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

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

	REPLACEMENT PARTS
_TWSAE	SAE Multi-Head Torque Wrench Set with handle, heads and case ($^5/_8$", $^{11}/_{16}$", $^{13}/_{16}$", $^{15}/_{16}$", $1^1/_{16}$", $1^5/_{16}$")
_XTWSAE	Set of SAE Wrench Heads $^5/_8$", $^{11}/_{16}$", $^{13}/_{16}$", $^{15}/_{16}$", $1^1/_{16}$", $1^5/_{16}$" Jaw Sizes
_XTWSAEW	SAE Torque Wrench Handle
_XTW58	$^5/_8$" Individual wrench head
_XTW1116	$^{11}/_{16}$" Individual wrench head
_XTW1316	$^{13}/_{16}$" Individual wrench head
_XTW1516	$^{15}/_{16}$" Individual wrench head
_XTW1L116	$1^1/_{16}$" Individual wrench head
_XTW1L516	$1^5/_{16}$" Individual wrench head

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or the latest update(s) to these instructions, go to www.cpsproducts.com

#73-165 Rev. B

Pro-Set®

Torque Wrench Kit
#TLTWSAE Imperial
($^5/_8$, $^{11}/_{16}$, $^{13}/_{16}$, $^{15}/_{16}$, $1^1/_{16}$, $1^5/_{16}$)

Instructions for Use

Français, Español, Deutsch and latest updates: www.cpsproducts.com

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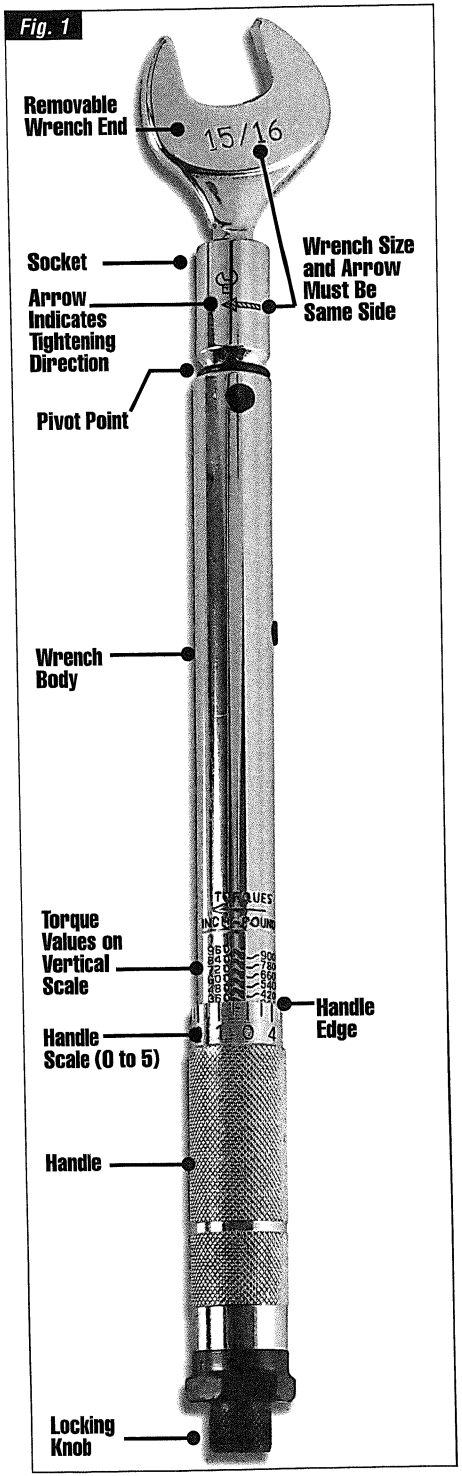
Fig. 1



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.

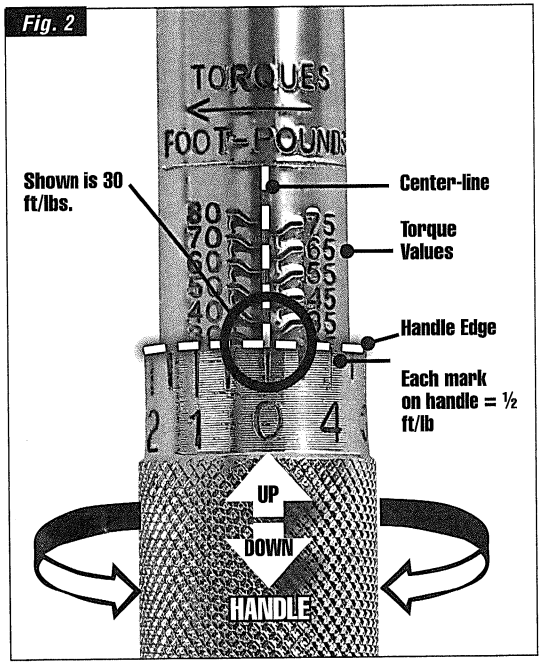
Note: If wrench is not used for an extended time, turn handle to lowest torque setting on wrench body. Rotate handle in both directions while making a few "clicks". This re-lubricates the wrench.

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.*

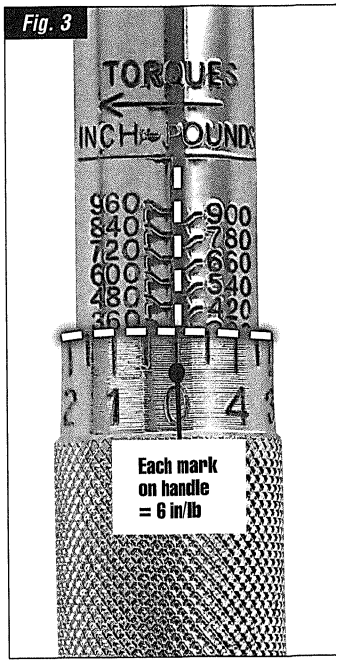
Foot/Pound Scale (5-80)

Fig. 2



Inch/Pound Scale (60-960)

Fig. 3



Example 1: Set Wrench to 7 ft/lb

a) Position wrench handle so Foot/Pound scale is visible.
b) Twist handle until "0" mark aligns with Center-line and 5 Foot/Pound torque value.
c) Twist handle **RIGHT 4 detents (1 detent = ½ Foot/Pound)** stopping at the "2" Mark on the Handle (while aligned VERTICALLY with the Center-line).
d) Final setting (5 + ½ + ½ + ½ + ½ = 7)
e) Wrench is now set to 7 Foot/Pounds.

Torque Value	+ Handle Scale Value	= Final Torque Value
5	0	5
5	+½ detent	5.5
5	+1 detent	6
5	+1 ½ detents	6.5
5	+2 detents	7

Example 2: Set Torque Wrench to 72 in/lb

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

Torque Value	+ Handle Scale Value	= Final Torque Value
60	0	60
60	+ ½ detent	66
60	+1 detent	72