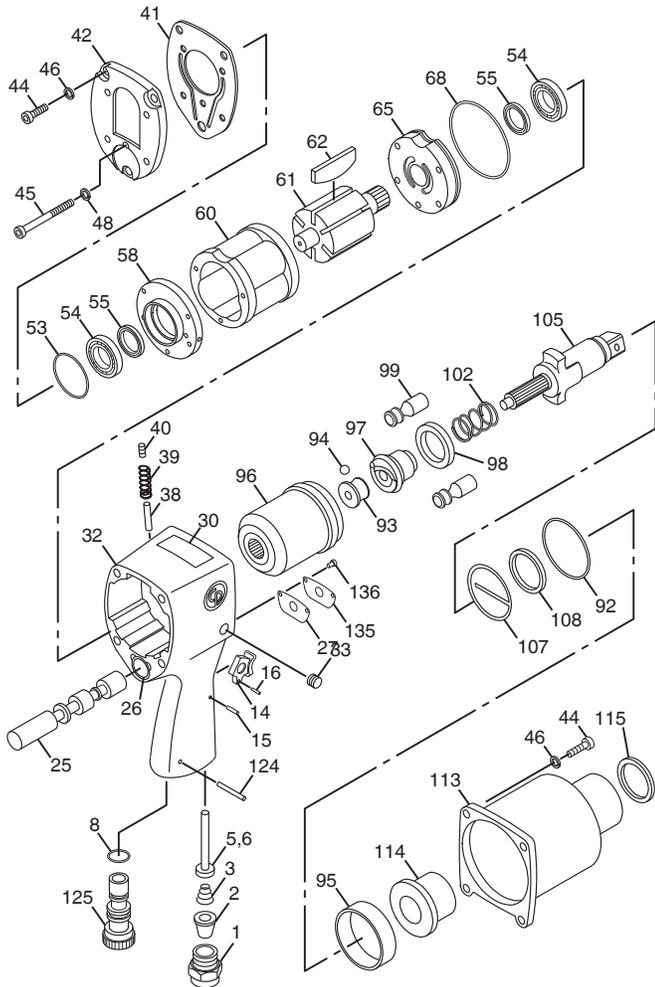




CP9561 Series Impact Wrench



Index No.	Part No.	Description	No. Req'd.
1	CA048426	Bushing-Air Inlet	1
2	KF137263	Strainer-Air	1
3	KF129148	Spring-Throttle Valve	1
5	KF129106	Valve-Throttle	1
6	KF129107	Pin-Throttle Valve	1
8	C045689	O-Ring (-016)	1
14	CA048432	Trigger-Throttle	1
15	S014764	Pin-Trigger	1
16	S009420	Screw-Set	1
25	CA048434	Valve-Reverse	1
26	KF129110	Bushing-Reverse Valve	1
27	C137321	Screen-Exhaust	1
30	CA144007	Decal-Warning (Models A & K)	1
	CA155779	Decal-Warning (Model L)	1
32	C137315	Housing-Motor (Incl.Index No. 26)	1
33	C089953	Plug-Pipe (1/6 in)	1
38	KF129070	Pin-Stop	1
39	CA048433	Spring-Stop Pin	1
40	CA047653	Screw Set	1
41	KF129125	Gasket-Housing Cover	1
42	KF129127	Cover-Motor Housing	1
44	C065376	Screw-Hex Socket Head Cap	8
45	CA048436	Screw-Hex Socket Head Cap	3
46	C012058	Lockwasher	8
48	S091250	Lockwasher (Model A & K)	3
	CA156065	Lockwasher (Model L)	3
53	C047451	O-Ring (-129)	1
54	S068659	Bearing-Ball	2
55	C087936	Seal-Oil	2
58	CA048439	Plate-Rear End	1
60	CA048437	Liner (Models A & K)	1
	CA148706	Liner (Model L)	1
61	CA048438	Rotor (12 Teeth) (Models A & K)	1
	CA148722	Rotor (Model L)	1
62	CA048469	Set-Rotor Blade (6) (Models A & K)	1
	CA149753	Set-Rotor Blade (6) (Model L)	1
65	CA048440	Plate-Front End	1
68	P083094	O-Ring (-230)	1
92	C137325	O-Ring (-040)	1
93	C117100	Pilot-Cam Ball (Discontinued)(Models A & K) Use CA147931 & CA147932	1
	CA147931	Pilot-Cam Ball (Model L)	1
94	CA048425	Ball-Steel (13/32 in. dia.)	1
95	C138836	Ring-Housing Adapter	1
96	CA102273	Cage-Hammer (Discontinued) (Models A & K) (Use CA147931 & CA147932)	1
	CA147932	Cage-Hammer (Model L)	1
97	C117099	Cam-Hammer	1
98	CA115994	Yoke-Hammer Cam	1
99	CA048418	Pin-Anvil Hammer	2
102	CA048414	Spring-Cam Release	1
105	C123745	Shank-Anvil (3/4 in/Sq. Dr.)	1
107	C134690	Ret-Ring	1
108	C117098	Spacer-Anvil	1
113	C137317	Housing-Clutch	1
114	C137323	Bushing-Clutch	1
115	C137324	Seal-Oil	1
124	G071660	Pin-Roll	1
125	KF129105	Valve-Air Regulating	1
135	C137319	Deflector-Exhaust	1

Tune-Up Kit

C137569 (Incl: Nos. 8, 41, 53, 55, 62, 68, 92 & 115)

Repair Kit RS (Model L)

CA157719 (Incl: Nos. 8, 41, 53, 55, 62, 68, 92, 93, 94, 97, 98, 99, 102, 105 & 115)

Accessories

CP Ret Ring Part No.	Identification Number Molded into Ring	Inside Diameter of Ret Ring (in.)	For use on Square Drive (in.)
C-155467	10005S	1-14"	3/4"
C-155468	10032S	1-7/16"	3/4"
C-134690*	10034S	1-5/8"	3/4"
C-134691	18708S	1-3/4"	3/4"
C-155585	18710S	2"	3/4"
C-155489	18715S	2-1/8"	3/4"
C-155586	18716S	2-1/4"	3/4"
C-155470	10008S	1-3/4"	1"
C-155471	10010S	2"	1"
C-155472	10015S	2-1/8"	1"
C-134692	10016S	2-1/4"	1"
C-155473	10017S	2-1/2"	1"
C-155474	10019S	2-5/8"	1"



Chicago Pneumatic

1800 Overview Drive • Rock Hill SC • 29730 USA

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 on page 12.
3. Minimum compressor requirement: 2 hp (1492 w), 40 gallon (152 l) air tank.

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. Check clutch oil once each month. Use 2 oz. (59 ml) of SAE #30 oil or equivalent.

Operation

1. This impact wrench is equipped with a regulator to enable adjustment of output power. Turn the regulator knob counter-clockwise for maximum power, clockwise to reduce power.
2. When tightening nuts not requiring critical torque values, run nut up snug and then tighten an additional one-quarter to one-half turn.

Noise & Vibration Declaration *

Sound pressure level 102 dB(A) in accordance with Pneuop PN8NTC1.2. For sound power, add 10 dB(A).

Vibration value 3.5 m/s², re. ISO 8662-7.

Maintenance

1. 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, detailed on page 12, are recommended: C137569 Tune-Up Kit , CA157719 Repair Kit (Model L).

*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 workplace 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.



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.

The goal of Chicago Pneumatic is to produce tools that help you work safely and efficiently. The most important safety device for this or any tool is YOU. Your care and good judgment are the best protection against injury. All possible hazards cannot be covered here, but we have tried to highlight some of the important ones.

For Additional Safety Information Consult:

- ▲ Your employer union and/or trade association.
- ▲ US Department of Labor (OSHA); www.osha.gov; Council of the European Communities europe.osha.eu.int.
- ▲ "Safety Code For Portable Air Tools" (B186.1) available from: www.ansi.com
- ▲ "Safety Requirement For Hand-Held Non-Electric Power Tools" available from: European Committee for Standardization, www.cenorm.be

Air Supply And Connection Hazards

- ▲ Air under pressure can cause severe injury.
- ▲ Always shut off air supply, drain hose of air pressure and disconnect tool from air supply when not in use, before changing accessories or when making repairs.
- ▲ Never direct air at yourself or anyone else.
- ▲ Whipping hoses can cause serious injury. Always check for damaged or loose hoses and fittings.
- ▲ Do not use quick disconnect couplings at tool. See instructions for correct set-up.
- ▲ Whenever universal twist couplings are used, lock pins must be installed.
- ▲ Do not exceed maximum air pressure of 90 psi (6.2 bar) or as stated on tool nameplate.

Entanglement Hazards

- ▲ Keep away from rotating drive.
- ▲ Do not wear jewelry or loose clothing.
- ▲ Choking can occur if neckwear is not kept away from tool and accessories.
- ▲ Scalping can occur if hair is not kept away from tool and accessories.
- ▲ Avoid direct contact with accessories during and after use. Gloves will reduce the risk of cuts or burns.
- ▲ Use only proper accessory retainers (see parts list). Use deep sockets wherever possible.

Projectile Hazards

- ▲ Always wear impact-resistant eye and face protection when involved with or near the operation, repair or maintenance of the tool or changing accessories on the tool.
- ▲ Be sure all others in the area are wearing impact-resistant eye and face protection.
- ▲ Even small projectiles can injure eyes and cause blindness.
- ▲ Do not use hand sockets. Use only impact wrench sockets in good condition.
- ▲ Sockets in poor condition or hand sockets used with impact wrenches can shatter.
- ▲ Always use the simplest hook-up possible. Long, springy extension bars and

CP 9561 SERIES

Impact Wrench

3/4" Square Drive Models "A", "K" & "L"

C137327 Rev.G

EC DECLARATION OF CONFORMITY

We, Chicago Pneumatic Tool Company, 1800 Overview Road, 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 1989 on the approximation of the laws of the Member States relating to machinery (89/392/EEC).

Machine Name CP9561 Series Impact Wrench

Machine Type Assembly Power Tool for Threaded Fasteners - No other use is permitted.

Serial No. Tools with No. 93001A or higher

Technical Data

3/4" (19 mm) Sq. Dr. Std.

Air pressure 90 psi (6.2 bar)

Torque range 100-500 ft.-lb. (136-680 Nm)

Ult. torque @ 90 psi (6.2 bar) 700 ft.-lb. (950 Nm)

Harmonized Standards Applied EN292

National Standards Applied ISO 8662-7, Pneuop PN8NTC1.2

Name And Position Of Issuer W.A. LeNeveu, President, Chicago Pneumatic Tool Company

Signature Of Issuer

Place And Date Of Issue Utica, NY 13501 USA, July 31, 1994

MANUFACTURER'S LIMITED WARRANTY

Limited Warranty: The "Products" of the Chicago Pneumatic Tool Company ("CP") are warranted to be free from defects in material and workmanship for one year from the date of purchase. This Warranty applies only to Products purchased new from CP or its authorized dealers. Of course, this Warranty does not apply to products which have been abused, misused, modified, or repaired by someone other than CP or its Authorized Service Representatives. If a CP Product proves defective in material or workmanship within one year after purchase, return it to any CP Factory Service Center or Authorized Service Center for CP tools, transportation prepaid, enclosing your name and address, adequate proof of date of purchase, and a short description of the defect. CP will, at its option, repair or replace defective Products free of charge. Repairs or replacements are warranted as described above for the remainder of the original warranty period. CP's sole liability and your exclusive remedy under this Warranty is limited to repair or replacement of the defective Product. **(There Are No Other Warranties Expressed Or Implied And CP Shall Not Be Liable For Incidental, Consequential, Or Special Damages, Or Any Other Damages, Costs Or Expenses Excepting Only The Cost Or Expense Of Repair Or Replacement As Described Above.)**

SAFETY INSTRUCTIONS

adapters absorb impact power and could break. Use deep sockets wherever possible.

- ▲ Never operate the tool off of the work. It may run too fast and cause the accessory to be thrown off the tool.
- ▲ Serious injury can result from over-torqued or under-torqued fasteners, which can break, or loosen and separate. Released assemblies can become projectiles. Assemblies requiring a specific torque must be checked using a torque meter.

Note: So-called "click" torque wrenches do not check for potentially dangerous over-torque conditions.

Workplace Hazards

- ▲ Slip/Trip/Fall is a major cause of serious injury or death. Beware of excess hose left on the walking or work surface.
- ▲ High sound levels can cause permanent hearing loss. Use hearing protection as recommended by your employer or OSHA regulation (see 29 CFR part 1910).
- ▲ Maintain a balanced body position and secure footing.
- ▲ Be in control of the throttle at all times. Do not get caught between the tool and the work.
- ▲ Repetitive work motions, awkward positions and exposure to vibration can be harmful to hands and arms. If numbness, tingling, pain or whitening of the skin occurs, stop using the tool and consult a physician.
- ▲ Avoid inhaling dust or handling debris from the work process which can be harmful to your health. Use dust extraction and wear respiratory protective equipment when working with materials which produce airborne particles.
- ▲ Proceed with care in unfamiliar surroundings. Be aware of potential hazards created by your work activity. This tool is not insulated for coming into contact with electric power sources.
- ▲ Some dust created by power sanding, sawing, grinding, drilling and other construction activities contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Some examples of these chemicals are:
 - Lead from lead based paints
 - Crystalline silica bricks and cement and other masonry products
 - And Arsenic and chromium from chemically-treated rubber

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles.

Additional Safety Topics

- ▲ This tool and its accessories must not be modified.
- ▲ This tool is not recommended for use in explosive atmospheres.
- ▲ Operators and maintenance personnel must be physically able to handle the bulk, weight and power of the tool.
- ▲ For professional use only.

DO NOT DISCARD - GIVE TO USER

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