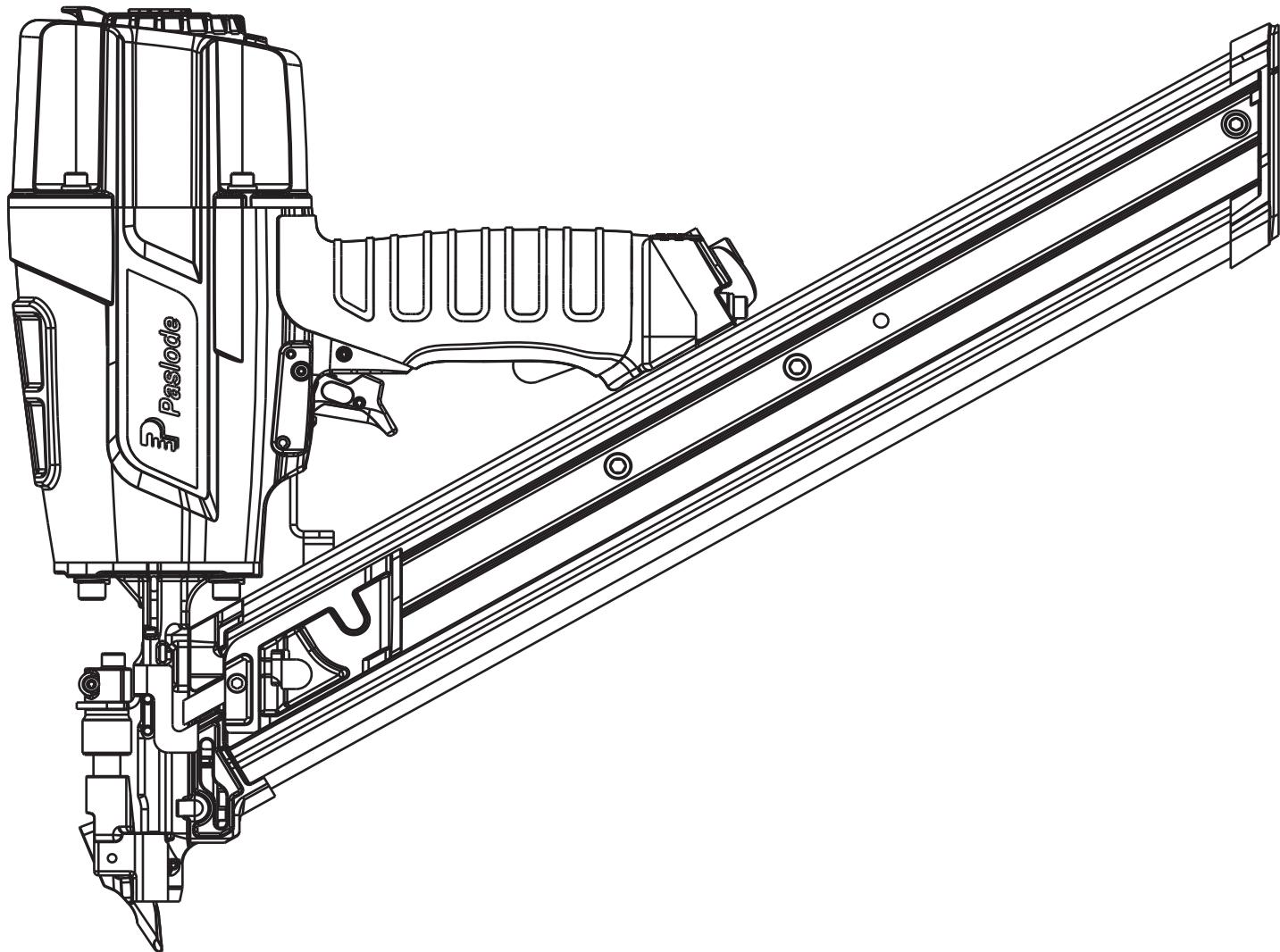




Positive Placement® Metal Connector Nailer MODEL PF250S-PP



IMPORTANT! DO NOT DESTROY

It is the customer's responsibility to have all operators and service personnel read and understand this manual.

OPERATING MANUAL AND SCHEMATIC

INTRODUCTION

The **PASLODE® PF250S-PP Positive Placement® Metal Connector Nailer** is a quality-built tool designed for use in residential framing applications. This tool will deliver efficient, dependable performance when used according to the manufacturer's guidelines. Please study this manual, including the safety instructions, to fully understand the operation of this tool.

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TOOL AND FASTENER SPECIFICATIONS

TOOL SPECIFICATIONS

MODEL NO.	PF250S-PP (Part# 511800)
HEIGHT	14"
WIDTH	3.7"
LENGTH	17.4"
WEIGHT	7 lbs. 10 oz.
OPERATING PRESSURE	90 to 120 psi (6.2 to 8.3 bar)
MAGAZINE TYPE	30 Degree, Strip

FASTENER SPECIFICATIONS

NAIL LENGTH	1-1/2" to 2-1/2"
SHANK DIAMETER	.131 to .162
NAIL COATINGS	Heat Treated, Galvanized Heat Treated

TOOL AIR FITTINGS:

This tool uses a 1/4" N.P.T. male plug. The fitting **must** be capable of discharging tool air pressure when disconnected from the air supply.

OPERATING AIR PRESSURE:

90 to 120 psi (6.2 to 8.3 bar). Select the operating air pressure within this range for best tool performance.

DO NOT EXCEED THIS RECOMMENDED OPERATING PRESSURE.

SAFETY INSTRUCTIONS

SAFETY FIRST

These safety instructions provide information necessary for safe operation of Paslode® tools. **DO NOT ATTEMPT TO OPERATE THE TOOL UNTIL YOU READ AND UNDERSTAND ALL SAFETY PRECAUTIONS AND MANUAL INSTRUCTIONS.**

WEAR EYE AND HEARING PROTECTION



Always wear hearing and eye protection devices, that conform to ANSI Z87.1 requirements, when operating or working in the vicinity of a tool. As an employer you are responsible for enforcing the use of eye protection. Wear hard hats in environments that require their use.

THE TOOL MUST BE USED ONLY FOR THE PURPOSE FOR WHICH IT WAS DESIGNED

Do not throw the tool on the floor, strike the housing in any way or use the tool as a hammer to knock material into place.

NEVER ENGAGE IN HORSEPLAY WITH THE TOOL

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

NEVER ASSUME THE TOOL IS EMPTY

Check the magazine for fasteners that may be left in the tool. Even if you think the tool is empty or disconnected, never point it at anyone or yourself. Unseen fasteners could fire from the tool.

NEVER CLAMP THE TRIGGER IN A LOCKED OR OPERATING POSITION

The trigger of the tool must never be tampered with, disabled or clamped in a locked or operating position since this will cause the tool to drive a fastener any time the work contacting element depressed.

DO NOT LOAD FASTENERS WITH THE AIRLINE CONNECTED, OR WITH THE TOOL TRIGGER OR WORK CONTACT DEPRESSED

When loading fasteners into the tool be sure you disconnect the air line and that you do not depress the trigger or work contacting element.

OPERATE THE TOOL ONLY ON A WORKPIECE



The tool should be operated only when it is in contact with the workpiece. Even then you should be careful when fastening thin material or working near the edges and corners of the workpiece since the fasteners may drive through or away from the workpiece.

DO NOT DISABLE OR REMOVE THE WORK CONTACT ELEMENT

This tool is equipped with a safety mechanism, called a work contacting element, to help prevent accidental firing. Never tamper with, disable or remove the work contact element. Do not use the tool unless the work contacting element is working properly. The tool could fire unexpectedly.

DISCONNECT THE TOOL WHEN NOT IN USE

Always disconnect the tool from the air line when it is not in use, when you leave the work area or when moving the tool to a new location. The tool must never be left unattended because people who are not familiar with the tool may handle it and injure themselves or others.

CARRY THE TOOL BY THE HANDLE



Always carry the tool by the handle only. Never Carry the tool by the air hose or with the trigger depressed since you could drive a fastener unintentionally and injure yourself or someone else.

DO NOT WEAKEN THE THE TOOL HOUSING

The tool housing is a pressure vessel and should never be weakened by having your company's name, area of work or anything else stamped or engraved into its surface.

DISCONNECT THE TOOL WHEN PERFORMING REPAIRS AND CLEARING JAMS

Never attempt to clear a jam or repair a tool unless you have disconnected the tool from the airline and removed all fasteners from the tool.

ALWAYS USE THE PROPER FITTING FOR THE TOOL

Only MALE pneumatic type air connectors should be fitted to the tool, so that high pressure air in the tool is vented to atmosphere as soon as air line is disconnected.

NEVER install FEMALE quick disconnect couplings on the tool. Female couplings will trap high pressure air in the tool when the air line is disconnected, leaving the tool charged and able to drive at least one fastener.

DO NOT EXCEED THE MAXIMUM RECOMMENDED AIR PRESSURE



Operate the tool at the recommended air pressure. Do not exceed the maximum air pressure marked on the tool. Be sure the air pressure gauge is working properly and check it at least twice a day.



Never use any bottled air or gases such as oxygen to operate the tool since they could cause the tool to explode.

INSPECT THE TOOL FORPROPER OPERATION

Clean the tool at least daily and lubricate as required. Never operate a dirty or malfunctioning tool.

USE ONLY PASLODE RECOMMENDED PARTS AND FASTENERS

Use only parts and fasteners specifically designed and recommended by Paslode for use in the tool and for work to be done. Using unauthorized parts and fasteners or modifying the tool in any way creates dangerous situations. Replace all missing warning labels---refer to tool schematic for correct placement and part number.

WARNING

Failure to follow any of the above instructions could result in severe personal injury to tool user and bystanders or cause damage to tool and property.

Contact your local Paslode Representative for a presentation of Paslode's Safety Awareness Program.

TOOL INSTALLATION

DANGER

Air Pressure at the tool must never exceed 120 psi.

Your Paslode tool comes ready for immediate use and can be installed by following these steps:

1. SAFETY - All tool operators and their immediate supervisors must become familiar with the operator safety instructions before operating the tool. The instructions are on page 4 of this manual.
2. Included with each tool is a copy of the operation manual and schematic. Keep this publication for future reference. An ownership registration card is also included. This card must be completed and returned to Paslode immediately to register your ownership.
3. The plastic cap in the air inlet of the tool must be removed before the male fitting is installed. The fitting must be a male pneumatic type that discharges the air from the tool when the air line is disconnected.
4. Install a filter/regulator/lubricator unit, with a gauge as close as practical to the tool, preferably within ten feet. Refer to the Air Systems section of this manual for air hose requirements and lengths. In general, no other special installation is required.
5. If the operator is working at a bench or table, it is usually best to run the air line underneath the bench. A small tray under the benchtop can hold the fastener supply and the tools when not in use.
6. If this tool does not work when it is first connected, do not try to make repairs. Call your Paslode representative immediately.

TOOL OPERATION

Note:

Follow the metal connector manufacturer's instructions when installing the nails. Always use the nail size specified by the metal connector manufacturer and/or the local building codes.

WARNING

Use only fasteners that meet Paslode specifications.
Use of fasteners that do not meet Paslode specifications can result in damage to the tool or injury to the operator or bystanders.

Driving of Nails

The tool is equipped with a sequential (gray) trigger to operate the tool.

- Depress the work contacting element and hold it against the work surface before pulling the trigger.
- After each fastener is driven, completely release the trigger and lift the tool from the work surface.

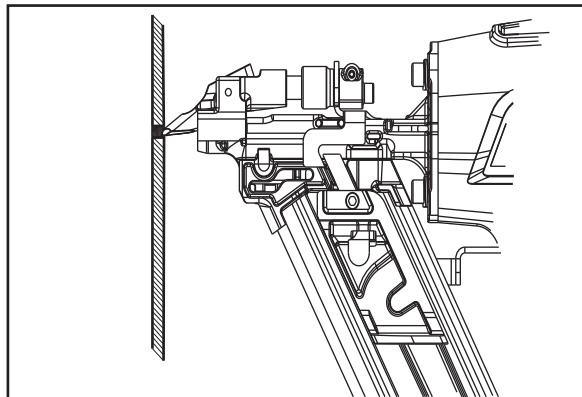
WARNING

Do not clamp or hold the trigger with anything other than your hand.

Nose Probe

The nose probe's unique design allows you to locate the hole on the metal connector.

1. Place the nose probe into the hole of the metal connector.
2. Hold the tool perpendicular to the metal connector.
3. Depress the work contact element and hold it against the work surface then pull the trigger.

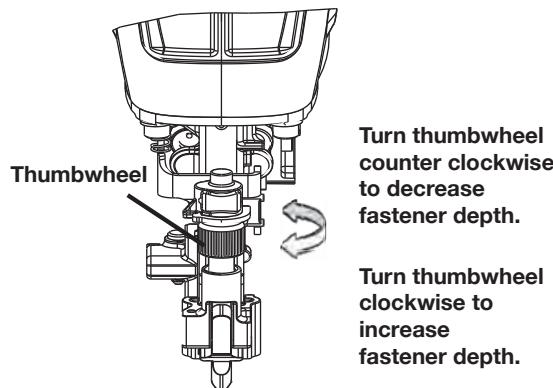


Note:

The probe is a wear item and should be replaced when it can no longer locate the hole in the metal hardware.

TOOL OPERATION-continued

Tool Free Depth of Drive Adjustment

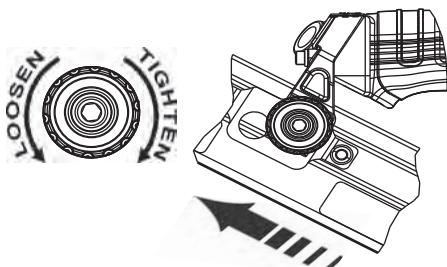


Clearing a Jam

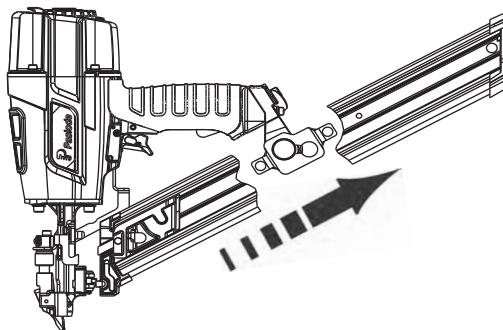
The PF250S-PP is equipped with a tool free Quick Clear feature to allow you easy access to the nose and magazine for clearing a jam.

Quick Clear Magazine Removal

1. Disconnect the air supply from the tool and all the nails from the magazine.
2. Turn the Quick Clear knob fully counterclockwise.

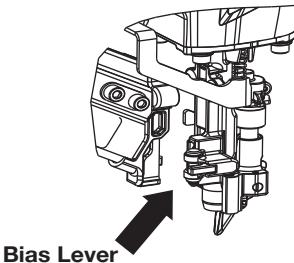


3. Slide the magazine back in the mounting bracket until the front of the magazine clears the guide pins located on the nose. Pivot or remove the magazine for inspection.



3. (continued)

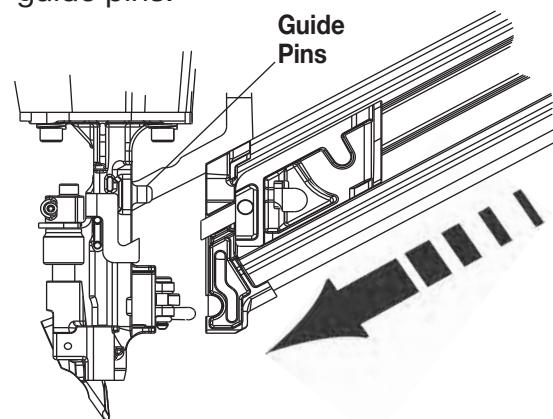
Remove the jammed fastener from the nose of the tool and push the driver up into the tool.



Inspect the bias lever in the nose for proper operation.

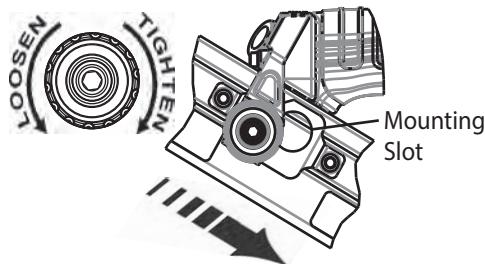
Quick Clear Magazine Installation

1. Place the large magazine mounting hole over the mounting lug.
2. Align magazine mounting holes with the guide pins.



3. Slide the magazine forward inserting the nose guide pins into the magazine holes.

4. Turn the Quick Clear Knob clockwise until fully tightened.



AIR SYSTEMS

For air-powered tools to work their best, the air supply system must be properly installed and maintained regularly. A drawing in this section shows a properly installed air supply system. Handy checklists for installing and maintaining air supply systems follow.

Indoor Air System Installation

-Be certain that:

- All pipes supplying air have a large enough inside diameter to ensure adequate air supply.
- The main supply pipe slopes down, away from the compressor (1/16 inch per foot).
- Air storage is provided along lengthy air lines.
- Pipe line branch outlets are at the top of the main pipe line.
- Cutoff valves are provided at each branch pipe line throughout the system.
- Water legs extend from the bottom of each branch line.
- A refrigerant-type dryer is installed on the system.
- Air hoses are kept as short as practical.
- A regular maintenance program is followed.

Outdoor Air System Installation

-Be certain that:

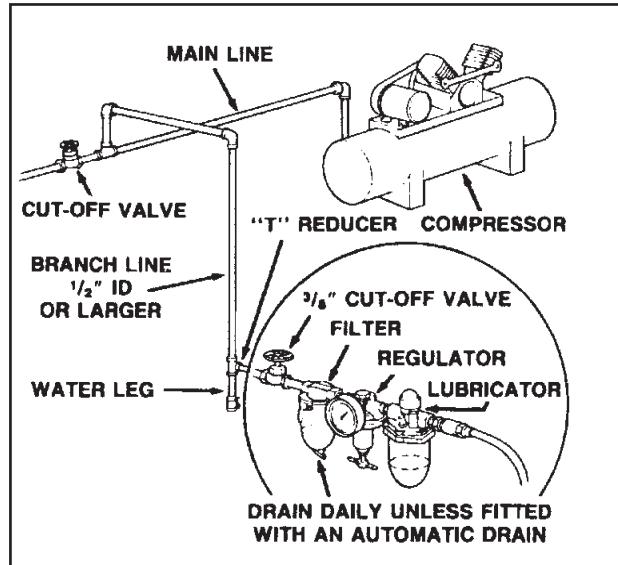
- A moisture trap and a filter/regulator/lubricator are installed at the compressor.
- Air hoses and fittings are large enough so that air flow is not restricted. Minimum hose size is 3/8 inch ID with 1/2 inch ID hose used for any application over 25 feet.

- Air hoses are not longer than 150 feet.
- The air system is lubricated regularly.
- A regular maintenance program is followed.

Filter/Regulator/Lubricator Units

Filter/regulator/lubricator units that can supply enough air and protection for Paslode tools must meet the following specifications:

- Minimum 3/8 inch NPT port size .
- 50 micron or fine filters.
- Regulated pressure from zero to 120 psi.
- Lubricators designed for low or changing airflow.



AIR SYSTEMS - Continued

Calculating Compressor Size

Use the air consumption chart in the Tool Schematic for each tool when calculating the operating requirements for the tools. Paslode tools are designed to operate efficiently between 80 and 120 psi and should never be operated at pressure greater than 120 psi. The air consumption chart will help you find the correct compressor size for your application that will quickly replenish tool air pressure. To use the chart you will need to know how many tools will be used and approximately how many fasteners will be driven each minute by each tool on the line. Using the equation:

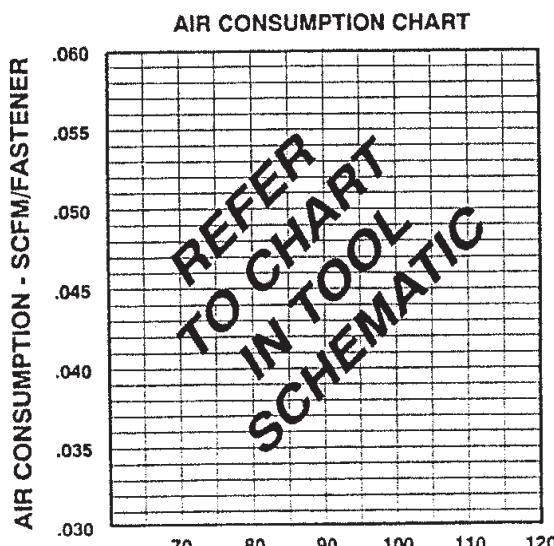
Number of tools X average fasteners/minute/tool X 1.2 (safety factor) X air consumption (scfm) @ pressure* (psi) = scfm required.

We can use the following example:

10 tools X 30 fasteners/minute/tool X 1.2 X 0.051scfm* (@100psi) = 18.36 scfm.

*This number is found in the Air Consumption Chart

In this example, using the air consumption chart we find that a compressor providing at least 19 scfm of air is required. Because in compressors approximately 1 hp is required to produce 4 scfm, a compressor of at least 5 hp is required.



Calculated Required Piping

For example, given a 20 hp electric compressor supplying approximately 80 cfm of air at 120 psi and a main supply pipe length of 350 feet, we see by the table the minimum main pipe inside diameter required for this application is 1-1/4 inch.

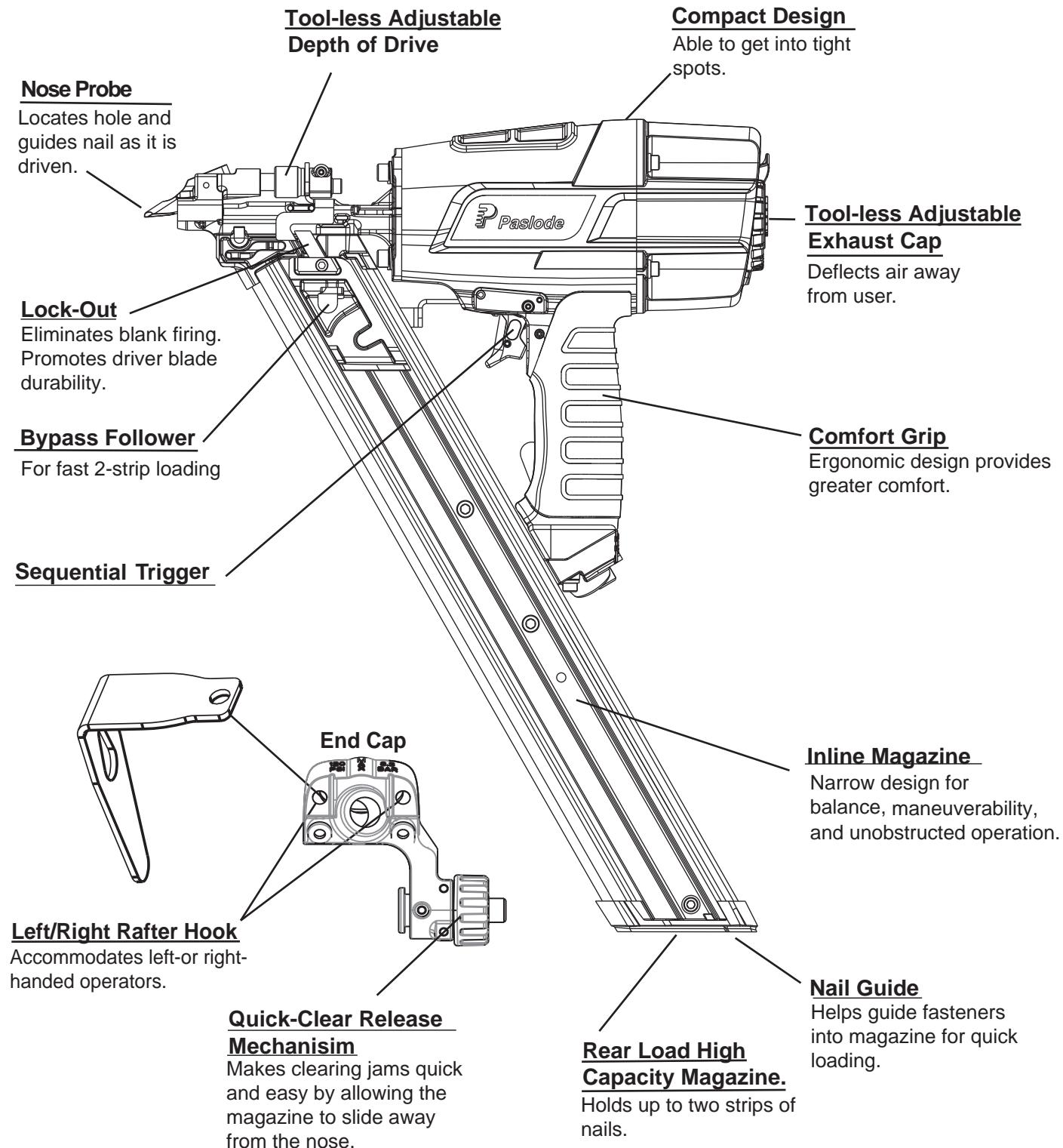
VOLUME OF AIR (CFM)	LENGTH OF RUN (FT.)				
	50-200	200-500	500-1000	1000-2500	2500-5000
	NOMINAL PIPE DIAMETER (IN.)				
30-60	1	1	1 1/4	1 1/2	1 1/2
60-100	1	1 1/4	1 1/4	2	2
100-200	1 1/4	1 1/2	2	2 1/4	2 1/2
200-500	2	2 1/2	3	3 1/2	3 1/2
500-1000	2 1/2	3	3 1/2	4	4 1/2

Pneumatic System Maintenance

- Be certain that:

- Pneumatic fittings are tight and do not leak.
- Water legs, filters and air lines are drained daily, and ensure that automatic draining systems are operating correctly.
- Air lines are cleared to prevent freezing, especially in winter.
- Lubricator operation is checked regularly and ensure it has an adequate supply of lubricant. (Paslode Part No. 403720)
- The filter element is cleaned every six months.
- Only regulated air is being used and that each regulator is operating properly.

PF250S-PP FEATURES AND BENEFITS



Positive Placement®

PARTS LEGEND Metal Connector Nailer PF250S-PP 511800

1	502330	1	Main Valve Nut	* 49	092747	1	O-Ring
2	502304	1	Air Deflector	50	502060	1	Spring, Trigger
3	502343	1	Wave Washer	51	502225	1	Trip Lever
▲ 4	502339	4	S.H.C.S. #10-24 x 7/8"	52	091866	1	Roll Pin 1/8" x 3/4"
5	408302	7	Flat Washer	* 53	502042	1	O-Ring
6	511803	1	Cap	54	513103	1	Trigger Body, Sequential
7	502313	1	Gasket, Cap	55	511806	1	Nose
8	360594	1	Spring,	56	002187	5	Lock Washer
* 9	202382	1	O-Ring	▲ 57	091545	4	S.H.C.S. 1/4-20 x 7/8"
*10	201806	1	O-Ring	58	511824	1	Spring, Bias Lever.
*11	539676	1	O-Ring	59	513107	1	Bias Lever Pin
*12	502056	1	Exhaust Seal Assembly	* 60	501410	1	O-Ring, Retainer
13	1011802	1	Washer	61	511808	1	Bias Lever
▲ 14	502327	1	B.H.C.S. 1/4-20 x 1-1/2"	62	511821	1	W.C.E., Upper
*15	502311	1	Piston Seal	63	502328	1	Spring
16	511809	1	Sleeve,Cylinder	64	404361	1	Roll Pin
*17	092971	1	O-Ring, Flange	65	502049	1	Ball, Detent
18	502307	1	Flange	66	502061	1	Spring
*19	192799	1	O-Ring, Flange	67	503069	1	Detent Body
*20	502310	1	Check Band	68	511015	1	Thumbwheel Assy.
*21	502317	1	Bumper	69	502325	1	Roll Pin
*22	511587	1	Blade Seal	70	511820	1	W.C.E. Lower
23	502302	1	Housing W/Overmolded grip	71	007631	1	Roll Pin
24	511825	1	S.H.C.S. 5/16-18 x 3/8"	72	511059	1	Probe
25	404274	1	Washer	▲ 73	502337	4	S.H.C.S. 1/4-20 x 3/8"
26	511804	1	Quick Clear Knob	74	502323	1	Magazine Washer
27	511826	1	Hex Spacer	** 75	511822	1	Label, Model
28	502332	1	Rafter Hook	76	511812	1	Magazine Mount
29	502345	1	S.H.C.S. 5/16-18 x 5/8"	77	511827	1	Quick Clear Label
30	502034	1	Label, Housing-Right	78	513109	1	Label, Fastener Usage/ Follower Release
31	502035	1	Label, H ousing-left	79	092037	1	Lock Nut
32	380931	1	Roll Pin 3/16 x 1-1/2"	80	511523	1	End Cap, Magazine
33	502033	1	W.C.E. Guide Block	▲ 81	502347	1	S.H.C.S. 10-32 x 5/8"
34	502333	1	Roll Pin, Trigger 1/8 x 1-1/2"	82	511807	1	Shear Block
35	403796	1	Roll Pin, Trigger 1/8 x 1-1/4"	83	511819	1	Magazine
36	026133	3	Roll Pin,End Plug	84	502928	1	Label, Logo
*37	402963	1	O-Ring, End Plug	85	513101	1	Follower Claw
38	511805	1	End Plug, Housing	86	502340	1	Spiral Pin
▲ 39	511811	1	Mounting Lug	87	502025	1	Spring Drum Assembly
40	511829	2	S.H.C.S. #10-24 x 1-1/8"	88	502226	1	Negator Spring
41	502324	1	Pin, Trigger	89	502020	1	Spring, Follower Body
*42	197913	1	O-Ring	▲ 90	500627	1	B.H.C.S. 8-32 x 1/2"
43	502044	1	Upper Valve Spool	91	502318	1	Follower Body
44	502059	1	Spring, Valve Pin	92	502335	1	Lockout Bar
*45	1015358	1	O-Ring	93	513106	1	Bias Lever Bracket
46	502045	1	Valve Pin				
*47	196345	1	O-Ring				
48	502043	1	Lower Valve Spool				

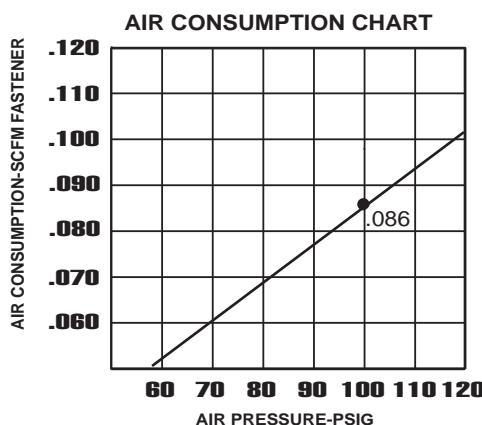
* Denotes Normal Wear Items

** Make sure Warning Label (Part No. 511822) is properly affixed. Replace if necessary. Label available at no charge through the Service Department.

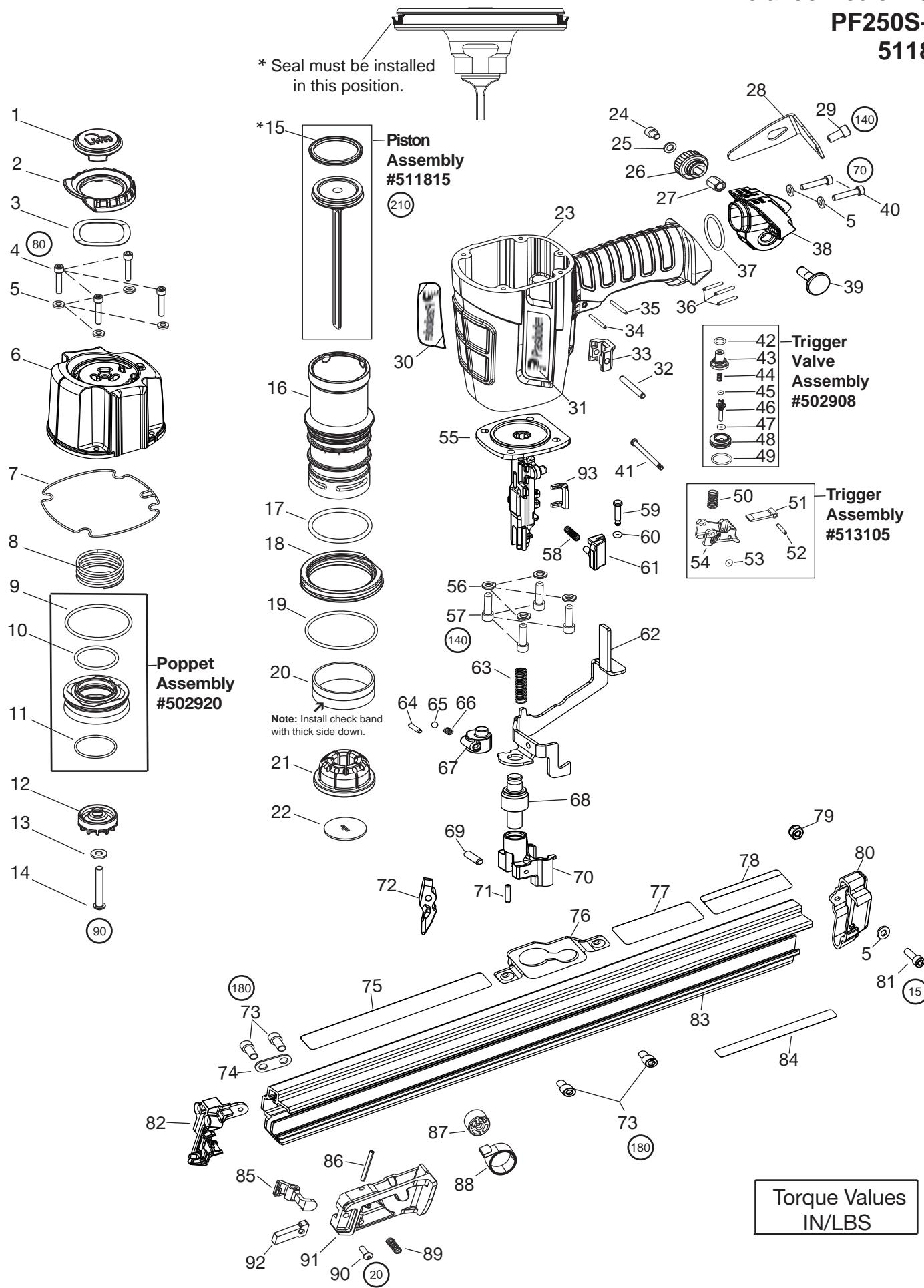
▲ Apply Loctite® 242 (Blue) PartNo. 093500

→ Denotes New Change

⚠ WARNING	
All parts must be periodically inspected and replaced if worn or broken. Failure to do this can affect the tool's operation and present a safety hazard.	



Positive Placement®
Metal Connector Nailer
PF250S-PP
511800



MAINTENANCE

Paslode® tools are built for ease of maintenance. A few simple details will assure trouble-free operation and long tool life. Anyone who uses or maintains the tool must read the safety and maintenance instructions. Study the schematic drawing before starting any repairs on the tool.

Air-operated tools must be inspected periodically, and worn or broken parts must be replaced to keep the tool operating safely and efficiently. Also the items on the maintenance chart must be checked often.

Cold Weather Care

When temperatures are below freezing, tools should be kept warm by any convenient, safe method. If this is not possible, the following procedure should be used to warm up the tools.

- ❑ Reduce the regulated air pressure to 30 psi.
- ❑ Remove all fasteners from the tool.
- ❑ Connect an air line and blank fire the tool. The reduced air pressure will be enough to free-fire the tool. Slow speed operation tends to warm up the moving parts. Slowing up the piston helps the bumper and the O-rings to become springy.



CAUTION

Never free-fire the tool at high pressure.

- ❑ Once the tool is warmed up, readjust the regulator to the proper working pressure and reload the tool.
- ❑ Tool operators working outdoors or in unheated areas in extremely cold temperatures should also:

Use Paslode® pneumatic oil with antifreeze in the lubricator, Part No. 219090 (8oz.)



CAUTION

Never use kerosene or flammable solvents to clean the tool.

Cleaning the air-operated tools with solvents removes the thin coating of grease applied to the cylinder wall and O-rings at the factory. To replace this coating of grease, use Chemplex® grease (Paslode® Part No. 403734).

- ❑ Open the drain on the air compressor tank to drain any moisture at least daily in extremely cold or humid weather. A few ounces of antifreeze in the tank will keep the air free of frost.

Testing the Tool After Servicing

After replacing any part or parts, it is important to check the tool for proper operation. This ensures that the tool was put together correctly, is safe to use, and will perform the job properly.

- ❑ Ensure that all hardware is tight.
- ❑ Ensure that the work contacting element is installed correctly in relation to the trigger, and that both parts move freely.
- ❑ Ensure that the magazine is properly attached.
- ❑ Ensure that the required safety information on the tool is legible.
- ❑ Use only Paslode® approved fasteners in the tool, and ensure that they are correct for the application.
- ❑ Ensure that a male air fitting is securely connected to the tool.
- ❑ Test the tool by driving fasteners into a workpiece identical to the tool's application.
- ❑ Check the tool for air leaks during testing and for the proper sequence of operation.
- ❑ Ensure that all fasteners are driven to the same depth and that the crown of the fastener is flush with the work-piece.

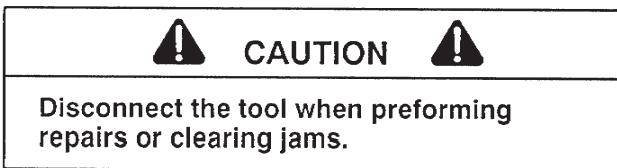
Tool Lubrication

It is most important that the tool be properly lubricated by keeping the air line lubricator filled and correctly adjusted. Without proper lubrication the tool will not work properly and parts will wear prematurely.

Use the proper lubricant in the air line lubricator. The lubricator should be of low air flow or changing air flow type, and should be kept filled to the correct level. Use only Paslode® recommended lubricants. Substitutes may harm the rubber compounds in the tools O-rings and other rubber parts. Paslode® Part No. 403720 is a pneumatic lubricating oil specially made for pneumatic applications. If a filter/regulator/lubricator is not installed on the air system, air operated tools should be lubricated at least once a day with 6 to 20 drops of oil, depending on the work environment, directly through the male fitting in the tool housing.

Most minor problems can be resolved quickly and easily using the maintenance table that follows. If problems persist, contact your Paslode® dealer for assistance.

MAINTENANCE - Continued



MAINTENANCE TABLE

ACTION	WHY	HOW
Drain air line filter(daily).	Prevent accumulation of moisture and dirt.	Open manual petcock (most air supply systems have such a valve).
Keep lubricator filled.	Keep tool lubricated.	Fill with Paslode pneumatic tool lubricant. Part No. 403720.
Clean filter element-then blow air through filter in direction opposite to normal flow.	Prevent clogging of filter with dirt.	Wash with soap and water or follow manufacturers instructions.
Check that all screws on tool are tight.	Prevent air leakage and promote efficient operation.	Check screws daily.
Keep work contacting element working properly.	Promote operator safety and efficient tool operation.	Blow clean daily.
Keep magazine and feeder mechanism clean.	Prevent jamming of fasteners.	Blow clean daily.
Lubricate "O" rings that are replaced.	Assure long life and proper operation of tool.	Use Chemplex® grease, Part No. 403734.
Use only Paslode replacement parts.	Keep tool operating efficiently and maintain Paslode tool warranty.	Order any replacement parts needed from Paslode Dealer.
Check the driver blade regularly and replace when worn.	Ensure proper operation of the tool.	Remove piston and driver assembly from tool and compare with new driver blade. Replace when worn.

OPERATOR TROUBLESHOOTING



CAUTION



Disconnect the tool when performing repairs or clearing jams.

PROBLEM	CORRECTIVE ACTION
Fasteners will not drive completely into wood.	Increase air pressure (do not exceed 120 psi).
Fasteners penetrate properly during normal operation, but won't drive fully at faster speeds.	Increase air flow to tool -- use larger air lines (3/8 inch ID minimum).
Fasteners drive too deeply into wood.	Reduce air pressure.
Tools skips during operation - no fasteners are driven from time to time.	<p>Check magazine for proper fasteners. Magazine follower should slide freely. Clean as needed to remove debris.</p> <p>Make sure correct fasteners are being used. Use fasteners that meet Paslode® specifications only.</p> <p>Increase air flow to tool -- use larger air lines (3/8 ID minimum).</p>
Tool operates, but no fasteners are driven.	<p>Check magazine for proper fasteners. Fasteners should slide freely with no follower pressure.</p> <p>Increase air pressure (do not exceed 120psi).</p>
Air leaks at cap when tool is connected to air.	Tighten capscrews.

TOOL WARRANTY



An Illinois Tool Works Company
888 Forest Edge Drive
Vernon Hills, Illinois 60061

TOOL WARRANTY AND LIMITATIONS

Paslode warrants that newly purchased power fastening tools parts and accessories will be free from defects in material and workmanship (excluding wear parts) for the period shown below, after the date of delivery to the original user.

90-DAY LIMITED WARRANTY

A 90-day warranty will apply to all parts, except those which are specifically covered by an extended warranty.

EXTENDED LIMITED WARRANTY FOR ON SITE CONSTRUCTION APPLICATIONS

A one year warranty will apply to all housing and cap assembly castings. A six month warranty will apply to all magazines parts.

NORMAL WEARING PARTS

The following parts are considered normal wearing parts and are not under warranty:

- Bumper
- Drive Blades
- "O" Rings
- Piston Rings
- Probe

WARRANTY STATEMENT

Paslode's sole liability hereunder will be to replace any part or accessory which proves to be defective within the specific time period. Any replacement part or accessory provided in accordance with this warranty will carry a warranty for the balance of the period of warranty applicable to the part it replaces.

This warranty is void as to any tool which has been subjected to misuse, abuse, accidental or intentional damage, used with fasteners not meeting Paslode specification, size, or quality, improperly maintained, repaired with other than genuine Paslode replacement parts, damaged in transit or handling, or which, in Paslode's opinion, has been altered or repaired in a way that affects or detracts from the performance of the tool.

PASLODE MAKES NO WARRANTY, EXPRESSED OR IMPLIED, RELATING TO MERCHANTABILITY, FITNESS, OR OTHERWISE, EXCEPT AS STATED ABOVE, and Paslode's liability AS STATED ABOVE AND AS ASSUMED ABOVE is in lieu of all other warranties arising out of, or in connection with, the use and performance of the tool, except to the extent otherwise provided for by applicable law. PASLODE SHALL IN NO EVENT BE LIABLE FOR ANY DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, DAMAGES WHICH MAY ARISE FROM LOSS OF ANTICIPATED PROFITS OR PRODUCTION, SPOILAGE OF MATERIALS, INCREASED COST OF OPERATION, OR OTHERWISE.

Paslode reserves the right to change specifications, equipment, or designs at any time without notice and without incurring obligation.

ACCESSORIES

Lubricants and Loctite®

Loctite® 242 (Blue)



Lubricating Oil 16 oz.



Lubricating Oil with Antifreeze 8 oz.



Chempex® 710 Lubricant 1lb.



Lubricant 5 gram tube

Part No. 093500

Part No. 403720

Part No. 219090

Part No. 403734

Part No. 219188

Tool Cleaner

Ideal cleaner for all Paslode tools.



Part No. 219348

Safety Glasses

Clear



Part No. 401382



ACCESORIOS

Lubricantes Y Loctite®

Loctite® 242 (Azul)



Aceite Lubricante 16 oz.

Aceite Lubricante con Anticongelante 8 oz.

Lubricante Chemplex® 710 1lb.

Lubricante en Tubo de 5 gramos

Pieza No. 093500

Pieza No. 403720

Pieza No. 219090

Pieza No. 403734

Pieza No. 219188

Limpiador

El limpiador ideal para todas las herramientas Paslode.



Pieza No. 219348

Lentes de Seguridad

Claros



Pieza No. 401382



GARANTÍA



An Illinois Tool Works Company
888 Forest Edge Drive
Vernon Hills, Illinois 60061

TERMINOS DE LA GARANTIA

Paslode garantiza que sus herramientas mecánicas, sus piezas y accesorios, que hayan sido comprados nuevos, están libres de defectos de material y fabricación por el período indicado más abajo, a partir de la fecha de compra del comprador original.

GARANTIA LIMITADA DE 90 DÍAS

La garantia limitada de 90 días cubre todas las piezas, con excepción de las que estén específicamente cubiertas por una garantía extendida.

GARANTIA LIMITADA ADICIONAL PARA APLICACIONES EN EL LUGAR DE CONSTRUCCION.

Todas las piezas fundidas del armazón y de la tapa están cubiertas por una garantía de un año.

Todas las piezas del cargador están cubiertas por una garantía de seis meses.

PIEZAS DE DESGASTE NORMAL

Las siguientes piezas se consideran como piezas que sufren desgaste normal y no están cubiertas por ninguna garantía.

- Amortiguador
- Hojas del impulsor
- "O rings"
- Anillos del pistón
- Sonda

DECLARACIÓN DE LA GARANTÍA

Esta garantía esta limitada a las herramientas vendidas y revisadas en los Estados Unidos. Para obtener más información sobre el servicio de garantía en los Estados Unidos, véa la lista de Centros de Servicio que fue proporcionada con su herramienta.

Paslode asume únicamente la responsabilidad de reponer cualquier pieza o accesorio que se compruebe como defectuoso dentro del período especificado. Cualquier pieza o accesorio de repuesto, entregado de conformidad con esta garantía, gozará de la garantía por el período restante de la garantía que cubría a la pieza o al accesorio originales. Esta garantía no cubre las piezas que necesitan ser repuestas como consecuencia de su desgaste normal.

Se cancelará esta garantía a cualquier herramienta que haya sido usada incorrectamente, dañada accidental o intencionalmente, usada con sujetadores, combustible, baterías o cargadores de batería que no reúnan las especificaciones, el tamaño o la calidad de Paslode, o a la que no se le haya dado el mantenimiento o el uso adecuado, o que haya sido reparada con piezas que no sean marca Paslode, o que en opinión de Paslode hayan sido modificadas o reparadas de manera que afecte o sea contraria al funcionamiento de la herramienta.

PASLODE NO OTORGA NINGUNA GARANTÍA EXPLÍCITA O IMPLÍCITA CON RESPECTO A LA COMERCIALIZACIÓN O ADAPTACIÓN AL USO PREVISTO, O DE CUALQUIER OTRA NATURALEZA, CON EXCEPCIÓN DE LO DECLARADO ANTERIORMENTE, y la responsabilidad de Paslode TAL COMO SE INDICA Y SE ASUME MÁS ARRIBA reemplaza a todas las otras garantías que resulten o estén relacionadas con el uso y funcionamiento de la herramienta, excepto según lo estipulen las leyes pertinentes. PASLODE NO SERÁ RESPONSABLE EN NINGÚN CASO POR NINGÚN DAÑO DIRECTO, INDIRECTO O CONSECUENTE INCLUYENDO, PERO SIN LIMITARSE, CUALQUIER DAÑO RESULTADO DE LA PÉRDIDA DE PRODUCCIÓN O GANANCIAS ANTICIPADAS, EL DETERIORO DE MATERIALES, AUMENTOS EN EL COSTO DE OPERACIÓN O CUALQUIER OTRO.

Paslode se reserva el derecho de cambiar las especificaciones, el equipo o los diseños en cualquier momento, sin aviso previo y sin incurrir en obligación alguna.

DETECCION Y CORRECCION DE FALLAS

PRECAUCIÓN

Desconecte la herramienta al hacer cualquier reparación o eliminar cualquier obstrucción.

PROBLEMA	SOLUCIÓN
Los sujetadores no penetran completamente en la madera.	Aumente la presión de aire (no debe exceder 120 psi).
Los sujetadores penetran bien durante las operaciones normales, pero fallan a velocidades más altas.	Aumente el flujo de aire a la herramienta; use líneas de aire más grandes (3/8" de diámetro como mínimo).
Los sujetadores penetran demasiado en la madera.	Reduzca la presión de aire.
Los sujetadores se acumulan en la punta de la herramienta.	Abra el seguro delantero, quite el sujetador obstruido y cierre bien el seguro.
La herramienta "salta" mientras está funcionando; de vez en cuando no impulsa sujetadores.	Compruebe si el cargador tiene los sujetadores apropiados. El transportador debe deslizarse sin dificultad. Límpielo para quitar cualquier suciedad. Verifique que se usen los sujetadores apropiados. Use solamente sujetadores que reúnan las especificaciones de Paslode. Aumente el flujo de aire a la herramienta; use líneas de aire más grandes (3/8" de diámetro como mínimo).
La herramienta funciona, pero no dispara sujetadores.	Compruebe si el cargador tiene los sujetadores apropiados. Los sujetadores deben deslizarse libremente sin presión del transportador. Abra el seguro delantero o afloje el botón del cargador y revise si hay suciedad o alguna obstrucción en el área de la punta. Límpiela si es necesario. Aumente la presión de aire (no debe exceder 120 psi).
Hay pérdidas de aire en la cubierta cuando la herramienta está conectada a la línea de aire.	Apriete los tornillos.

MANTENIMIENTO (continuación)

⚠ PRECAUCIÓN ⚠
Desconecte la herramienta al hacer cualquier reparación o eliminar cualquier obstrucción.

TABLA DE MANTENIMIENTO

ACTIVIDAD	POR QUE	COMO
Purgar el filtro de la línea de aire a diario.	Para evitar que se acumulen la humedad y la suciedad.	Abra la llave de escape. (La mayoría de los sistemas neumáticos la tienen.)
Mantenga lleno el lubricador.	Para mantener lubricada la herramienta.	Llene con lubricante neumático N° 403720 (474 ml).
Limpie el elemento del filtro; luego, sople aire a través del filtro en la dirección opuesta a la corriente normal.	Para evitar que la suciedad obstruya el filtro.	Lave con agua y jabón, o siga las instrucciones del fabricante.
Verifique que todos los tornillos de la herramienta estén apretados.	Para evitar pérdidas de aire y asegurar el buen funcionamiento de la herramienta.	Revise los tornillos a diario.
Revise si el elemento de contacto funciona correctamente.	Para promover la seguridad del operador y el buen funcionamiento de la herramienta.	Límpielo con aire a diario.
Mantenga limpios los mecanismos del cargador y del alimentador.	Par prevenir que se obstruyan los sujetadores.	Límpielos con aire a diario.
Lubrique los anillos-o que se hayan reemplazado.	Para prolongar la vida de la herramienta y su funcionamiento adecuado.	Use grasa lubricante Chemplex® N° 403734.
Use solamente piezas de repuesto Paslode.	Para que la herramienta continúe funcionando eficientemente y mantener vigente la garantía de Paslode.	Solicite al representante de Paslode cualquier pieza de repuesto que necesite.
Revise la hoja de impulso periódicamente y reemplaze si esta desgastada.	Asegure el funcionamiento apropiado de la herramienta.	La punta de la hoja de impulso se debe inspeccionar periódicamente por desgastes. Reemplaze cuando este desgastada.

MANTENIMIENTO

El mantenimiento de cualquier herramienta Paslode es simple. Su funcionamiento sin problemas y la prolongación de la vida de la herramienta se logran siguiendo un sencillo procedimiento. Las personas encargadas de usar y mantener la herramienta deben leer las instrucciones de seguridad y mantenimiento. Estudie los diagramas antes de hacer cualquier reparación.

Las herramientas neumáticas deben revisarse periódicamente, y se deben cambiar las piezas gastadas o deterioradas para que la herramienta siga funcionando con eficiencia y sin peligro. Además, se debe revisar la tabla de mantenimiento frecuentemente.

Cuando Hace Mucho Frio

Cuando la temperatura es inferior a la de congelamiento, las herramientas deben mantenerse a la temperatura ambiente por el método más seguro y conveniente. De lo contrario, aconsejamos seguir el siguiente procedimiento para calentar las piezas de la herramienta.

- Disminuya la presión regulada del aire a 30 psi
- Quite todos los sujetadores de la herramienta.
- Conecte una línea de aire y dispare la herramienta sin clavos. La presión reducida del aire será suficiente para lograrlo. El funcionamiento a poca velocidad tiene la tendencia de calentar las partes móviles.

Disminuyendo la velocidad del pistón le da cierta elasticidad al amortiguador y los anillos-o.

PRECAUCIÓN

Nunca dispare la herramienta sin clavos a alta presión.

- Una vez que la herramienta se haya calentado, ajuste nuevamente el regulador a la presión apropiada para trabajar y cargue de nuevo la herramienta.
- Los operadores que trabajen al aire libre o en áreas sin calefacción con temperaturas extremadamente frías también tienen que usar en el lubricador el aceite neumático con anticongelante N° 219090 (8 oz.).
- Una vez por semana, según el uso que le dé a su herramienta, desármela y lávela con el solvente N° 902330, para eliminar cualquier suciedad y asegurar que la herramienta siga funcionando bien.

PRECAUCIÓN

Nunca use queroseno ni ningún solvente Z_~R ^ RSJV aRc Jz^ aZRc JR YVccR ^ ZV_eRž

Al usar solventes para limpiar herramientas neumáticas se destruye la delgada capa de grasa lubricante, que se aplica en la fábrica, de la pared del cilindro y de los anillos-o. Use grasa Chempex® N° 403734 para reemplazar la capa de grasa lubricante.

- Abra, por lo menos diariamente, el drenaje del tanque del compresor del aire para eliminar cualquier humedad, cuando haga mucho frío o el grado de humedad sea muy alto. Poniendo una pequeña cantidad de descongelante en el tanque evitará que la humedad se congele.

Probar la Herramienta Después de Darle Servicio

Después de reemplazar una o más piezas, es importante comprobar si la herramienta funciona como es debido. Esto asegura que todas las piezas estén puestas correctamente, que la herramienta esté segura y que funcione correctamente.

- Verifique que ninguna pieza esté floja.
- Compruebe que el elemento de contacto haya sido correctamente instalado en relación con el gatillo y que ambas piezas se muevan libremente.
- Verifique que el cargador esté colocado correctamente.
- Verifique que la información sobre seguridad, que está en la herramienta, sea legible.
- Use solamente sujetadores aprobados por Paslode y compruebe que sean los apropiados para su aplicación.
- Verifique que se haya conectado firmemente un adaptador macho a la herramienta.
- Pruebe la herramienta impulsando sujetadores en un material de trabajo idéntico al de la aplicación.
- Verifique que no haya pérdidas de aire en la herramienta durante las pruebas y revise la secuencia apropiada de funcionamiento.
- Asegure que todos los sujetadores sean impulsados a la misma profundidad y que la cabeza del sujetador esté al ras con el material de trabajo.

Lubricación de la Herramienta

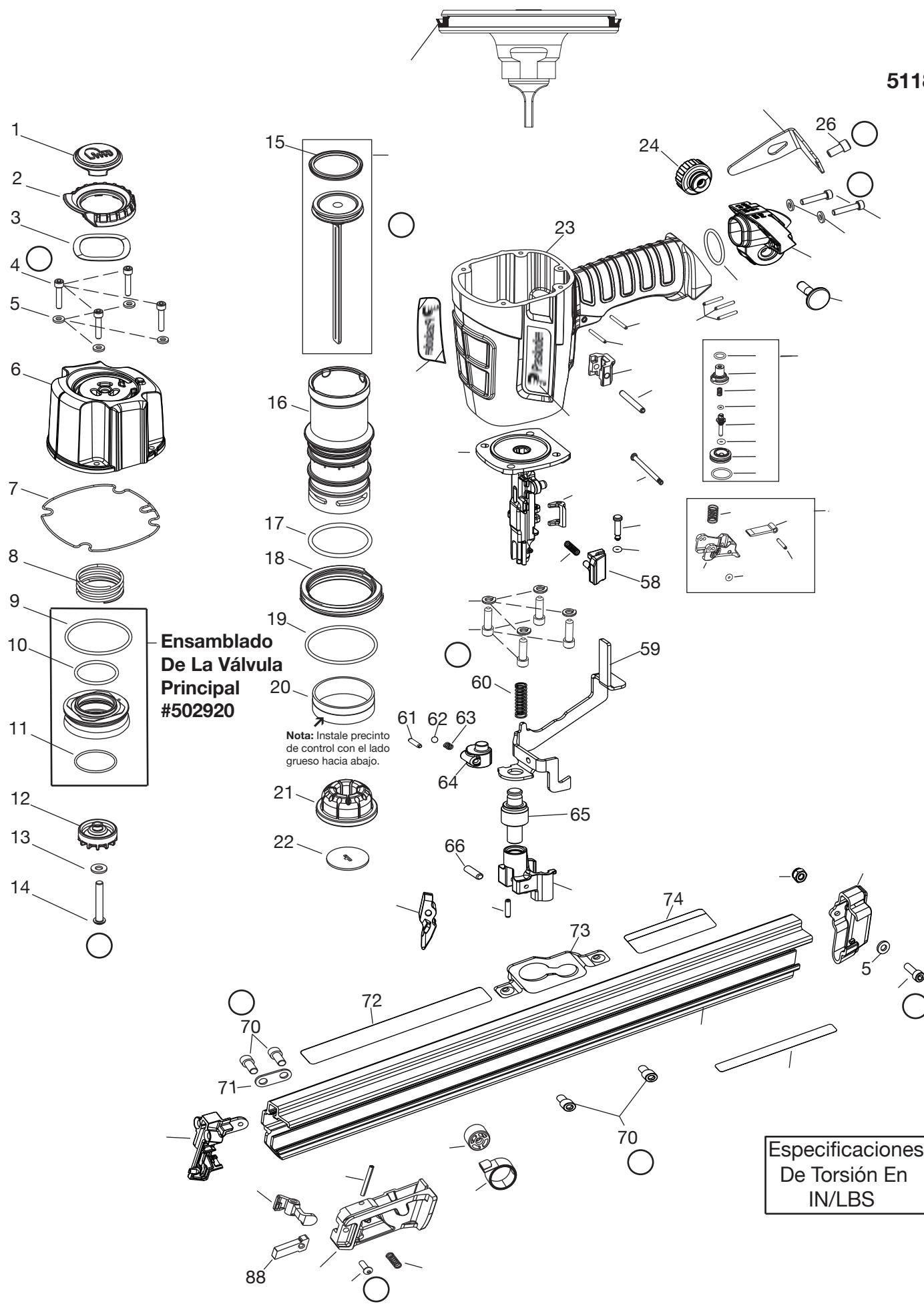
Es muy importante lubricar la herramienta correctamente, manteniendo lleno el lubricador de la línea de aire y correctamente regulado. Sin la lubricación apropiada, la herramienta no funcionará como es debido y sus piezas se gastarán prematuramente.

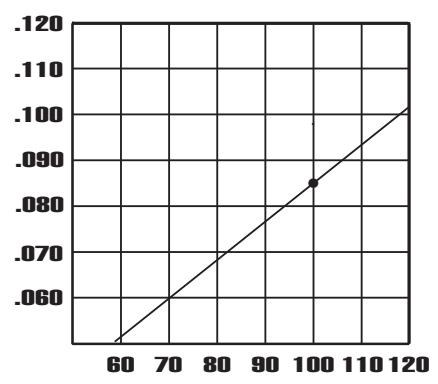
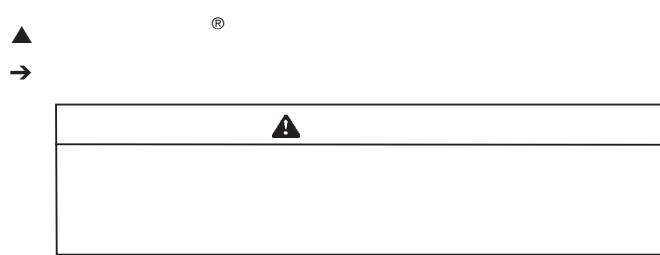
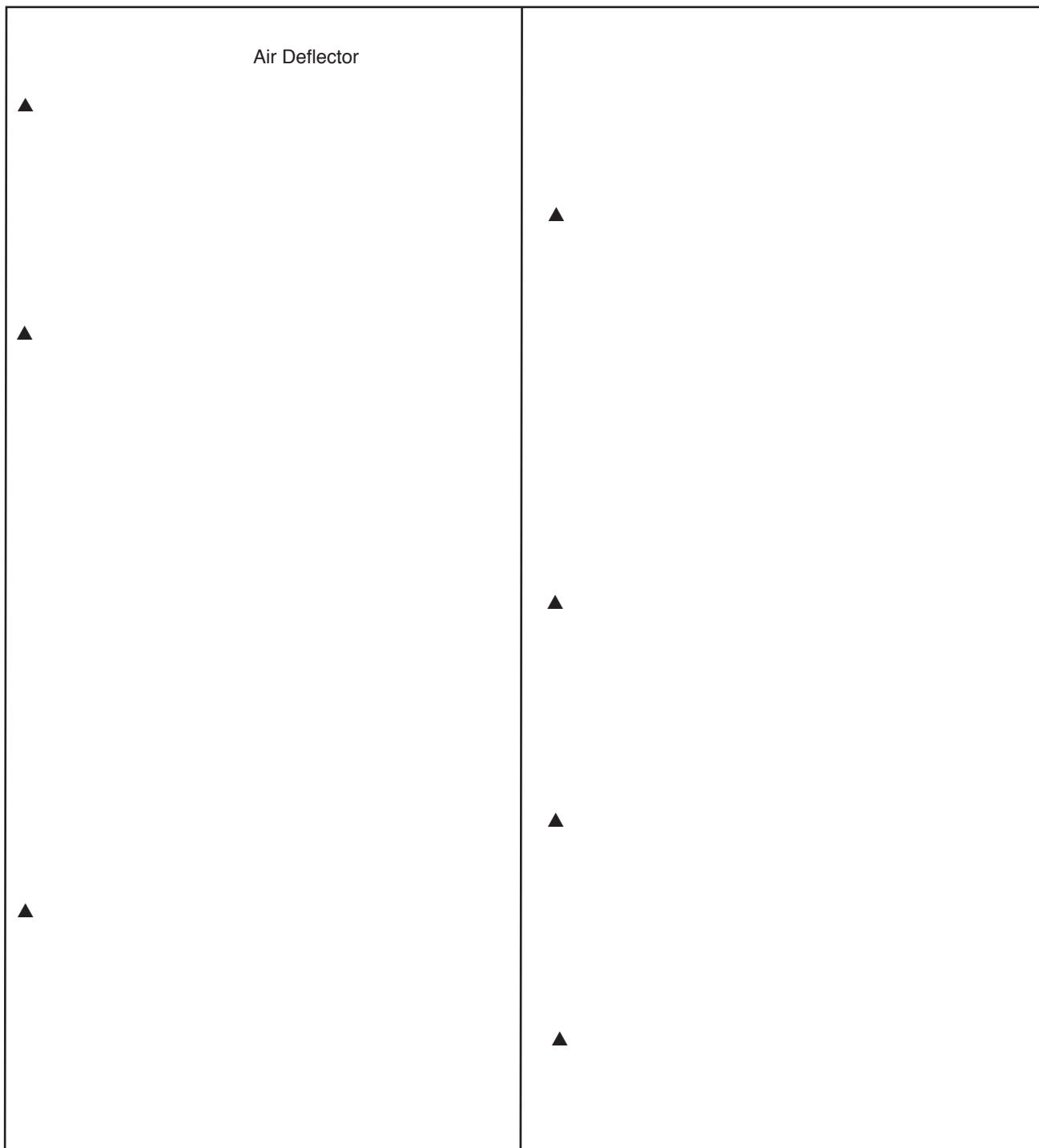
Use el lubricante apropiado en el lubricador de la línea de aire. El lubricador debe ser para corriente de aire baja o variable, y tiene que estar lleno hasta el nivel apropiado por Paslode porque otros lubricantes podrían dañar el caucho de los anillos-o y otras piezas de caucho. El lubricante N° 403720 (474 ml) es un aceite lubricante especialmente diseñado para aplicaciones neumáticas.

Si no se instala un filtro/regulador/lubricador en el sistema neumático, las herramientas neumáticas deben ser lubricadas, por lo menos, diariamente, poniendo entre 6 y 20 gotas de aceite, según sea el tipo de trabajo que se realice, directamente a través del adaptador macho.

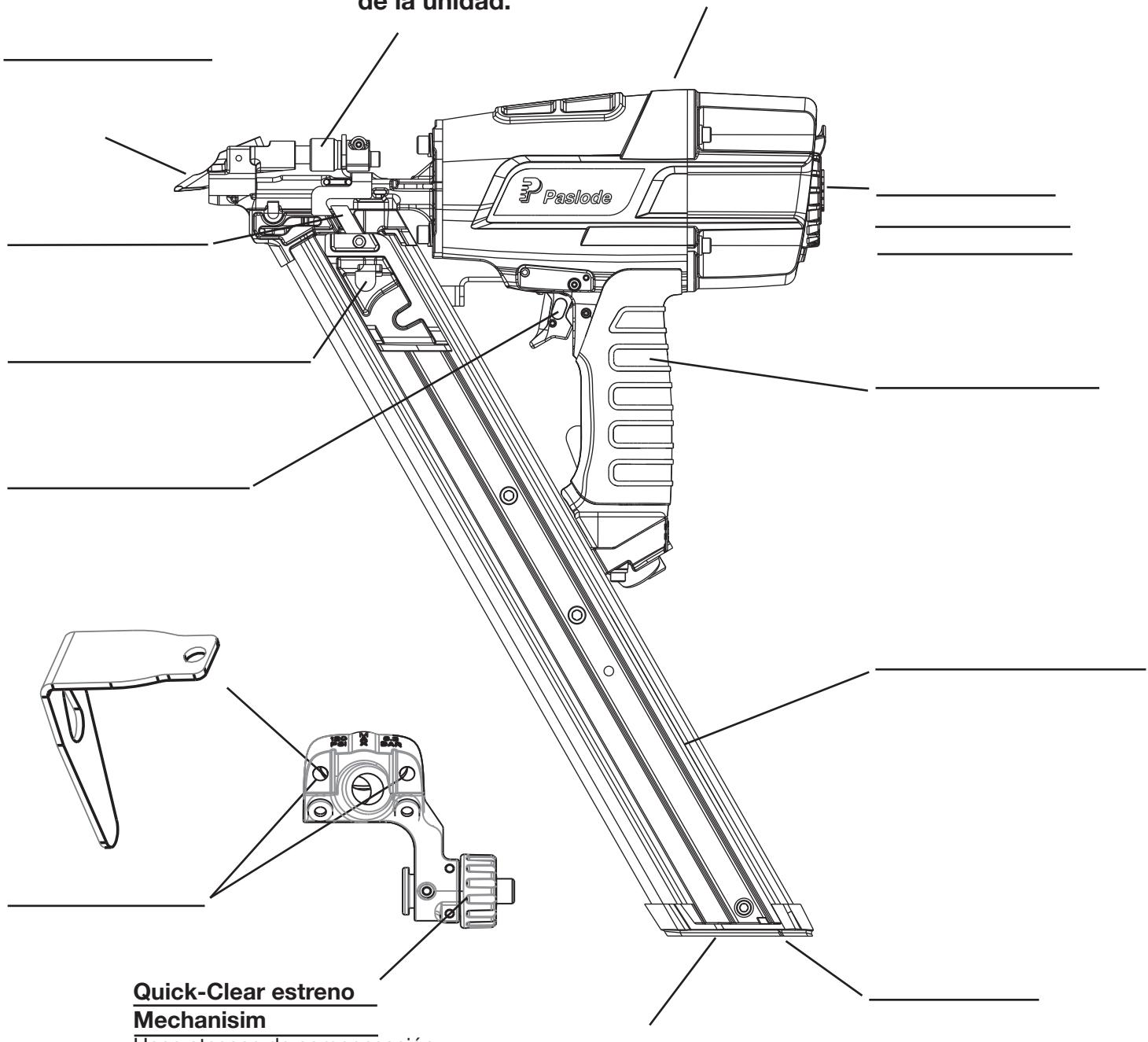
Usando la siguiente tabla de mantenimiento es posible resolver rápidamente y fácilmente la mayoría de los pequeños problemas. Si un determinado problema persiste, comuníquese con el representante de Paslode.

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Sin herramientas de profundidad ajustable de la unidad.



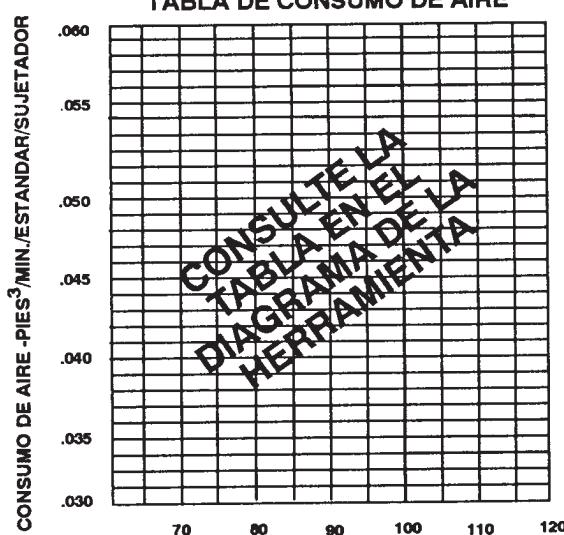
Quick-Clear estreno

Mechanism

Hace atascos de compensación rápida y fácil al permitir que el revista a deslizarse de la nariz.

Paslode han sido diseñadas para funcionar eficiente

VOLUMEN DEL AIRE (PIES CUBICOS/ MIN.)	LONGITUD DE LA LINEA (EN METROS)				
	15-61	61-152	152-305	305-762	762-1524
DIAMETRO NOMINAL DE LA LINEA (EN PULGADAS)					
30-60	1	1	1 1/4	1 1/2	1 1/2
60-100	1	1 1/4	1 1/4	2	2
100-200	1 1/4	1 1/2	2	2 1/4	2 1/2
200-50	2	2 1/2	3	3 1/2	3 1/2
500-1000	2 1/2	3	3 1/2	4	4 1/2

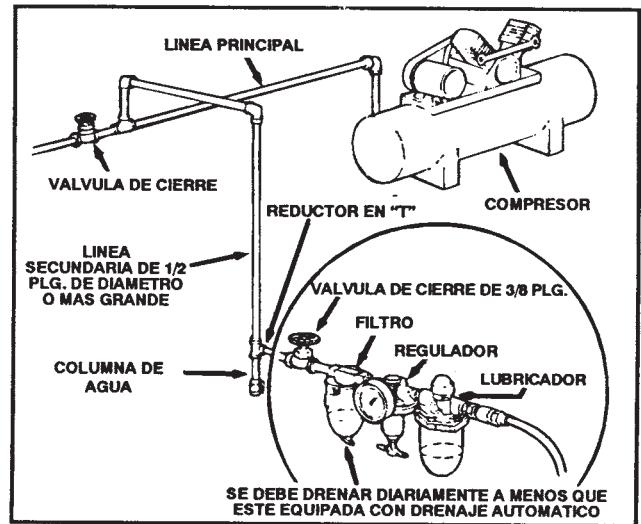


- Las columnas de agua, o los filtros y las líneas



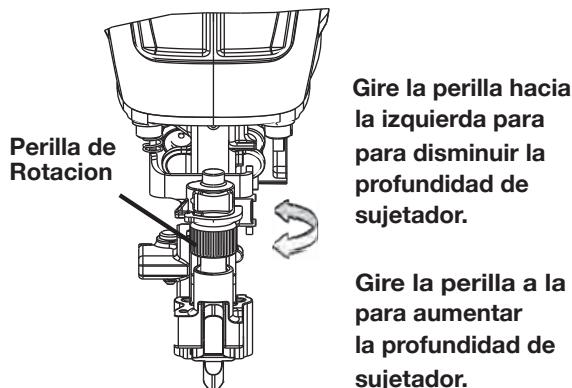
- Se limpie el filtro cada seis meses.





FUNCIONAMIENTO DE LA HERRAMIENTA (Continuación)

Ajuste de Profundidad



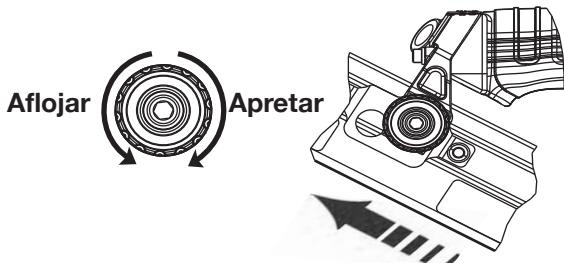
Como Liberar un Atoro

La PF250S-PP está equipado con mecanismo Quick Clear para permitir un fácil acceso en la nariz y cargador para eliminar un atoro.

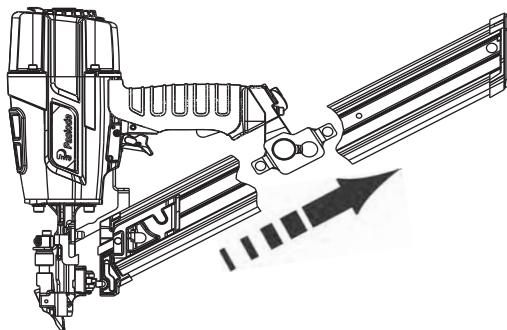
Para Desmontar el Cargador Quick Clear.

1. Desconecte la manguera de aire de la herramienta y quite todos los clavos del cargador.

2. Gire la perilla del Quick Clear hacia la izquierda completamente.

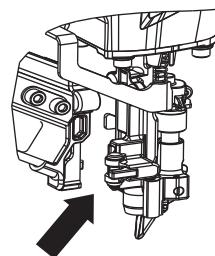


3. Deslice el cargador en el soporte de montaje hasta el frente de el cargador libra los pernos de guía ubicado en la nariz. Pivote o remueva el cargador para la inspección.



3. (continuación)

Quite el clavo atorado de la nariz de la herramienta y empuje el martillo dentro la herramienta.

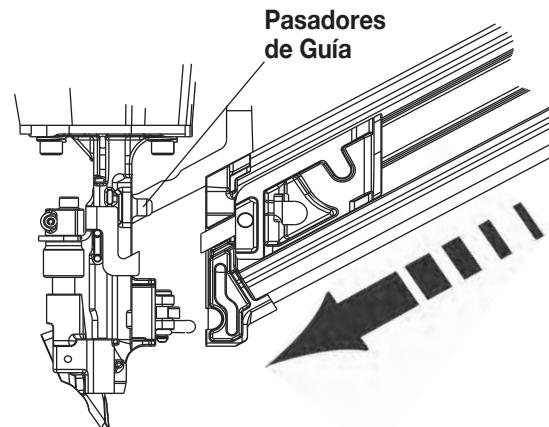


Inspeccione la palanca móvil en la nariz para funcionamiento propio.

Instalación del cargador Quick Clear

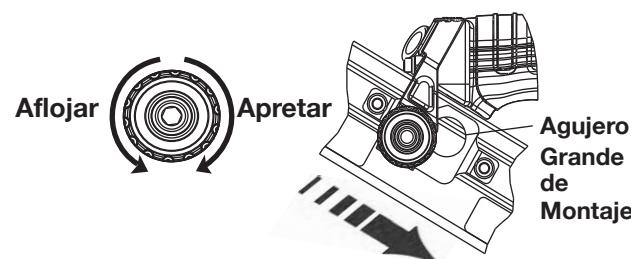
1. En el cargador coloque el agujero grande de montaje sobre la oreja de montaje redonda en la herramienta.

2. Alinee los agujeros de montaje en el cargador con el pernos de guía en la nariz.



3. Deslice el cargador adelante insertando los pernos de guía de la nariz con los orificios de montaje en el cargador.

4. Gire la perilla del Quick Clear hacia la derecha hasta que esta firmemente apretado.





conectores metálicos y/o los códigos de edificación



4. Instale una unidad de filtro/regulador/lubricador con

Impulsó de Clavos



Carga de Sujetadores

