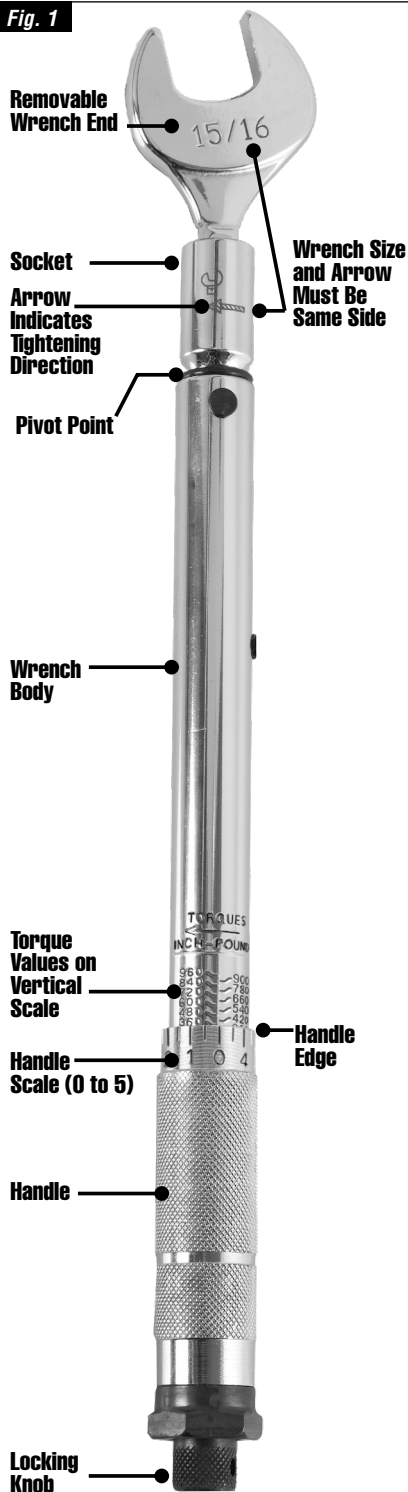


$$(5/8, 11/16, 13/16, 15/16, 1^{1/16}, 1^{5/16})$$


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.

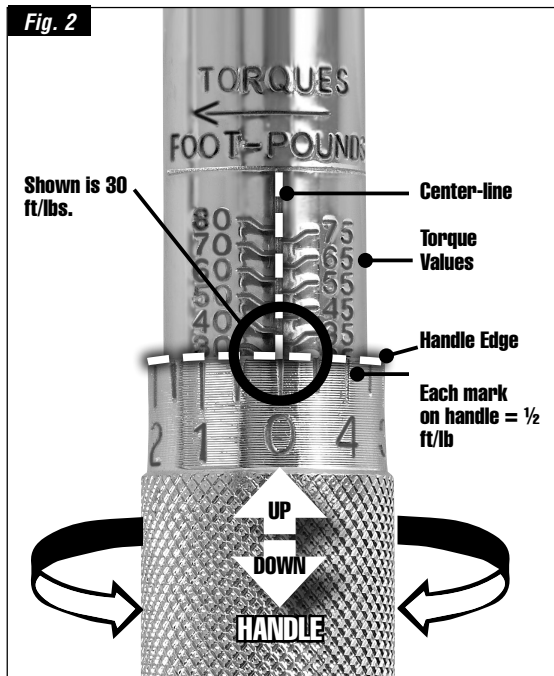
Note: If wrench is not used for an extended time, turn handle to lowest torque setting on wrench body. Rotate handle in both directions while making a few "clicks". This re-lubricates the wrench.

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. Select FOOT-Pound Scale **Fig. 2** or INCH-Pound scale **Fig. 3**
5. **Determine Proper Torque Setting For Equipment Being Serviced** (use setting specified by equipment manufacturer).
6. To obtain torque values ending in '0', **align (0)** and **Handle Edge** with **Torque Value On Vertical Scale** See **Fig. 2** and **Fig. 4**.
7. For torque values NOT ending in '0', twist handle and align appropriate handle mark at handle edge with **Torque Value On Vertical Scale**.
8. **Tighten Locking Knob** clockwise to lock in your torque setting.
9. **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.*

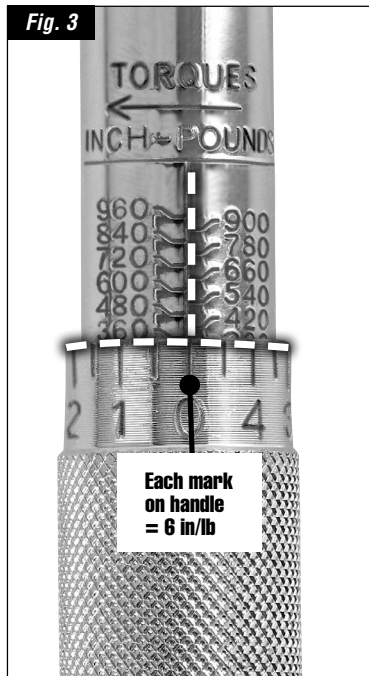
Foot/Pound Scale (5-80)

Fig. 2



Inch/Pound Scale (60-960)

Fig. 3



Example 1: Set Wrench to 7 ft/lb

- Position wrench handle so Foot/Pound scale is visible.
- Twist handle until "0" mark aligns with Center-line and 5 Foot/Pound torque value.
- Twist handle **RIGHT 4 detents (1 detent = 1/2 Foot/Pound)** stopping at the "2" Mark on the Handle (while aligned VERTICALLY with the Center-line).
- Final setting ($5 + \frac{1}{2} + \frac{1}{2} + \frac{1}{2} + \frac{1}{2} = 7$)
- Wrench is now set to 7 Foot/Pounds.

Torque Value	+	Handle Scale Value	=	Final Torque Value
5		0		5
5		+1/2 detent		5.5
5		+1 detent		6
5		+1 1/2 detents		6.5
5		+2 detents		7

Example 2: Set Torque Wrench to 72 in/lb

- Position wrench handle so Inch/Pound scale is visible.
- Twist handle until '0' mark aligns with Center-line and 60 Inch/Pound torque value.
- Twist handle **RIGHT 2 detents (2 detent = 12 Inch/Pound)** stopping at first "1" mark on handle.
- Final setting ($60 + 6 + 6 = 72$)
- Wrench is now set at 72 Inch/Pounds.

Torque Value	+	Handle Scale Value	=	Final Torque Value
60		0		60
60		+ 1/2 detent		66
60		+1 detent		72

Fig. 4

FOOT/POUND SETTINGS On Wrench Body	HANDLE SCALE SETTING	INCH/POUND SETTINGS On Wrench Body
5	0	60
10	0	120
15	0	180
20	0	240
25	0	300
30	0	360
35	0	420
40	0	480
45	0	540
50	0	600
55	0	660
60	0	720
65	0	780
70	0	840
75	0	900
80	0	960

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.**

REPLACEMENT PARTS	
TLTWSAE	SAE Multi-Head Torque Wrench Set with handle, heads and case ($\frac{5}{8}$ " , $\frac{11}{16}$ " , $\frac{13}{16}$ " , $\frac{15}{16}$ " , $1\frac{1}{16}$ " , $1\frac{5}{16}$ ")
TLXTWSAE	Set of SAE Wrench Heads $\frac{5}{8}$ " , $\frac{11}{16}$ " , $\frac{13}{16}$ " , $\frac{15}{16}$ " , $1\frac{1}{16}$ " , $1\frac{5}{16}$ " Jaw Sizes
TLXTWSAEW	SAE Torque Wrench Handle
TLXTW58	$\frac{5}{8}$ " Individual wrench head
TLXTW1116	$\frac{11}{16}$ " Individual wrench head
TLXTW1316	$\frac{13}{16}$ " Individual wrench head
TLXTW1516	$\frac{15}{16}$ " Individual wrench head
TLXTW1L116	$1\frac{1}{16}$ " Individual wrench head
TLXTW1L516	$1\frac{5}{16}$ " Individual wrench head

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