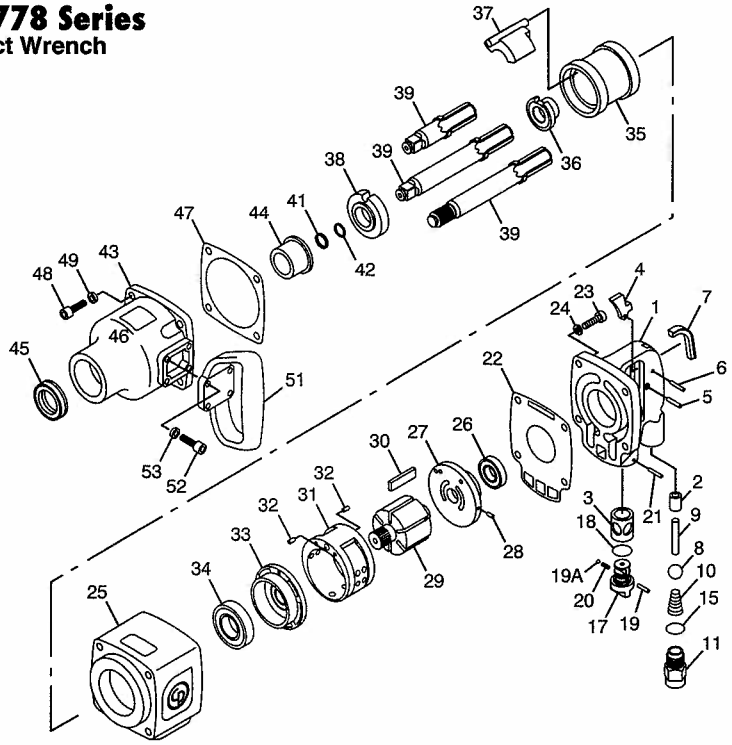
CP7778 Series
Impact Wrench



Index No.	Part No.	Description	No. Req'd.
1	8940162803	Throttle Handle Assembly (Incl: Index No. 2, 3)	1
2	8940162152	Bushing-Throttle	1
3	8940162801	Bushing-Reverse Valve	1
4	8940162809	Lever-Throttle	1
5	8940162155	Pin-Throttle Lever	1
6	8940162156	Pin-Lever Stop	1
7	8940162810	Cover-Slot	1
8	8940162158	Valve-Throttle	1
9	8940162811	Plunger-Throttle Valve	1
10	8940162160	Spring-Throttle Valve	1
11	8940162161	Inlet Bushing	1
15	8940162165	O-Ring	1
17	8940162812	Valve-Reverse	1
18	8940162167	O-Ring	1
19	8940162168	Pin	1
19A	8940162169	Ball	1
20	8940162170	Spring	1
21	8940162171	Pin	1
22	8940162172	Gasket-Handle	1
23	8940162173	Screw	4
24	8940162174	Lock Washer	4
25	8940162802	Housing-Motor	1
26	8940162177	Bearing	1
27	8940162178	Plate-Rear End	1
28	8940162179	Pin	1
29	8940162180	Rotor	1
30	8940162181	Blade Set (6)	1
31	8940162182	Liner	1
32	8940162183	Pin	2
33	8940162184	Plate-Front End	1
34	8940162185	Bearing	1
35	8940162186	Cage	1
36	8940162187	Cam	1
37	8940162188	Dog	1
38	8940162189	Bushing-Cage	1
39	8940162190	Anvil (1in. Sq. Dr.) (Incl: Index Nos. 41, 42)	1
	8940162191	Anvil (1in. Sq. Dr. 6 in. Extension) (Incl: Index Nos. 41, 42)	1
	8940162192	Anvil (#5 Spline 6 in. Extension) (Incl: Index Nos. 41, 42)	1
41	8940162193	Ring-Friction (1 in. Sq.)	1
	8940162194	Ring-Friction (#5 Spline)	1
42	8940162195	O-Ring (1 in. Sq.)	1
	8940162196	O-Ring (#5 Spline)	1
43	8940162197	Clutch Housing Assembly (Incl: Index Nos. 44, 45)	1
44	8940162198	Bushing-Clutch Housing	1
45	8940162199	Seal	1
46	CA155779	Decal-Safety Warning	1
47	8940162200	Gasket-Clutch Housing	1
48	8940162201	Screw	4
49	8940162202	Lock Washer	4
51	8940162804	Handle-Support	1
52	8940162204	Screw	4
53	8940162205	Lock Washer	

Tune-Up Kit
8940162816 (Incl: Index Nos. 15, 18, 22, 30, 41, 42, 45, 47)
Protective Boot
8940162416

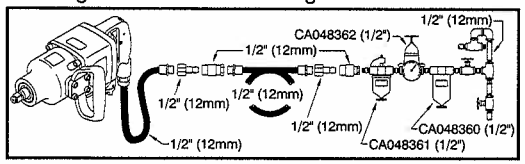
EN English

CP7778 Series
Impact Wrench

INSTRUCTION MANUAL

Air Supply Requirements

1. Supply tool with 90 psig (6.2 bar) of clean, dry air. Higher pressure drastically reduces tool life.
2. Connect tool to air line using pipe, hose, and fitting sizes shown in the diagram.



Lubrication

1. Use an air line lubricator with SAE #10 oil, adjusted to two (2) drops per minute. If an air line lubricator cannot be used, add air motor oil to the inlet once a day.
2. Use 3 oz. (88 ml) of CP Pneu-Lube Synthetic Clutch Grease 8940158455.

Operation

1. The intended use of this impact wrench is with impact rated sockets operating upon threaded fasteners. To operate, pull trigger on handle. To operate in forward rotation, turn reverse valve toward forward arrow position. To operate in reverse, turn valve toward reverse arrow position.
2. This impact wrench is equipped with a regulator to enable adjustment of output power. Turn the regulator knob to # 3 for maximum power, to # 1 for minimum power.

Maintenance

1. After first year, disassemble and inspect air motor and impacting clutch every three (3) months if the tool is used every day. Replace damaged or worn parts.
2. High wear parts are underlined in the parts list.
3. To keep downtime to a minimum, the following service kits are recommended:

Tune-Up Kit 8940162816
(Incl: 15, 18, 22, 30, 41, 42, 45, 47)

EC DECLARATION OF CONFORMITY

We, Chicago Pneumatic Tool Company, 1800 Overview Drive, Rock Hill, SC 29730 USA, declare under our sole responsibility that the product to which this declaration relates, is in conformity with the requirements of the Council Directive of June 1998 on the approximation of the laws of the Member States relating to machinery (98/37/EC).

Machine Name CP7778 Series Impact Wrench
Machine Type Assembly Power Tool for Threaded Fasteners - No other use is permitted.
Serial No. Tools with No. 06160K or higher
Technical Data
1" (25mm) Sq. Dr. Std.
Air pressure 90 psi (6.2 bar)
Air Consumption 35 cfm
Harmonized Standards Applied EN292
National Standards Applied ISO 8662-7, ISO 15744-2002
Name And Position Of Issuer Yves Antier, General Manager, Chicago Pneumatic Tool Company

Signature Of Issuer
Place And Date Of Issue Rock Hill, SC 29730 USA, July 1, 2006

Noise & Vibration Declaration*

Sound pressure level 101 dB(A) impacting, 106 dB(A) free speed, in accordance with ISO 15744-2002. For sound power, add 11 dB(A).
Vibration value 9.1 m/s^2 re. ISO 8662-7.

*These declared values were obtained by laboratory type testing in compliance with the stated standards and are not adequate for use in risk assessments. Values measured in individual work places may be higher than the declared values. The actual exposure values and risk of harm experienced by an individual user are unique and depend upon the way the user works, the workpiece and the workstation design, as well as upon the exposure time and the physical condition of the user. We, Chicago Pneumatic, cannot be held liable for the consequences of using the declared values, instead of values reflecting the actual exposure, in an individual risk assessment in a work place situation over which we have no control.

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Operator's Manual

Chicago Pneumatic Tool Company
1800 Overview Drive • Rock Hill SC • 29730 USA

CP7778 Series Impact Wrench

1" Square & #5 Spline Drive Model "K"



⚠ WARNING

To reduce risk of injury, everyone using, installing, repairing, maintaining, changing accessories on, or working near this tool must read and understand these instructions before performing any such task.

FOR DETAILED INFORMATION ABOUT CHICAGO PNEUMATIC AIR TOOLS AND EQUIPMENT CONTACT:

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