



Part No. 515500



MODEL T250S-F16P
16 Gauge Straight
Finish Nailer

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
TOOL SCHEMATIC**

INTRODUCTION

The **PASLODE® T250S-F16P** finish nailer is a quality-built tool designed for use in residential trim applications. This tool will deliver efficient, dependable performance when used according to the manufactures guidelines. Please study this manual including the safety instructions to fully understand the operation of this tool.

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TOOL WARRANTY AND LIMITATIONS

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

ONE-YEAR FULL WARRANTY

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

FIVE-YEAR EXTENDED LIMITED WARRANTY

A five-year warranty will apply to all housing and cap assembly castings.

WARRANTY STATEMENT

This warranty is limited to tools sold and service requested in the United States. To obtain information on warranty service in the United States, refer to the Service Center listing that was provided with your tool.

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 does not apply to part replacement required due to normal wear.

This warranty is void as to any tool which has been subjected to misuse, abuse, accidental or intentional damage, use 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 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.

TOOL AND FASTENER SPECIFICATIONS

TOOL SPECIFICATIONS

MODEL NO.	T250S-F16P (Part# 515500)
HEIGHT	11.6"
WIDTH	2.9"
LENGTH	12.3"
WEIGHT	3.9lbs.
OPERATING PRESSURE	80 to 120 p.s.i. (5.5 to 8.3 bars)

FASTENER SPECIFICATIONS

NAIL LENGTH	1" - 2-1/2"
SHANK DIAMETER	16 gauge

TOOL AIR FITTINGS:

This tool uses a 1/4" N.P.T. male plug. The inside diameter should be .28" (7mm) or larger. The fitting **must** be capable of discharging tool air pressure when disconnected from the air supply.

OPERATING AIR PRESSURE:

80 to 120 p.s.i. (5.5 to 8.3 bars). 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.



CARRY THE TOOL ONLY 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.

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.

DO NOT WEAKEN 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.

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.

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 air line and removed all remaining fasteners from the tool.

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.

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 the air line is disconnected.

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.

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 LOAD FASTENERS WITH THE AIR LINE CONNECTED, OR WITH THE TOOL TRIGGER OR WORK CONTACTING ELEMENT 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.



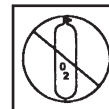
DO NOT EXCEED THE MAXIMUM RECOMMENDED AIR PRESSURE

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



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.



Never use any bottled air or gases such as oxygen to operate the tool since they could cause the tool to explode. Do not operate in explosive atmospheres.

DO NOT DISABLE OR REMOVE THE WORK CONTACTING 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 contacting element. Do not use the tool unless the work contacting element is working properly. The tool could fire unexpectedly.

INSPECT TOOL FOR PROPER OPERATION

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 presentation of Paslode's Safety Awareness Program

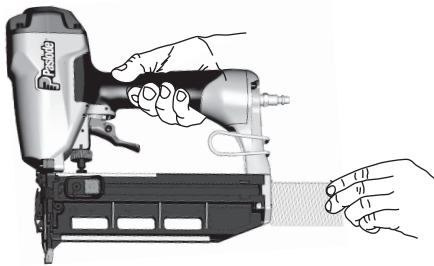
TOOL OPERATION

Fasteners

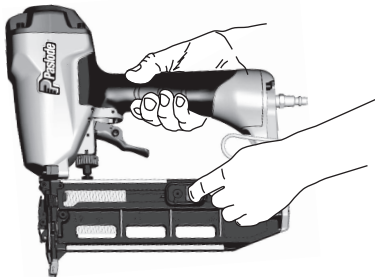
The Paslode T250S-F16P Finish Nailer drives Paslode® 16 gauge fasteners designed to be used with the tool. The use of fasteners that do not meet Paslode standards could cause tool damage and will void all warranty claims.

Loading Fasteners

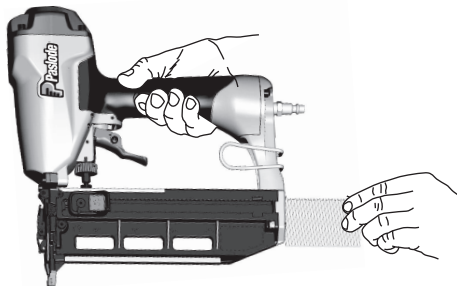
STEP 1: Align the heads of the Paslode 16 ga. Finish nails to the brad channel in the rear of the magazine and insert one or two strips. Push the nails strips forward.



STEP 2: Next, pull the follower toward the rear of the magazine until the follower passes the last strip of fasteners. Release the follower and let the follower push the nails forward into the nose of the tool.



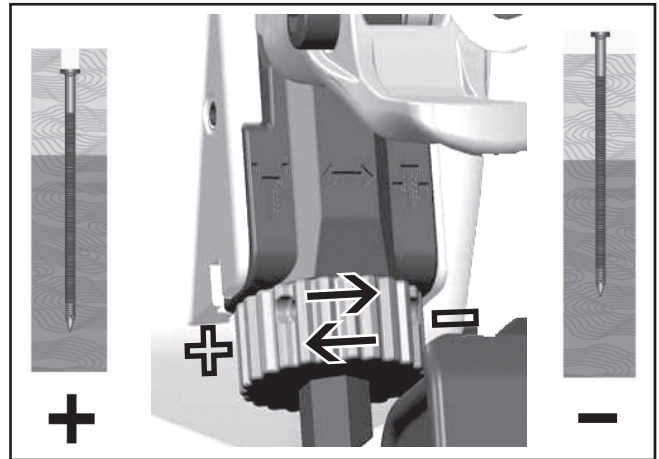
When the follower reaches the reload area, marked on the side of the magazine, you may insert a new strip of nails. When the follower arrow reaches the lockout area the tool automatically locks the tool to prevent the tool from operating. To unlock the tool, simply reload another strip of nails.



Depth of Drive Adjustment

Disconnect the air supply.

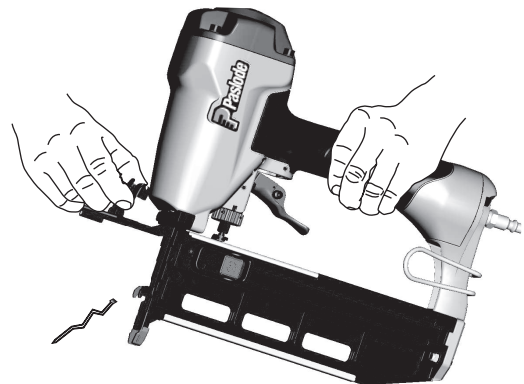
The depth of drive adjustment is done by turning the adjustment wheel located below the trigger.



Clearing a Jam

An occasional problem you may encounter is a jammed fastener. Because of the unique design of the Paslode Finish Nailer, clearing a jammed fastener is easy:

1. Disconnect the air supply.
2. Pull the latch, releasing front guide. Pivot front guide forward.
3. Clear jam, and push driver blade back up to its normal position.
4. Close front guide and latch it. Check that work contacting element moves freely.



Lockout Feature

The purpose of this feature is to prevent needless blank cycling, which could mar woods and damage tool components. Ten (10) nails will be left in the magazine when the follower reaches the lockout area. When changing fastener length or loading at the beginning of the work day, you should inspect the magazine and nose for any fasteners left in the tool. These nails will not be visible unless you open the nose of the tool.

TOOL OPERATION

Trigger Methods:

The Paslode T250S-F16P Finish Nailer has a triggering system that can be switched from sequential to contact trip. To switch the trigger, press in the round button on the left side of the trigger and rotate the right side of the button to the desired triggering method. The TTT indicates contact trip and the T indicates sequential operation.

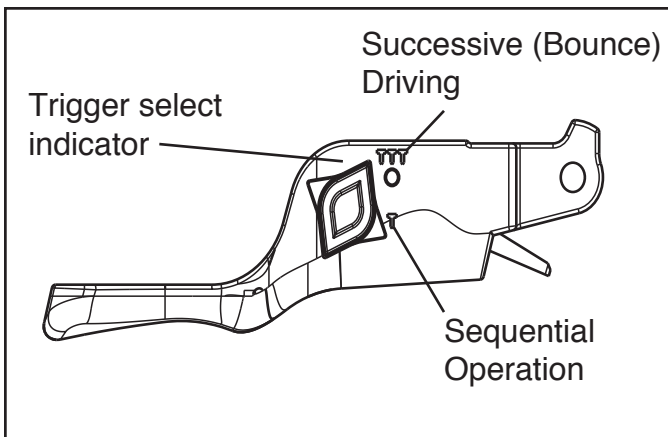
Successive (Bounce) Driving - TTT

Grasp the handle firmly.

Squeeze the trigger and move the tool along the workpiece with a bouncing motion, depressing the work contacting element at the points where you want to drive a fastener.

Keep the trigger depressed and continue to bounce the work contacting element against the workpiece, positioning the tool above as carefully as possible.

When the desired number of fasteners have been driven, release the tool trigger to avoid unintentional fastener discharge.



Sequential Operation - T

The sequential setting T prevents successive or "bounce" driving.

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.



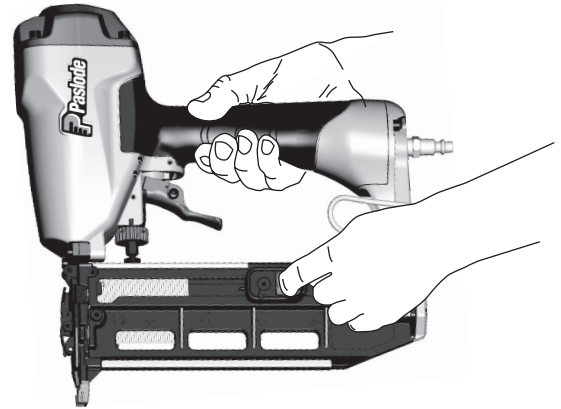
WARNING



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

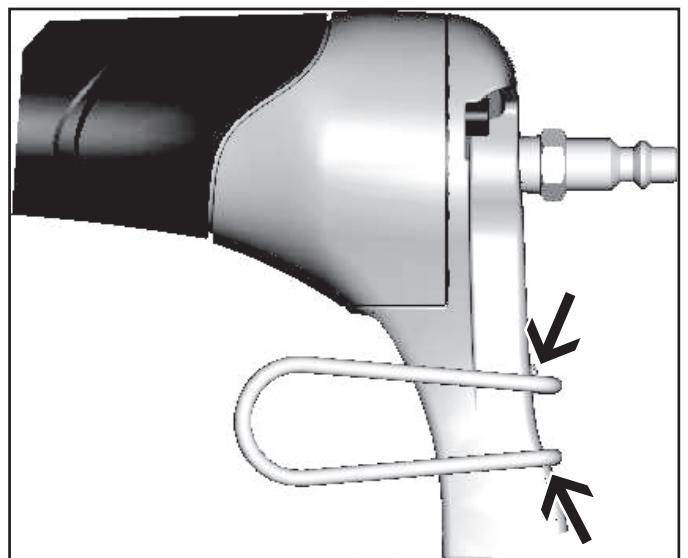
Unload Nails:

To unload nails, simply pull the follower to the rear of the magazine and press the center lock button on the follower. The lock will move the follower out of the way and allow nails to slide past the follower and out of the rear of the magazine. To release the lock simply pull the follower back and the lock button will release and allow the follower to move forward.



Reversible Belt Hook:

The belt hook can be changed from the left hand side of the tool to the right hand side. To change the position, squeeze the base of the belt hook and remove it from the tool and position it on the desired side.



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.
- Collect 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.
- 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 anti-freeze 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 workpiece.

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



CAUTION



Disconnect the tool when performing repairs or clearing jams.

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).
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.
Use only Paslode replacement parts.	Keep tool operating efficiently and maintain Paslode tool warranty.	Order any replacement parts needed from Paslode Dealer.

OPERATOR TROUBLESHOOTING



CAUTION



Disconnect the tool when performing repairs or clearing jams.

PROBLEM	CORRECTIVE ACTION
Fasteners will not drive completely into wood.	<p>Adjust the depth of drive adjustment (retract length).</p> <p>Increase air pressure (do not exceed 120 psi).</p>
Fasteners penetrate properly during normal operation, but won't drive fully at faster speeds.	<p>Increase air flow to tool -- use larger air lines (3/8 inch ID minimum).</p>
Fasteners drive too deeply into wood.	<p>Adjust the depth of drive adjustment (extend length).</p> <p>Reduce air pressure.</p>
Fastener jams in nose of tool.	<p>Open front guide latch, release jammed fastener, and close latch securely.</p>
Tool 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> <p>Adjust work contacting element where available.</p>
Tool operates, but no fasteners are driven.	<p>Check magazine for proper fasteners. Fasteners should slide freely with no follower pressure.</p> <p>Open front guide latch and check for jams or debris in the nose area. Clear as necessary.</p> <p>Increase air pressure (do not exceed 120psi).</p>
Air leaks at cap when tool is connected to air.	<p>Tighten cap screws.</p>

PARTS LEGEND

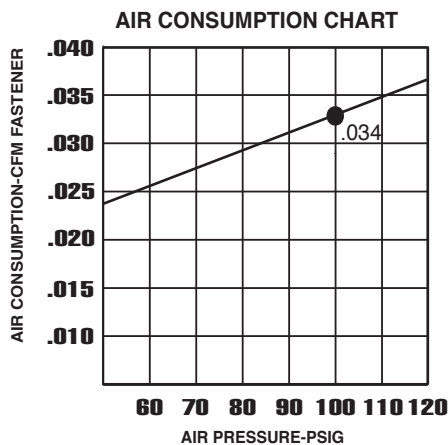
T250S-F16P

Part #515500

1	515501	7	Hex. Soc. Hd. Bolt	37	515537	1	Spring Pin
2	515502	1	Cap	38	515538	1	WCE
*3	515503	1	O-Ring	39	515539	2	Hex. Soc.Hd. Bolt
4	515504	1	Top Cap Ring	40	515540	1	Set Plate
5	515505	1	Hex. Soc. Hd. Bolt	41	515541	1	Nose
6	515506	1	Spacer	42	617456	1	Spring
7	515507	1	Piston Stopper	43	515543	1	Lock-out Lever
8	515508	1	Spring	44	515544	1	Spring Pin
*9	515509	1	Head Valve Assembly	45	515545	1	Spring Pin
*10	515510	1	O-Ring	46	515546	1	Upper Plate
*11	515511	2	O-Ring	47	515547	1	Nail Guide
*12	515512	1	Seal	48	515548	2	Hex. Soc.Hd. Bolt
*13	515513	1	Top Cap Seal	49	515549	1	Belt Hook
*14	515514	1	Collar	50	515550	1	Trigger Valve Assembly
*15	515515	1	Driver Blade Assembly	51	617780	1	Spring
*16	515516	1	Wear-Ring	52	515552	1	Selectable Trigger
*17	515517	1	O-Ring	53	515553	1	Magazine (Right)
18	515518	1	Cylinder	54	515554	1	Pusher
*19	515519	1	O-Ring	55	515555	1	Spring
*20	515520	1	Cylinder-Ring	56	515556	1	Spring Pin
*21	515521	1	O-Ring	57	515557	1	Pusher Seat Assembly
*22	515522	1	O-Ring	58	515558	1	Roll Spring
*23	515523	1	Bumper	59	515559	1	Magazine (Left)
24	515524	1	Housing	60	515560	2	Lock Nut
*25	515525	1	End Cap Seal	61	515561	1	Flat self-tapping Bolt
26	515526	1	End Cap	62	515562	1	Pusher Upper seat
27	615920	1	Air Plug	63	515563	1	Push Button
28	515528	4	Spring Pin	64	515564	1	Spring
29	515529	1	Bumper Seal	65	515565	2	UM. HD. Bolt
30	515530	1	Depth of Drive A	66	515566	1	Lower Plate
31	515531	1	WCE Connector	67	515567	2	Logo Label
32	403713	1	E-Ring	** 68	515568	1	Warning Label
33	515533	1	Latch Spring Assembly	69	515569	1	Model Label
34	515534	1	Latch	70	515570	1	Magazine Assembly
35	515535	1	Spring Pin	71	515571	1	Lock Label
36	515536	1	Door				

* Denotes Normal Wear Items.

** Make sure Warning Label (515568) is properly affixed. Replace if necessary.



SAFETY INSTRUCTIONS

WEAR EYE AND HEARING PROTECTION

Always wear hearing protection and eye protection devices, including side shields when operating or working in the vicinity of a tool.

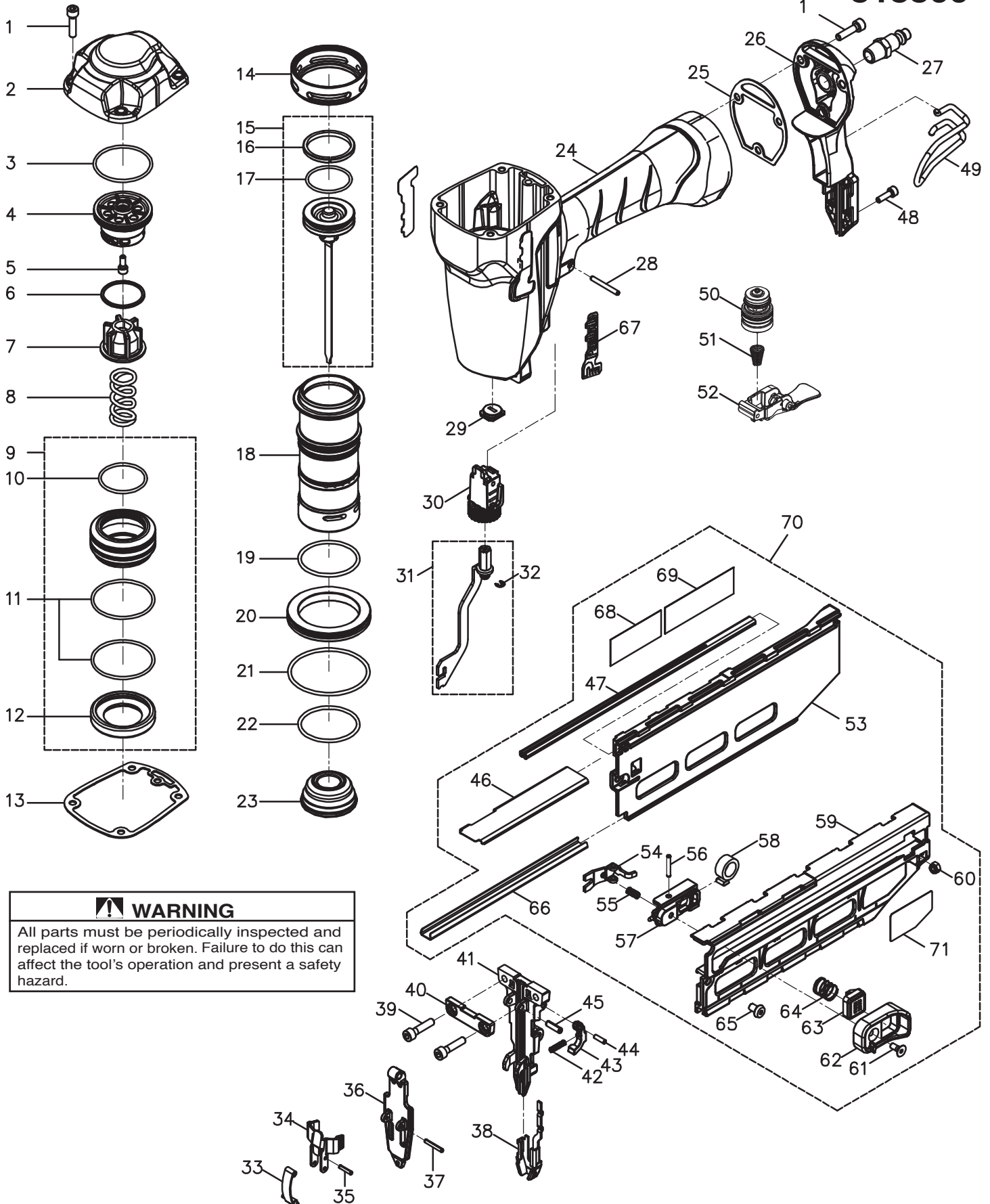
DO NOT EXCEED MAXIMUM RECOMMENDED AIR PRESSURE

Operate the tool using only the recommended air pressure. Do not exceed the maximum air pressure marked on the tool. Be sure the air pressure gauge is operating 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.

T250S-F16P 515500



⚠ 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.

ACCESSORIES

Safety Glasses

Clear



Part No. 401382



An Illinois Tool Works Company
155 Harlem Avenue
Glenview, IL 60025