

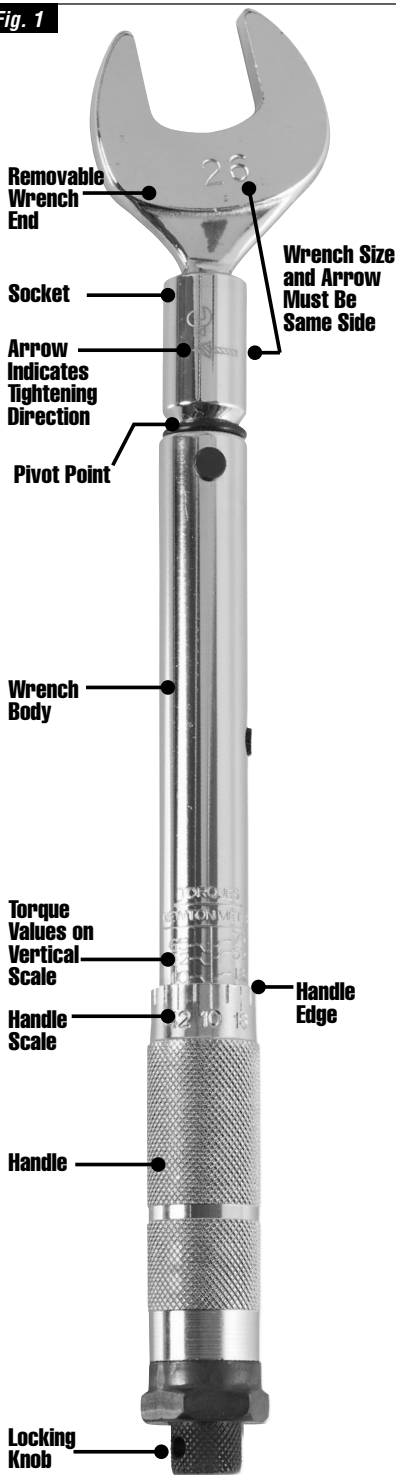
# Torque Wrench Kit

(17, 22, 24, 26, 27, 29mm)



**Instructions for Use**

Fig. 1



## BEFORE USE

- To retain wrench accuracy, **DO NOT LOOSEN** nuts, bolts, etc. **USE ONLY FOR TIGHTENING.**
- Apply a small amount of oil between handle and wrench body.

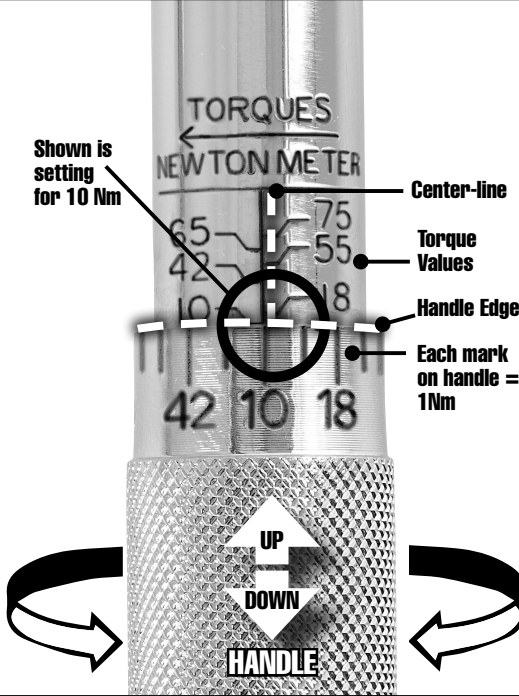
Note: If wrench is not used for an extended time, turn handle to lowest torque setting on wrench body. Rotate handle in both directions while making a few “clicks”. This re-lubricates the wrench.

## INSTRUCTIONS

1. **Select Wrench** from case.
2. Insert END into socket. Wrench size and arrow must be same side.  
**Fig. 1**
3. **Loosen Locking Knob** counterclockwise to *unlock* handle.
4. **Determine Proper Torque Setting For Equipment Being Serviced** (use setting specified by equipment manufacturer).
5. Using Newton-Meter chart **Fig. 3**, twist handle and align appropriate handle mark with torque value on vertical scale.
6. For other settings, twist handle to advance by 1 or more detents to desired setting. (Each handle detent = 1 Nm).
7. **Tighten Locking Knob** clockwise to lock in your torque setting.
8. **Tighten Equipment Fitting, Bolt, Nut Until Clicks Are Felt/Heard From Pivot Point** *Note: To prevent tool damage, avoid further pressure on wrench after torque (clicks) achieved.*

## Newton-Meter Scale (10-75)

Fig. 2



### Example 1: Set Torque Wrench to 14 Nm

- Twist handle until "10" mark aligns with Center-line and 10 Nm torque value.
- Twist handle RIGHT 4 detents (1 detent = 1 Nm) stopping at the "4<sup>th</sup>" Mark on the Handle (while aligned VERTICALLY with the Center-line).
- Final setting ( $10 + 1 + 1 + 1 + 1 = 14$ )
- Wrench is now set at 14 Nm.

Torque Value On Vertical Scale	+	Handle Scale Value	=	Final Torque Value
10		0		10
10		+1 detent		11
10		+2 detents		12
10		+3 detents		13
<b>10</b>		<b>+4 detents</b>		<b>14</b>

**Fig. 3**

**Standard Newton/Meter Torque Settings On**

TORQUE SETTINGS (ON WRENCH BODY)	HANDLE SETTING SCALE
75 Nm (100 Kg x cm)	<b>0</b>
65 Nm (100 Kg x cm)	<b>0</b>
55 Nm (100 Kg x cm)	<b>0</b>
42 Nm (100 Kg x cm)	<b>42</b>
18 Nm (100 Kg x cm)	<b>18</b>
10 Nm (100 Kg x cm)	<b>10</b>

**STORAGE**

1. **Loosen Locking Knob.** Turn Knurled Handle to lowest torque setting on Body Scale.
2. **Remove Wrench End** and place all components back in Storage Case.
3. **Store kit in dry location.**