

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	
.XTWSAE	SAE Multi-Head Torque Wrench Set with handle, heads and case (5/8", 11/16", 13/16", 15/16", 1", 1 1/16", 1 5/16")
.XTWSAE	Set of SAE Wrench Heads 5/8", 11/16", 13/16", 15/16", 1", 1 1/16", 1 5/16" Jaw Sizes
.XTWSAEW	SAE Torque Wrench Handle
.XTW58	5/8" Individual wrench head
.XTW1116	1 1/16" Individual wrench head
.XTW1316	1 3/16" Individual wrench head
.XTW1516	1 5/16" Individual wrench head
.XTW1L116	1 1/16" Individual wrench head
.XTW1L516	1 5/16" Individual wrench head

LOCATIONS

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For 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)



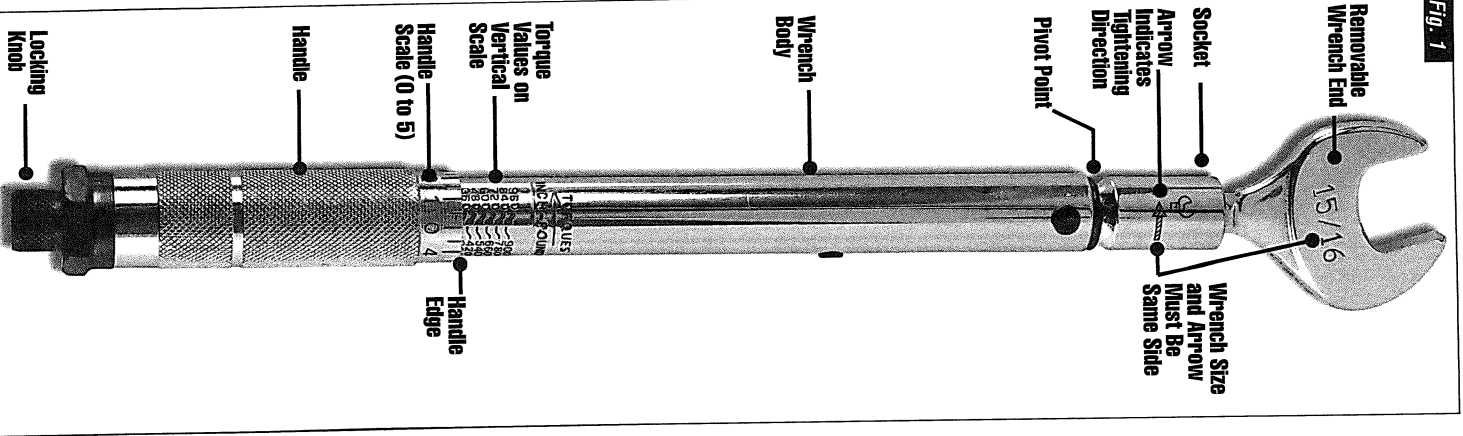
Instructions for Use

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.

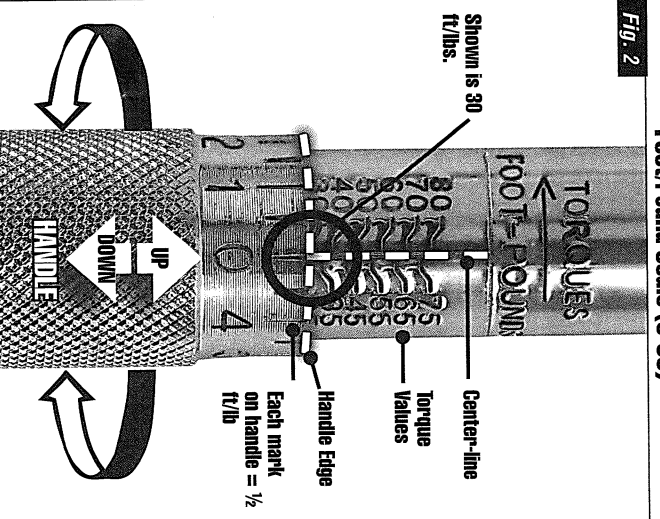
Note: If wrench is not used for an extended time, turn handle to lowest torque setting on wrench body. Rotate handle in both directions while making a few "clicks". This re-lubricates the wrench.

INSTRUCTIONS

- Select Wrench** from case.
- Insert **END** into socket. Wrench size and arrow must be same side.
- Loosen Locking Knob** *counterclockwise* to **unlock** handle.
- Select **FOOT-Pound Scale** **Fig. 2** or **INCH-Pound scale** **Fig. 3**
- Determine Proper Torque Setting For Equipment Being Serviced** (use setting specified by equipment manufacturer).
- To obtain torque values ending in '0', align (0) and **Handle Edge** with **Torque Value On Vertical Scale** See **Fig. 2** and **Fig. 4**.
- For torque values **NOT** ending in '0', twist handle and align appropriate handle mark at handle edge with **Torque Value On Vertical Scale**.
- Tighten Locking Knob** *clockwise* to lock in your torque setting.
- Tighten Equipment Fitting, Bolt, Nut Until Clicks Are Felt/Hear** **From Pivot Point** Note: To prevent tool damage, avoid further pressure on wrench after torque (clicks) achieved.

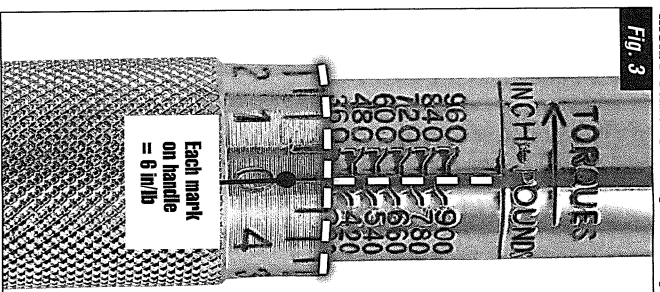
Foot/Pound Scale (5-80)

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 ($5 + 1/2 + 1/2 + 1/2 = 7$)
- Wrench is now set to 7 Foot/Pounds.

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