<td>45 Nm</td>
</tr>
<tr>
<td>30 In.-Lb. (35.9 Nm)</td>
<td>68 Nm</td>
</tr>
<tr>
<td>40 In.-Lb. (47.2 Nm)</td>
<td>89 Nm</td>
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</tbody>
</table>

TO APPLY TORQUE
1. Attach the proper socket or other attachment to the drive. Set the reversing lever for the proper direction of operation.

NOTE: Torque wrenches or graduated sockets are used. Torque setting must be confirmed in accordance with the directions given on the tool page.

2. Insert the socket or attachment onto the fastener to be torqued.
3. Utilizing the ratcheting handle, you may "oppose" the fastener until resistance is felt (observe head models only).
4. Holding the wrench in the "GRIP ONLY," apply SLOW AND STEADY pull until a momentary release impulse is felt. Release tightening pressure right at this moment.

WARNING: All low torque settings the release is gentle and there is usually no "click" signal. Listen how the release feels before you torqued to avoid accidental overtinning or under-torquing.

IMPORTANT SUGGESTIONS
1. Treadheads 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.
2. Never torque a fastener that is already tightened. Loosen it first, then torqued to its desired value. The same applies to fasteners that were accidentally overtorqued.
3. When tightening many fasteners holding one component (engine head, frame panels, etc.) it is recommended that the head of each component be tightened to a cross-section value of 70% to 75% of the desired torque, then to the final torque.
4. DO NOT apply more torque than the rated capacity of the torque wrench. Do not use it as a maul-breaker.

*When using long sockets or socketless extensions, the wrench may be supported at the head (only at the head) with only negligible effects on accuracy.

The wrench resets automatically and is ready for the next operation.

Note: Graduated scale marked on the handle or body is the value of the torque to be tightened. The metric scale is for a metric wrench. If using metric scales, set the wrench at a reading closest to the desired torque.