

CNW 57 Operating Instructions



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For more information on this product visit

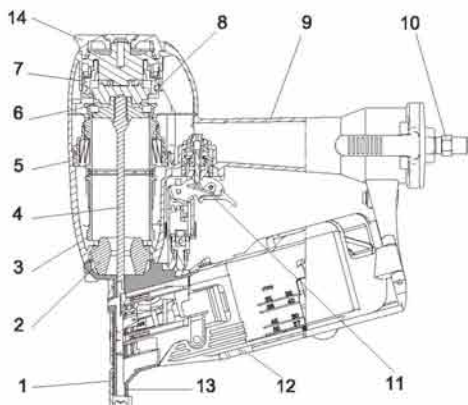
*[www.paslode.com.au](http://www.paslode.com.au)*

or speak to your local Paslode distributor



## Definition of parts

The pneumatic driving tool consists of 14 main parts.



- 1 Work Contacting Element
- 2 Bumper
- 3 Cylinder
- 4 Driver
- 5 Housing
- 6 Piston
- 7 Main Valve
- 8 Sleeve Seal
- 9 Handle
- 10 Connecting nipple (Hose)
- 11 Trigger
- 12 Magazine
- 13 Nose piece
- 14 Cap

## Tool functioning



Pneumatic driving tools (apart from smaller, low powered tools without Work Contacting Element) are actuated by (1) depressing the safety work contacting element by placing it on the work piece (2) and by pulling the trigger.

Releasing the trigger or lifting the tool from the work surface will allow piston return to start subsequent cycles. Nails are fed automatically from the magazine.

1) Trigger 2) Work Contacting Element 3) Magazine

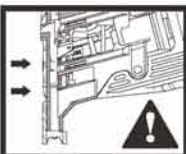


### Actuating system

The Work Contacting Element (2) prevents fasteners from being discharged freely.

**Note:**

Check operation of Work Contacting Element (2) daily, do not change or modify. When malfunctioning, have tool repaired by qualified service personnel only.



**Adjustment of driven depth.** This tool is equipped with an adjustable safety yoke/work contacting element to regulate the driving depth. Disconnect tool from air supply prior to any adjustment. Only adjust within the specified limits. See Operating Manual.



Tools marked with an equilateral triangle pointed downwards must be used with Work Contacting Element.



**Watch your work place!**

Fasteners may fire through the work piece and slide sideways through the work piece thus endangering people. Only operate tool when holding the nose on the work piece.



**Check contents:**

- Coil Nailing Tool
- Safety Glasses
- CNW 57 Operating Instructions
- No Mar Tip
- Allen Keys / Hex Keys
- Carry Case

## Prepare for use | Daily Maintenance

**Before use check:**

1. Smooth safety yoke movement
2. Trigger Movement
3. Worn or cracked handle
4. All screws and bolts are tight





## Pneumatic Fastener Driving Tools



Read the General Safety Operating Manual carefully before using your new tool.

Congratulations on buying a Paslode quality product! Your Paslode Tool will operate to your satisfaction for a long time if handled correctly and if all safety instructions are observed. Use Paslode specified fasteners and spare parts only.

## Safety Rules for Pneumatic Tools

Read the safety instructions manual carefully!

Failure to follow all safety instructions may result in severe injury to yourself or somebody else. Follow the maintenance instructions. Use Paslode specified fasteners and spare parts only. Paslode shall, in no event, be liable for the non-observation of these instructions.



Approved eye protection must be worn at all times by tool operators, and is recommended for persons working in the area where tools are being used.



Always wear hearing protection when operating tools, or when working in the vicinity of tools being used.



Never connect a tool to a bottled gas supply. Use only filtered, regulated, lubricated, compressed air.



For intricate fastening and accurate tool placement, i.e. when tool positioning requires the use of ladders, scaffolding, etc, when working close to edges, when closing cases and boxes, when fitting transportation actuating systems, it is required to use the sequential activating trigger method.



Use the tool only for intended application. Never engage in horseplay with the tool.



The tool is not a toy so do not use it like one. Never point the tool at yourself or any other person, even if you think it is not loaded.

Keep your hand clear of the nose piece when operating tools.



Keep portable fastener tools away from children and unauthorized persons



Do not weaken or damage the tool housing by punching or engraving. Be aware that the tool housing is a pressure vessel.

No tool modifications are permitted



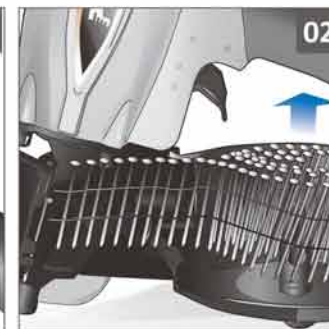
When operating, keep the tool away from your head and body to prevent injury by a kick back of the tool caused, for instance, by an air supply problem or hard spots in the work piece.



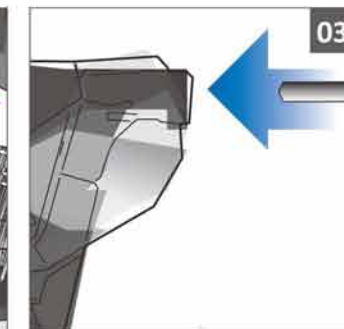
When loading the tool, do not operate trigger or safety yoke/work contacting element. When using a tool for the first time, fill magazine after connecting it to air line system.



01

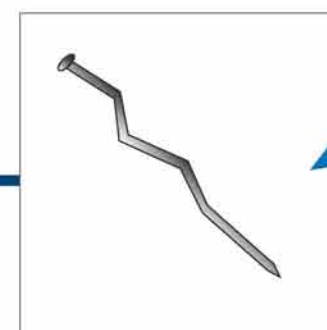


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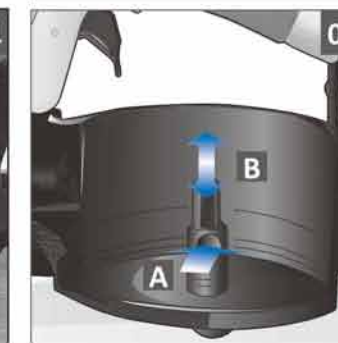
Clearing a nail jam  
Always disconnect from  
compressor's air supply



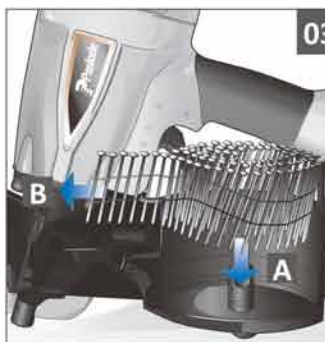
Take tool out of service immediately and  
have it serviced by an authorised service  
engineer.



01



02



03



04



05



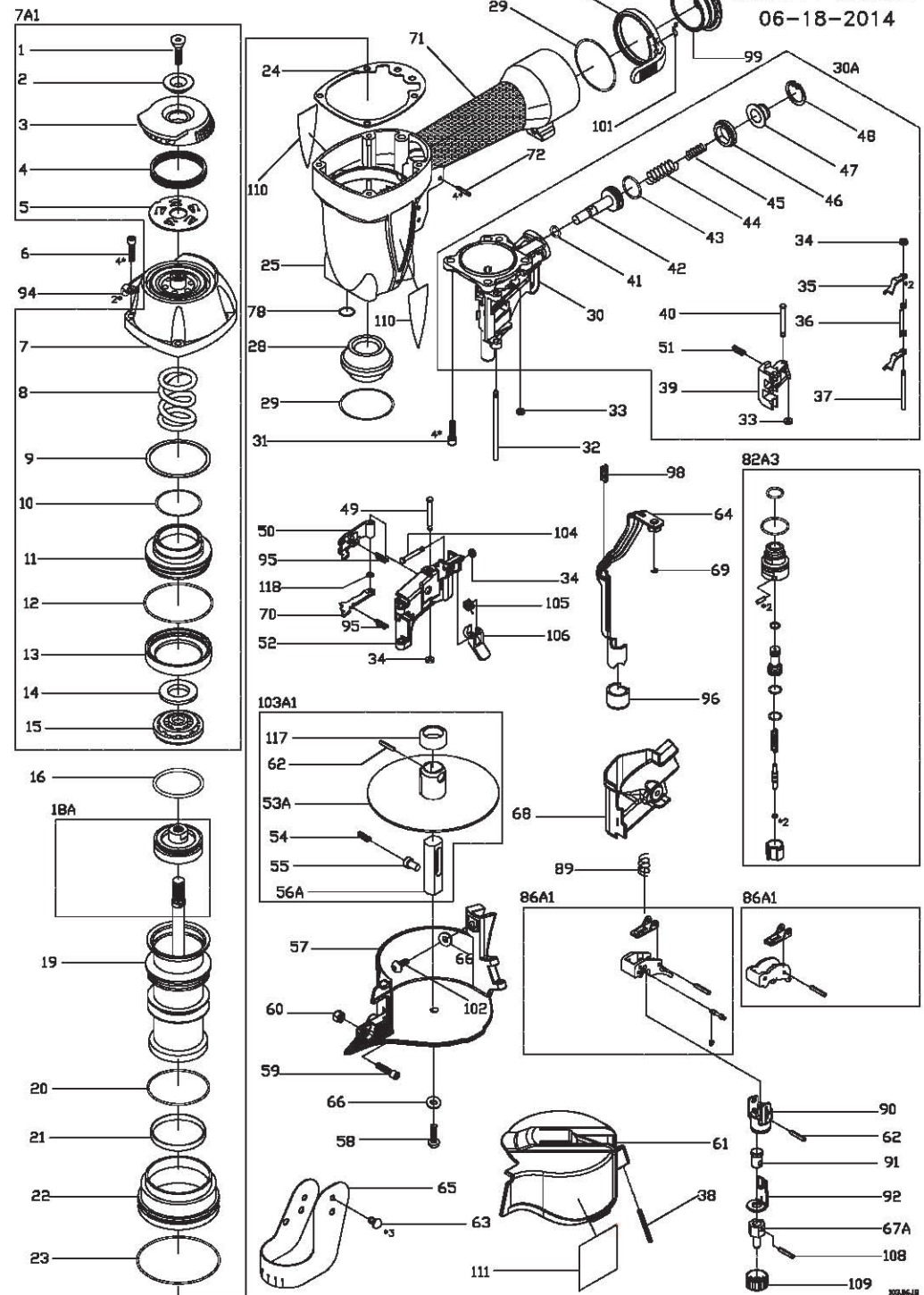
## Parts List

Item No	Part No	Description	Qty
1	613001	FLAT.HD.BOLT	1
2	613002	FRONT BRACKET	1
3	613415	EXHAUST COVER	1
4	613004	EXHAUST FILTER	1
5	613407	EXHAUST FILTER PLATE	1
6	613436	HEX.SOC.HD.BOLT	4
7	613240	CAP	1
8	613241	SPRING	1
9	613009	WASHER	1
10	613010	O-RING**	1
11	613011	PISTON HEAD VALVE**	1
12	613012	O-RING **	1
13	613013	SEAL **	1
14	613014	PLAIN WASHER	1
15	613015	PISTON STOPPER	1
16	613428	O-RING **	1
18A	613242	DRIVER ASSEMBLY **	1
19	613243	CYLINDER	1
20	613429	O-RING **	1
21	613244	CYLINDER RING	1
22	613245	COLLAR	1
23	613430	O-RING **	1
24	613417	GASKET **	1
25	613246	BODY	1
28	613247	BOTTOM BUMPER **	1
29	613029	O-RING **	1
30	613248	NOSE	1
31	613249	HEX.SOC.HD.BOLT	4
32	613250	STEPPED PIN	1
33	613034	RETAIN RUBBER	1
34	613047	RETAIN RUBBER	3
35	613251	CHECK PAWL	2
36	613049	SPRING	1
37	613050	STEPPED PIN	1
38	613252	ROLLED PIN	1
39	613253	FEED PAWL	1
40	613044	STEPPED PIN	1
41	613036	O-RING	1
42	613037	FEED PISTON	1
43	613038	O-RING **	1
44	613039	SPRING	1
45	613040	SPRING	1
46	613254	FEED PISTON STOP	1
47	613042	SPRING COLLAR	1
48	613043	C-RING	1
49	613255	STEPPED PIN	1
50	613256	RATCHET	1

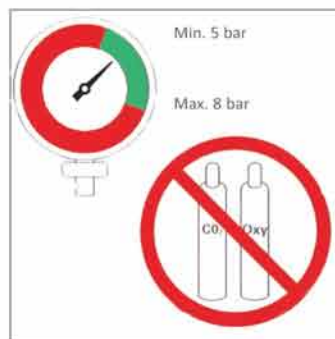
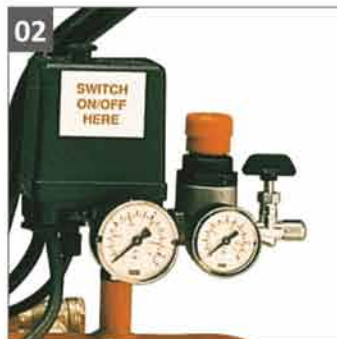
\*\* Denotes Wear item

## CNW 57

Item No	Part No	Description	Qty
51	613045	SPRING	1
52	613257	DOOR	1
54	613067	SPRING	1
55	613068	SET SHAFT	1
56A	613069	SLIDE ROD	1
57	613258	MAGAZINE	1
58	613071	UM.HD.BOLT	1
59	166063	HEX.SOC.HD.BOLT	1
60	613207	LOCK NUT	1
61	613259	MAGAZINE COVER	1
62	400828	ROLLED PIN	1
63	613064	RUBBER INSERT	3
64	613260	SAFETY ASSY	1
65	613063	DUST COVER	1
66	070545	FLAT WASHER	2
67A	613261	ADJ. BOLT	1
68	613262	NOSE COVER	1
69	613202	E-RING	1
70	613263	CHECK PAWL	1
71	613028	RUBBER GRIP	1
72	613031	ROLLED PIN	4
78	613264	O-RING **	1
82A3	613124	SWITCH ASSY **	1
86A1	613095	SEQUENTIAL TRIGGER (GREY)	1
	613096	BUMP TRIGGER (ORANGE)	1
89	613212	SPRING	1
90	613214	TRIP GUIDE	1
91	613215	SET SHAFT	1
92	613216	CONTACT TRIP BLOCK	1
94	613265	PROTECTOR	2
95	613266	SPRING	1
96	613267	NO MAR TIP **	1
98	613060	SPRING	1
99	613218	COVER	1
100	613224	HOOK	1
101	613225	HOOK PLATE	1
102	615942	UM.HD.BOLT	1
103A1	613268	NAIL ADJ.SUPPORT	1
104	613219	STEPPED PIN	1
105	613220	SPRING	1
106	613221	DOOR LOCK	1
108	613222	ROLLED PIN	1
109	613223	ADJ. WHEEL	1
110	613269	LOGO HOUSING LABEL	1
111	613270	MODEL LABEL	1
117	613271	METAL PAD	1



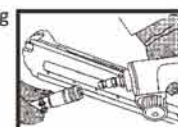
## Prepare for use | Compressor Pressure



Carry the tool only by grasping the handle firmly without touching the trigger. Do not carry the tool by the hose or trigger



All tools should be fitted with quick release connectors, male plug must be fitted to the tool body. Use only brands that release pressure when supply is disconnected.



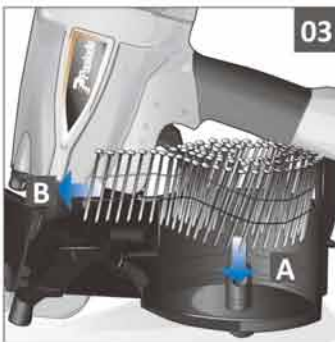
Always disconnect from compressed air supply before servicing, adjusting the tool, or clearing a jam.



Fastener driving tools and fasteners must be regarded as a combined safety system.

For use only with timber to timber fixing or materials of similar or lesser density. Paslode approval for use with metal connecting plates (up to 100mm max) with Paslode hardened steel nails.

## Prepare for use | Loading Nails



## Installation



Compressor size, air distribution lines, air system maintenance, sufficient air supply and additional capacity will influence performance and fastening speed. Consult your Paslode Representative.

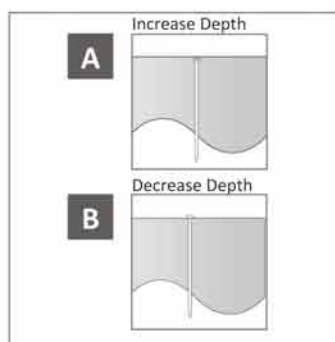
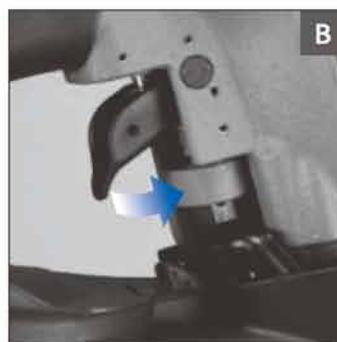
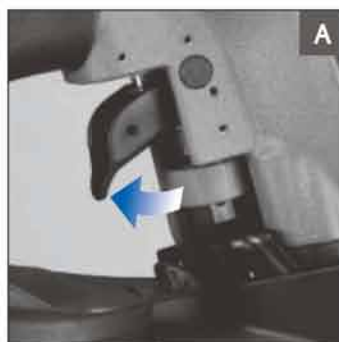


The maximum air pressure, as specified for pneumatic Paslode fastener tools, must not be exceeded. Bar 7.6 (110 psi)



Use the minimum pressure required to achieve acceptable fix. The use of excessive pressure increases wear and sound levels. Only connect tools to lines where pressure is regulated and appropriate pressure relief valves are installed. Each take off point on the main line should be fitted with a filter – regulator – lubricator. Filters should be of the “auto drain” type or alternatively be manually drained on a daily basis. For compressed air lines without lubrication, an “in-line” lubricator should be fitted to the tool or manually lubricated directly into the tool air inlet.

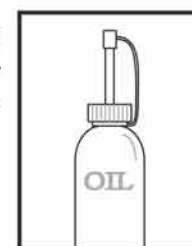
## Prepare for use | Adjust the depth of drive with thumb wheel for desired depth of drive.



The diameter of the air distribution line must be sufficient. The air pressure drop when driving fasteners should not exceed 0.5 bar. The hose should be as short as possible, as a long hose could cause a drop in air pressure. The minimum diameter required for the hose is 10mm (3/8”), 13mm (1/2”) for larger tools. For further details about air consumption and other technical data, please see attached data sheet.



Periodically, check tension of all nuts and bolts on the tool. Maintenance should only be carried out by competent persons.



Keep the tool clean and properly lubricated. Inject daily some drops of special Paslode oil through the air connector (into the air intake opening).



Declaration of conformity

We declare that this product is in conformity with the following standards or other normative documents.

EN 292-1:1991; EN 22-2: 1995; EN349:1993; EN 792-13:2001

Following the provision of EEC Directives

Technical Specifications

Dimensions		CNW 57
Fastener Specification	Diameter	2.1 x 2.8mm
	Length (Wire)	25 - 57mm
	Length (Plastic)	25 - 57mm
Tool Weight		2.48kg
Dimensions	A	289mm
	B	133mm
	C	283mm
Operating Pressure	Min - Max	4.8 - 7.6 bar
Load Capacity-magazine	Nails approx	250 - 400
	Max	110
Noise Level	L WA, 1s	98 dB (A)
	L pA, 1s	89 dB (A)
	LpA, 1s 1m	85 dB (A)
Vibration Value	a hwz	3.01 m/s²

Normative Documents

EN 12549: 1999/2, EN ISO 8662-11: 1999

Troubleshooting

Problem	Corrective Action
Fasteners not driven completely into wood	Increase air pressure (do not exceed maximum pressure as specified) Adjust Work Contacting Element Remove No Mar
Fasteners driven too far below surface	Reduce air pressure. Adjust Work Contacting Element. Add No Mar to the Work Contact Element
At higher driving speed, last fasteners in the magazine are not driven properly	To increase air flow to tool, use larger air lines Example: Change from 3/8" (10mm) to 1/2 " (13mm)
Fasteners jam in nose piece of tool	Disconnect air supply. Clear the jam with the quick clear system or with a punch
Tool operates, but no nail is driven	Have fasteners been inserted properly into magazine? Adjust magazine where applicable for proper fastener length. Clean magazine. Check if correct fasteners are used
Air leaks at cap, at silencer cap or nose piece	Tighten screws at cap and nose piece

In case you cannot solve the problems send your tool to your local Paslode service centre. Never work with a damaged tool. Repairs may be carried out by Paslode repair agents who have a thorough knowledge of pneumatic driving tools and who are able to judge the safe condition of the tool.

Daily Maintenance

- Before operating check for correct air pressure (see max. specified air pressure)
- Check before operating if correct fasteners are being used (Use Paslode fasteners only as specified on data sheet )
- Check that all bolts on tool are tight
- Ensure that the safety yoke / WCE moves freely
- Check for position of magazine including tightening of knobs, where appropriate
- Keep magazine and feeder mechanism clean
- Drain water separator daily
- Clean air line filter and keep lubricator filled
- Disconnect tool from air supply and empty magazine when job is completed
- In case of any trouble, stop operating at once

Following these steps ensures your safety, improves tool functioning and reliability